



BlueCross BlueShield
of Vermont

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Investigational Services and Procedures Corporate Medical Policy

File Name: Investigational Services and Procedures
File Code: 10.01.VT204
Origination: 09/2016
Last Review: 07/2024
Next Review: 01/2025
Effective Date: 10/01/2024 (Adaptive Maintenance)

Description

Attachment (I) outlines current services and/or procedure(s) considered to be investigational by Blue Cross Blue Shield of Vermont (BCBSVT).

Definition of Investigational

“Experimental or Investigational Services” means health care items or services that are either not generally accepted by informed health care providers in the United States as effective in treating a condition, illness, or diagnosis for which their use is proposed, or are not proven by medical or scientific evidence to be effective in treating a condition, illness, or diagnosis.

Technologies are assessed using the following criteria. Any technology that fails to meet ALL the following criteria is considered to be “Investigational”:

1. The technology must have final approval from the appropriate governmental regulatory bodies.
 - This criterion applies to drugs, biological products, devices and any other product or procedure that must have final approval to market from the U.S. Food and Drug Administration (FDA) or any other federal governmental body with authority to regulate the use of the technology.
 - Any approval that is granted as an interim step in the U.S. Food and Drug Administration’s or any other federal governmental body’s regulatory process is not sufficient.
 - The indications for which the technology is approved need not be the same as those which the (BCBSVT) Medical Policy Committee is evaluating.
2. The scientific evidence must permit conclusions concerning the effect of the technology on health outcomes.

- The evidence should consist of well-designed and well-conducted investigations published in peer-reviewed journals. The quality of the body of studies and the consistency of the results are considered in evaluating the evidence.
 - The evidence should demonstrate that the technology can measure or alter the physiological changes related to a disease, injury, illness, or condition. In addition, there should be evidence, or a convincing argument based on established medical facts that such measurement or alteration affects health outcomes.
3. The technology must improve the net health outcome.
 - The technology's beneficial effects on health outcomes should outweigh any harmful effects on health outcomes.
 4. The technology must be as beneficial as any established alternatives.
 - The technology should improve the net health outcome as much as, or more than, established alternatives.
 5. The improvement must be attainable outside the investigational settings.
 - When used under the usual conditions of medical practice, the technology should be reasonably expected to satisfy Criteria #3 and #4.

In reviewing the above criteria, the BCBSVT Medical Policy Committee will consider physician specialty society recommendations, the view of prudent medical practitioners practicing in relevant clinical areas and any other relevant factors.

Policy

The following is a list of current services and/or procedure(s) which are considered investigational.

Coding Information

[Attachment I](#)

Policy Implementation/Update information

06/2020	Policy new Format
10/2020	Coding Updates effective 10/01/2020 Medical Policy: Added codes: 0097U, 0107U, 82239, 82272, 82274, 82542, 82656, 82710, 82715, 82725, 83520, 83630, 83986, 83993, 84311, 87045, 87046, 87075, 87102, 87177, 87209, 87328, 87329, 87336, 89160, 89161, 89240 ARE CONSIDERED INVESTIGATIONAL WITH THE FOLLOWING DIAGNOSES CODES: A04.8, A04.9, K58.0, K58.1, K58.2, K58.8, K58.9, K59.8, K63.9, K90.89. Coding Updates effective 10/01/2020 via Adaptive Maintenance Cycle:

	Added codes: 0016M, 0203U, 0204U, 0205U, 0206U, 0207U, 0208U, 0209U, 0211U, 0216U, 0217U, 0218U, 0219U, 0220U, 0225U, K1006, K1007, K1010, K1011, K1012, Q4249, Q4250, Q4254, Q4255.
01/2021	Coding Updates effective 01/01/2021 Adaptive Maintenance Cycle: Changed effective date to 01/01/2021 Removed Codes 38230, 83993, 90694 Updated Codes 82172 & 84181 to Investigational for All diagnoses Updated Codes 64910, 64911, 64912, 64913 as Investigational with dx codes C61, N52.0-N52.9 Added codes 0227U, 0228U, 0229U, 0620T, 0621T, 0622T, 0623T, 0624T, 0625T, 0626T, 0627T, 0628T, 0629T, 0630T, 0631T, 0632T, 0633T, 0634T, 0635T, 0636T, 0637T, 0638T, 0639T, 22869, 22870, 30468, 55880, 57465, 81514, 92229, C1825, C9771, C9772, C9773, C9774, C9775 Deleted codes 0400T, 0401T Removed codes 38206, 38230, 38241 codes require PA
04/2021	Coding Updates effective 04/01/2021 Adaptive Maintenance Cycle: Added codes: C9776, C9777, J3490, K1016, K1017, K1018, K1019, K1020, S1091, 0242U, 0243U, 0244U, 0247U. Removed codes: K1010, K1011, K1012, 64451, 78803, 78830, 78831, 78832, 78835
05/2021	Coding Update effective 05/01/2021: Added codes 81518, 0045U, 0153U.
07/2021	Coding Updates effective 07/01/2021: 0248U, 0249U, 0250U, 0251U, 0252U, 0253U, 0640T, 0641T, 0642T, 0643T, 0645T, 0646T, 0647T, 0648T, 0649T, 0652T, 0653T, 0654T, 0655T, 0656T, 0657T, 0658T, 0659T, 0660T, 0661T, 0664T, 0665T, 0666T, 0667T, 0668T, 0669T, 0670T, A9593, A9594, G0327, 58674, 90626, 90627, 90671, 90677, 90758, C1761
08/2021	Coding Updates effective 08/01/2021: Added codes E1700, E1701, E1702
09/2021	Coding update effective 09/01/2021: Removed code 53854
10/2021	Coding update effective 10/01/2021: Added Codes 0255U, 0258U, 0259U, 0260U, 0261U, 0262U, 0263U, 0264U, 0266U, 0267U, 0279U, 0280U, 0281U, 0282U, 0283U, 0284U, 0018M, Deleted code 0139U. Revised 0051U descriptor. Added HCPCS Codes: C1831, C9780, K1023, K1024, K1025, K1026, Q4251, Q4252, Q4253
11/2021	Coding update effective 11/01/2021 (To Align Corporate Bioengineered Skin Medical Policy Table): Added codes C9354, C9356, C9358, C9360, C9363, C9364, Q4103, Q4104, Q4110, Q4111, Q4112, Q4113, Q4115, Q4117, Q4118, Q4121, Q4123, Q4124, Q4125, Q4126, Q4127, Q4130, Q4134, Q4135, Q4136, Q4141, Q4142, Q4143, Q4146, Q4147, Q4149, Q4152, Q4158, Q4161, Q4164, Q4165, Q4166, Q4167, Q4179, Q4182, Q4193, Q4196, Q4200, Q4202, Q4203, Q4222. Removed codes: Q4185, Q4189, Q4192, Q4249, Q4250, Q4254, Q4255.
12/2021	Coding update effective 12/01/2021: Added code G9143
12/2021	Coding Update Effective 01/01/2022 (Adaptive Maintenance Cycle): Deleted the following codes: 0548T, 0549T, 0550T, 0551T, C9752, C9753, 95943, 0208U Codes Added: 33370, 42975, 43497, 53451, 53452, 53453, 53454, 61736, 61737, 64628, 64629, 81560, 90759. Added codes PLA: 0285U, 0288U, 0289U, 0290U, 0291U, 0292U, 0293U, 0294U, 0295U, 0296U, 0297U, 0298U, 0299U, 0300U, 0303U, 0304U, 0305U. Added codes CAT III: 0672T, 0673T, 0674T, 0675T, 0676T, 0677T, 0678T, 0679T, 0680T, 0681T, 0682T, 0683T, 0684T, 0685T, 0686T, 0687T, 0688T, 0689T, 0690T, 0691T, 0693T, 0694T, 0695T, 0696T, 0697T, 0698T, 0700T, 0701T, 0702T, 0703T, 0704T, 0705T, 0706T, 0707T, 0708T, 0709T, 0710T, 0711T, 0712T, 0713T. Added the following HCPCS

	Codes: A2001, A2002, A2004, A2005, A2006, A2007, A2008, A2009, A2010, C1832, C1833, G0465, Q4199. Removed codes: 0030U, 0032U, 0033U, 0173U, 0175U, 90677.
04/2022	Coding Update Effective 04/01/2022 (Adaptive Maintenance Cycle): A2003 deleted code never became effective 01/01/2021. (0)097U deleted. Added codes: 0306U, 0307U, 0308U, 0309U, 0310U, 0311U, 0312U, 0313U, 0314U, 0315U, 0316U, 0317U, 0318U, 0319U, 0320U, 0321U, 0322U. A2013, A9291, C9781, K1028, K1029, K1030, K1031, K1032, K1033. Removed code J3490 per Ketamine Medical Policy effective 04/01/2022.
05/2022	Coding Update Effective 05/01/2022 (Investigational Medical Policy Reconciliation): Codes removed: A4641, A4642, A9500, A9502, A9520, A9541, A9568, A9572, A9582 may be eligible for benefit approved by AIM or BCBSVT. Codes removed: J9035, 15788, 15789, 15792, 15793, 17000, 17003, 17004, 30520, 17106, 17107, 17108, 82656, 83630, 90677 effective: 01/01/2022), 97032 may be eligible for services based on current standards of care. Codes removed: G0259, L8603*, L8605*, L8606*, L8684, S8080, 0026U, 0097U, 0107U, 0278T, 15824, 15826, 30130, 30140, 31626, 34701, 34702, 34703, 34704, 34705, 34706, 34707, 34708, 36012, 37241, 38242, 43201, 43210, 43212, 43257, 51715, 64590, 64595, 64632, 64640, 64716, 64722, 64771, 64772, 64910, 64911, 64912, 64913, 76940, 78195, 78800, 78801, 78802, 78804, 82239, 82272, 82274, 82397, 82542, 82652, 82710, 82715, 82725, 83520, 83698, 83986, 84311, 86141, 86304, 87045, 87046, 87075, 87102, 87177, 87209, 87328, 87329, 87336, 89160, 89240, 92229, 93895, 95812, 95813, 95816, 95819, 95921, 95922, 95923, 95924, 96904 codes require prior approval. Removed codes: E0748, E0749, J3490, L8680, L8681, L8682, L8683, L8685, L8686, L8687, L8688, L8689, Q4168, Q4185, Q4189, Q4192, S3852, 0029U, 0156U, 0173U, 0175U, 0278U, 0394T, 15780, 15781, 15782, 15783, 20974, 20975, 61885, 61886, 64553, 64568, 64569, 64570, 67900, 75571, 81226, 81291, 81313, 81400, 81401, 81403, 81406, 81407, 81415, 81416, 81417, 81439, 81490, 81493, 81500, 81503, 81504, 81535, 81536, 81538, 81540, 81595, 95980, 95981, 95982 codes always required prior approval. Changed the following codes to be investigational for all diagnoses: A9584, E0740, E0761, E0769, G0166, G0295, G0329, G9147, S3722, 0003U, 0101T, 0102T, 0207T, 0278T, 0330T, 0332T, 0338T, 0339T, 0397T, 0421T, 0424T, 0425T, 0426T, 0441T, 0563T, 28890, 33548, 43206, 43252, 43284, 43285, 43647, 43648, 43881, 43882, 46707, 47371, 47381, 47383, 62263, 62264, 64505, 77085, 77086, 82523, 83006, 83695, 84080, 85384, 86352, 88375, 95957, 97610, 98922. Added new codes: C1825, C9359, C9362, E0746, G9143, S8130, S8131, 0651T, 64575 investigational for all diagnoses. Removed codes: G0281, G0282, V5095, 90876, 97014 codes are considered non-covered. Removed code S2080 code considered not medically necessary. Removed codes 31627 & 57465 not medically necessary per payment policy CPP_04. Added codes to as investigation but have been investigational per applicable medical policy: E0762, E0764, M0076, P9020, S8040, 0232T, 0355T, 41512, 64585, 83937, 91111, 92548, 92145, 92572, 92576, 93701, 95803, 96000, 96001, 96002, 96003, 96004, 97799. Codes deleted: A9599, C9750, 0355T, 0399T, 0406T, 0407T, 30660, 30661, 61632, 98922.
06/2022	Removed codes 0116U & 0117U Effective: 06/01/2022 Added code P2031 Effective: 06/01/2022, Added COVID-19 Monoclonal Antibodies & Administration codes: M0240, M0241, M0243, M0244, M0245, M0246, Q0240, Q0243, Q0244, Q0245

	Effective:01/24/2022. Added COVID-19 Monoclonal Antibodies & Administration codes: M0247, M0248, Q0247 Effective: 04/05/2022.
06/2022	Coding Update Effective 07/01/2022 (Adaptive Maintenance Cycle): Revised code descriptor 0229U. Removed code 83880 off-cycle map as medically necessary. Removed codes 0648T & 0649T from NIV to requiring PA add to PA CAT Code 'MQM' per medical policy changes to be reviewed by AIM 07/01/2022. Removed code 42975, 87426 & C9776 - medically necessary. Removed codes 90626 & 90627 FDA approved covered travel. Removed code 90759 FDA approved - preventive grid. Added codes: 90584, 0714T, 0715T, 0716T, 0717T, 0718T, 0719T, 0720T, 0721T, 0722T, 0723T, 0724T, 0725T, 0726T, 0727T, 0728T, 0729T, 0730T, 0731T, 0732T, 0733T, 0734T, 0735T, 0736T, 0737T, 0323U, 0324U, 0325U, 0328U, 0329U, 0330U, 0331U A9601, Q4259, Q4260, Q4261. Re-sequenced code 0330T.
09/2022	Coding Update Effective 10/01/2022 (Adaptive Maintenance Cycle): Added Codes Q1005, S0596, V2787, V2788, added to the Investigational policy the codes are considered investigational per the Vision Corporate Medical Policy. Removed codes 95976, 95977 & 58674 the codes will require prior approval. Removed code 84181 as investigational. Added the following PLA codes: 0332U, 0333U, 0334U, 0335U, 0336U, 0337U, 0338U, 0339U, 0340U, 0341U, 0342U, 0343U, 0344U, 0345U, 0346U, 0347U, 0348U, 0349U, 0350U, 0351U, 0352U as investigational. Added codes: A2014, A2015, A2016, A2017, A2018, A4596, C1834.
11/2022	Effective 11/01/2022: Removed codes: 0037U & 0129U from investigational to requiring prior approval. Removed codes 85384 & 85385 from investigational to medically necessary. Removed codes 0224U & 0225U from investigational to eligible at zero-cost share COVID-19.
12/2022	Effective 01/01/2023 (Adaptive Cycle Maintenance): Deleted Codes: 0312T, 0313T, 0314T, 0315T, 0316T, 0317T, 0514T, 0702T, 0703T. C1841, G2170, G2171. Revised Codes: 0733T, 0734T. Added codes as Investigational: 22860, 30469, 36836, 36837, 43290, 43291, 77089, 77090, 77091, 77092, 81418, 81449, 81451, 81456, 90678, 98978, 0738T, 0739T, 0740T, 0741T, 0742T, 0743T, 0744T, 0745T, 0746T, 0747T, 0748T, 0749T, 0750T, 0751T, 0752T, 0753T, 0754T, 0755T, 0756T, 0757T, 0758T, 0759T, 0760T, 0761T, 0762T, 0763T, 0764T, 0765T, 0766T, 0767T, 0768T, 0769T, 0770T, 0771T, 0772T, 0773T, 0774T, 0775T, 0776T, 0777T, 0778T, 0779T, 0780T, 0781T, 0782T, 0783T, 0355U, 0356U, 0357U, 0358U, 0359U, 0360U, 0361U, 0362U, 0363U, C1747, C1826, C1827, C7501, C7502, Q4262, Q4263, Q4264. Removed code as Investigational: 0421T.
01/2023	Policy reviewed removed codes 0202U & 0223U from investigational to eligible at zero cost share COVID-19 effective 11/01/2022.
02/2023	Policy reviewed removed code 81518 from investigational to requiring prior approval effective 03/01/2023.
03/2023	Effective 04/01/2023 (Adaptive Maintenance Cycle): C1834, 0324U, 0325U codes deleted. Code 0095U descriptor revised. Removed codes 0449T, 0450T, 90758 from investigational to medically necessary. Added codes: 0364U, 0365U, 0366U, 0367U, 0369U, 0370U, 0371U, 0372U, 0374U, 0375U, 0376U, 0377U, 0378U, 0379U, 0380U, 0384U, 0385U, 0386U, A2019, A2020, A2021, A4341, A4342, A4560, A6590, A6591, A7049, E0677, E0711, E1905, L8678, Q4265, Q4266, Q4267, Q4268, Q4269, Q4270, Q4271 as investigational to the coding table
03/2023	Effective 06/01/2023 Medical Policy Review- Added codes: E1806,

	E1811, E1816, E1818, E1821, E1831, E1841
06/2023	Effective 07/01/2023 (Adaptive Maintenance Cycle): Removed codes: 83721, 90671. Deleted Code: 0053U. Added Codes: 0387U, 0389U, 0390U, 0391U, 0392U, 0393U, 0394U, 0395U, 0398U, 0399U, 0400U, 0401U, 0791T, 0792T, 0793T, 0794T, 0795T, 0796T, 0797T, 0798T, 0799T, 0800T, 0801T, 0802T, 0803T, 0804T, 0805T, 0806T, 0807T, 0808T, 0809T, C9150, C9784, C9785, C9786, C9787, Q4272, Q4273, Q4274, Q4275, Q4276, Q4277, Q4278, Q4280, Q4281, Q4282, Q4283, Q4284. Added Codes (COVID-19): Refer to dates in table: 91300, 91301, 91303, 91305, 91306, 91307, 91308, 91309, 91311, 0001A, 0002A, 0003A, 0004A, 0011A, 0012A, 0013A, 0031A, 0034A, 0051A, 0052A, 0053A, 0054A, 0064A, 0071A, 0072A, 0073A, 0074A, 0081A, 0082A, 0083A, 0091A, 0092A, 0093A, 0094A, 0111A, 0112A, M0220, M0221, M0222, M0223, M0240, M0241, M0243, M0244, M0245, M0246, M0247, M0248, Q0220, Q0221, Q0222, Q0240, Q0243, Q0244, Q0245, Q0247.
09/2023	Effective 10/01/2023 (Adaptive Maintenance Cycle): Revised: 0362U, 0389U, 0401U, K1004, K1028. Deleted: 0357U, 0386U. Removed: 90678 code medically necessary. Added: 0019M, 0071T, 0072T, 0403U, 0404U, 0405U, 0406U, 0407U, 0408U, 0410U, 0411U, 0412U, 0413U, 0414U, 0415U, 0416U, 0417U, 0418U, 0419U, A2022, A2023, A2024, A2025, A9268, A9269, A9292, A9573, A9603, A9697, C9788, C9790, C9791, C9792, E0490, E0491, K1036, Q4285, Q4286.
10/2023	Effective 12/01/2023: Codes 36473 & 36474 added as Investigational.
12/2023	Adaptive Maintenance Effective 01/01/2024: Removed code 0404T from investigational to requiring prior approval. Added codes: 22836,, 22837, 22838, 31242, 31243, 33276, 33277, 33278, 33279, 33280, 33281, 33287, 33288, 52284, 90589, 90683, 92972, 93150, 93151, 93152, 93153, A6566, A6567, A7023, A9609, C1600, E0492, E0493, E0530, E0732, E0733, E0734, E2001, Q4279, Q4287, Q4288, Q4289, Q4290, Q4291, Q4292, Q4293, Q4294, Q4295, Q4296, Q4297, Q4298, Q4299, Q4300, Q4301, Q4302, Q4303, Q4304, 0420U, 0421U, 0422U, 0423U, 0424U, 0427U, 0429U, 0430U, 0431U, 0432U, 0433U, 0434U, 0435U, 0436U, 0437U, 0438U, 0790T, 0811T, 0812T, 0813T, 0814T, 0815T, 0820T, 0821T, 0827T, 0828T, 0829T, 0830T, 0831T, 0832T, 0833T, 0834T, 0835T, 0836T, 0837T, 0838T, 0839T, 0840T, 0841T, 0842T, 0843T, 0844T, 0845T, 0846T, 0847T, 0848T, 0849T, 0850T, 0851T, 0858T. 0852T, 0853T, 0854T, 0855T, 0856T, 0857T, 0859T, 0860T, 0861T, 0862T, 0863T, 0864T, 0865T, 0866T Revised Codes: 81451, 81456, 0517T, 0518T, 0519T, 0520T, 0587T, 0588T, 0589T, 0590T, 0640T, 0656T, 0657T, 0766T, 0767T. 0095U, 0351U, 0356U, Deleted Codes: 0404T, 0424T, 0425T, 0426T, 0427T, 0428T, 0429T, 0430T, 0431T, 0432T, 0433T, 0434T, 0435T, 0436T, 0508T, 0533T, 0534T, 0533T, 0535T, 0536T, 0715T, 0768T, 0769T, 0775T, 0809T, 0014M, K1001, K1002, C9771, C9788, K1006, K1016, K1017, K1018, K1019, K1020, K1023, K1024,

	<p>K1025, K1026, K1028, K1029, K1031, K1032, K1033,</p> <p>Removed code C2596 from investigational to medically necessary.</p>
04/2024	<p>Adaptive Maintenance Effective 04/01/2024: Added Codes: 27278, 0439U, 0440U, 0441U, 0442U, 0443U, 0444U, 0445U, 0446U, 0447U, 0449U, A2026, A4438, A4593, A4594, E0468, E0736, E0738, E0739, K1037, Q4305, Q4306, Q4307, Q4308, Q4309, Q4310, S4988, S9002 as investigational to coding table.</p> <p>Added Codes: C9796 & C9797 retroactive to 01/01/2024 Adaptive Maintenance Cycle as investigational to coding table.</p> <p>Removed Code: 0242U from investigational from coding table now requires PA.</p> <p>Deleted Code: 0416U from coding table.</p> <p>Revised Code: E2001 in coding table.</p>
07/2024	<p>Adaptive Maintenance Effective 07/01/2024: Added Codes: 0020M, 0867T, 0868T, 0870T, 0871T, 0872T, 0873T, 0874T, 0875T, 0876T, 0877T, 0878T, 0879T, 0880T, 0881T, 0882T, 0883T, 0884T, 0885T, 0886T, 0887T, 0888T, 0889T, 0890T, 0891T, 0892T, 0893T, 0894T, 0895T, 0896T, 0897T, 0898T, 0899T, 0900T, 0450U, 0451U, 0452U, 0453U, 0456U, 0457U, 0458U, 0460U, 0461U, 0462U, 0463U, 0464U, 0465U, 0466U, 0467U, 0468U, 0469U, 0470U, 0472U, 0474U, 0475U, 90637, 90638, Q4311, Q4312, Q4313, Q4314, Q4315, Q4316, Q4317, Q4318, Q4319, Q4320, Q4321, Q4322, Q4323, Q4324, Q4325, Q4326, Q4327, Q4328, Q4329, Q4330, Q4331, Q4332, Q4333 as investigational to coding table.</p> <p>Removed Codes: 0279U, 0280U, 0281U, 0282U, 0283U, 0284U, C9359, 90589, 90683 from coding table.</p> <p>Deleted Codes: 0204U, C9787, C9790, Q4277 from coding table.</p> <p>Revised Codes: 0741T in coding table.</p>
07/2024	<p>Removed CPT® code 33274 from investigational coding table, code will require prior approval. Effective 10/01/2024.</p>
10/2024	<p>Adaptive Maintenance Effective 10/01/2024-Remove codes: 90637, 90638, 86352 (effective 07/01/2024) from investigational codes considered medically necessary. Removed codes: A9586, A9593, A9594, A9601, Q9982, Q9983, 0031U codes require prior approval and were not removed from investigational coding table.</p> <p>Removed codes: 0364U, 0720T from investigational codes require prior approval. Added codes: 90624, 0476U, 0477U, 0479U, 0482U, 0483U, 0484U,</p>

0485U, 0486U, 0487U, 0488U, 0489U, 0490U, 0491U, 0492U, 0493U, 0494U, 0495U, 0496U, 0497U, 0498U, 0499U, 0500U, 0501U, 0502U, 0503U, 0504U, 0505U, 0506U, 0507U, 0508U, 0509U, 0510U, 0511U, 0512U, 0513U, 0514U, 0515U, 0516U, 0517U, 0518U, 0519U, 0520U, A4540, A2027, A2028, A2029, A4543, A4544, A4545, A7021, A9610, C8000, E0469, E0683, E0715, E0716, E0721, E0737, E0743, E0767, E3200, L8720, L8721, P9027, Q4334, Q4335, Q4336, Q4337, Q4338, Q4339, Q4340, Q4341, Q4342, Q4343, Q4344, Q4345 as investigational to coding table. Deleted code: C9150 from coding table. Revised Code Descriptors: 0248U, 0403U, A2024, E0739.

Eligible Providers

Qualified healthcare professionals practicing within the scope of their license(s).

Approved by BCBSVT Medical Directors

Tom Weigel, MD, MBA
Vice President and Chief Medical Officer

Tammaji P. Kulkarni, MD
Senior Medical Director

Attachment I

CPT®/HCPCS Code	CPT®/HCPCS Code Description	Instructions
A2001	InnovaMatrix AC, per sq cm	Investigational
A2002	Mirragen Advanced Wound Matrix, per sq cm	Investigational
A2004	XCelliStem, per sq cm	Investigational
A2005	Microlyte Matrix, per sq cm	Investigational
A2006	NovoSorb SynPath dermal matrix, per sq cm	Investigational
A2007	Restrata, per sq cm	Investigational
A2008	TheraGenesis, per sq cm	Investigational
A2009	Symphony, per sq cm	Investigational
A2010	Apis, per sq cm	Investigational
A2013	Innovamatrix FS, per sq cm	Investigational
A2014	Omeza collagen matrix, per 100 mg	Investigational
A2015	Phoenix wound matrix, per square centimeter	Investigational
A2016	Permeaderm b, per square centimeter	Investigational
A2017	Permeaderm glove, each	Investigational

A2018	Permeaderm c, per square centimeter	Investigational
A2019	Kerecis omega3 marigen shield, per square centimeter	Investigational
A2020	Ac5 advanced wound system (ac5)	Investigational
A2021	Neomatrix, per square centimeter	Investigational
A2022	Innovaburn or innovamatrix xl, per square centimeter	Investigational
A2023	Innovamatrix pd, 1 mg	Investigational
A2024	Resolve matrix or xenopatch, per square centimeter	Investigational
A2025	Miro3d, per cubic centimeter	Investigational
A2026	Restrata minimatrix, 5 mg	Investigational
A2027	Matriderm, per square centimeter	Investigational
A2028	Micromatrix flex, per mg	Investigational
A2029	Mirottract wound matrix sheet, per cubic centimeter	Investigational
A4341	Indwelling intraurethral drainage device with valve, patient inserted, replacement only, each	Investigational
A4342	Accessories for patient inserted indwelling intraurethral drainage device with valve, replacement only, each	Investigational
A4438	Adhesive clip applied to the skin to secure external electrical nerve stimulator controller, each	Investigational
A4540	Distal transcutaneous electrical nerve stimulator, stimulates peripheral nerves of the upper arm	Investigational
A4543	Supplies for transcutaneous electrical nerve stimulator, for nerves in the auricular region, per month	Investigational
A4544	Electrode for external lower extremity nerve stimulator for restless legs syndrome	Investigational
A4545	Supplies and accessories for external tibial nerve stimulator (e.g., socks, gel pads, electrodes, etc.), needed for one month	Investigational
A4560	Neuromuscular electrical stimulator (nmes), disposable, replacement only	Investigational
A4563	Rectal control system for vaginal insertion, for long term use, includes pump and all supplies and accessories, any type each	Investigational

A4575	Topical hyperbaric oxygen chamber, disposable	Investigational
A4593	Neuromodulation stimulator system, adjunct to rehabilitation therapy regime	Investigational
A4594	Neuromodulation stimulator system, adjunct to rehabilitation therapy regime, mouthpiece each	Investigational
A4596	Cranial electrotherapy stimulation (ces) system supplies and accessories, per month	Investigational
A6566	Gradient compression garment, neck/head, each	Investigational
A6567	Gradient compression garment, neck/head, custom, each	Investigational
A6590	External urinary catheters; disposable, with wicking material, for use with suction pump, per month	Investigational
A6591	External urinary catheter; non-disposable, for use with suction pump, per month	Investigational
A7021	Supplies and accessories for lung expansion airway clearance, continuous high frequency oscillation, and nebulization device (e.g., handset, nebulizer kit, biofilter)	Investigational
A7023	Mechanical allergen particle barrier/inhalation filter, cream, nasal, topical	Investigational
A7049	Expiratory positive airway pressure intranasal resistance valve	Investigational
A9268	Programmer for transient, orally ingested capsule	Investigational
A9269	Programable, transient, orally ingested capsule, for use with external programmer, per month	Investigational
A9291	Prescription digital behavioral therapy, FDA-cleared, per course of treatment	Investigational
A9292	Prescription digital visual therapy, software-only, fda cleared, per course of treatment	Investigational
A9507	Indium In-111 capromab pendetide, diagnostic, per study dose, up to 10 millicuries	Investigational

A9573	Injection, gadopichlenol, 1 ml	Investigational
A9584	Iodine I-123 ioflupane, diagnostic, per study dose, up to 5 mCi	Investigational
A9603	Injection, pafolacianine, 0.1 mg	Investigational
A9609	Gradient compression bandaging supply, not otherwise specified	Investigational
A9610	Xenon xe-129 hyperpolarized gas, diagnostic, per study dose	Investigational
A9697	Injection, carboxydextran-coated superparamagnetic iron oxide, per study dose	Investigational
C1600	Catheter, transluminal intravascular lesion preparation device, bladed, sheathed (insertable)	Investigational
C1734	Orthopedic/device/drug matrix for opposing bone-to-bone or soft tissue-to bone (implantable)	Investigational
C1747	Endoscope, single-use (i.e. disposable), urinary tract, imaging/illumination device (insertable)	Investigational
C1761	Catheter, transluminal intravascular lithotripsy, coronary	Investigational
C1821	Interspinous process distraction device (implantable)	Investigational
C1823	Generator, neurostimulator (implantable), nonrechargeable, with transvenous sensing and stimulation leads	Investigational
C1825	Generator, neurostimulator (implantable), nonrechargeable with carotid sinus baroreceptor stimulation lead(s)	Investigational
C1826	Generator, neurostimulator (implantable), includes closed feedback loop leads and all implantable components, with rechargeable battery and charging system	Investigational
C1827	Generator, neurostimulator (implantable), non-rechargeable, with implantable stimulation lead and external paired stimulation controller	Investigational
C1831	Personalized, anterior and lateral interbody cage (implantable)	Investigational

C1832	Autograft suspension, including cell processing and application, and all system components	Investigational
C1833	Monitor, cardiac, including intracardiac lead and all system components (implantable)	Investigational
C2614	Probe, percutaneous lumbar discectomy	Investigational
C7501	Percutaneous breast biopsies using stereotactic guidance, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, all lesions unilateral and bilateral (for single lesion biopsy, use appropriate code)	Investigational
C7502	Percutaneous breast biopsies using magnetic resonance guidance, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, all lesions unilateral or bilateral (for single lesion biopsy, use appropriate code)	Investigational
C8000	Support device, extravascular, for arteriovenous fistula (implantable)	Investigational
C8937	Computer-aided detection, including computer algorithm analysis of breast MRI image data for lesion detection/characterization, pharmacokinetic analysis, with further physician review for interpretation (list separately in addition to code for primary procedure)	Investigational
C9354	Acellular pericardial tissue matrix of nonhuman origin (Veritas), per sq cm	Investigational
C9356	Tendon, porous matrix of cross-linked collagen and glycosaminoglycan matrix (TenoGlide Tendon Protector Sheet), per sq cm	Investigational

C9358	Dermal substitute, native, nondenatured collagen, fetal bovine origin (SurgiMend Collagen Matrix), per 0.5 sq cm	Investigational
C9360	Dermal substitute, native, nondenatured collagen, neonatal bovine origin (SurgiMend Collagen Matrix), per 0.5 sq cm	Investigational
C9362	Porous purified collagen matrix bone void filler (Integra Mozaik Osteoconductive Scaffold Strip), per 0.5 cc	Investigational
C9363	Skin substitute (Integra Meshed Bilyer Wound Matrix), per sq cm	Investigational
C9364	Porcine implant, Permacol, per sq cm	Investigational
C9751	Bronchoscopy, rigid or flexible, transbronchial ablation of lesion(s) by microwave energy, including fluoroscopic guidance, when performed, with computed tomography acquisition(s) and 3D rendering, computer-assisted, image-guided navigation, and endobronchial ultrasound (EBUS) guided transtracheal and/or transbronchial sampling (e.g., aspiration[s]/biopsy[ies]) and all mediastinal and/or hilar lymph node stations or structures and therapeutic intervention(s)	Investigational
C9758	Blind procedure for NYHA Class III/IV heart failure; transcatheter implantation of interatrial shunt including right heart catheterization, transesophageal echocardiography (TEE)/intracardiac echocardiography (ICE), and all imaging with or without guidance (e.g., ultrasound, fluoroscopy), performed in an approved investigational device exemption (IDE) study	Investigational

C9759	Transcatheter intraoperative blood vessel microinfusion(s) (e.g., intraluminal, vascular wall and/or perivascular) therapy, any vessel, including radiological supervision and interpretation, when performed	Investigational
C9760	Nonrandomized, nonblinded procedure for NYHA Class II, III, IV heart failure; transcatheter implantation of interatrial shunt, including right and left heart catheterization, transeptal puncture, transesophageal echocardiography (TEE)/intracardiac echocardiography (ICE), and all imaging with or without guidance (e.g., ultrasound, fluoroscopy), performed in an approved investigational device exemption (IDE) study	Investigational
C9762	Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with strain imaging	Investigational
C9763	Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with stress imaging	Investigational
C9764	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy, includes angioplasty within the same vessel(s), when performed	Investigational
C9765	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy, and transluminal stent placement(s), includes angioplasty within the same vessel(s), when performed	Investigational

C9766	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy and atherectomy, includes angioplasty within the same vessel(s), when performed	Investigational
C9767	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy and transluminal stent placement(s), and atherectomy, includes angioplasty within the same vessel(s), when performed	Investigational
C9772	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies), with intravascular lithotripsy, includes angioplasty within the same vessel(s), when performed	Investigational
C9773	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies); with intravascular lithotripsy, and transluminal stent placement(s), includes angioplasty within the same vessel(s), when performed	Investigational
C9774	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies); with intravascular lithotripsy and atherectomy, includes angioplasty within the same vessel(s), when performed	Investigational
C9775	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies); with intravascular lithotripsy and transluminal stent placement(s), and atherectomy, includes angioplasty within the same vessel(s), when performed	Investigational
C9777	Esophageal mucosal integrity testing by electrical impedance, transoral, includes esophagoscopy or esophagogastroduodenoscopy	Investigational

C9780	Insertion of central venous catheter through central venous occlusion via inferior and superior approaches (e.g., inside-out technique), including imaging guidance	Investigational
C9781	Arthroscopy, shoulder, surgical; with implantation of subacromial spacer (e.g., balloon), includes debridement (e.g., limited or extensive), subacromial decompression, acromioplasty, and biceps tenodesis when performed	Investigational
C9784	Gastric restrictive procedure, endoscopic sleeve gastroplasty, with esophagogastroduodenoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components	Investigational
C9785	Endoscopic outlet reduction, gastric pouch application, with endoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components	Investigational
C9786	Echocardiography image post processing for computer aided detection of heart failure with preserved ejection fraction, including interpretation and report	Investigational
C9791	Magnetic resonance imaging with inhaled hyperpolarized xenon-129 contrast agent, chest, including preparation and administration of agent	Investigational

C9792	Blinded or nonblinded procedure for symptomatic new york heart association (nyha) class ii, iii, iva heart failure; transcatheter implantation of left atrial to coronary sinus shunt using jugular vein access, including all imaging necessary to intra procedurally map the coronary sinus for optimal shunt placement (e.g., tee or ice ultrasound, fluoroscopy), performed under general anesthesia in an approved investigational device exemption (ide) study)	Investigational
C9796	Repair of enterocutaneous fistula small intestine or colon (excluding anorectal fistula) with plug (e.g., porcine small intestine submucosa [sis])	Investigational
C9797	Vascular embolization or occlusion procedure with use of a pressure-generating catheter (e.g., one-way valve, intermittently occluding), inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for tumors, organ ischemia, or infarction	Investigational
E0218	Fluid circulating cold pad with pump, any type	Investigational
E0236	Pump for water circulating pad	Investigational
E0468	Home ventilator, dual-function respiratory device, also performs additional function of cough stimulation, includes all accessories, components and supplies for all functions	Investigational
E0469	Lung expansion airway clearance, continuous high frequency oscillation, and nebulization device	Investigational

E0490	Power source and control electronics unit for oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, controlled by hardware remote	Investigational
E0491	Oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, used in conjunction with the power source and control electronics unit, controlled by hardware remote, 90-day supply	Investigational
E0492	Power source and control electronics unit for oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, controlled by phone application	Investigational
E0493	Oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, used in conjunction with the power source and control electronics unit, controlled by phone application, 90-day supply	Investigational
E0530	Electronic positional obstructive sleep apnea treatment, with sensor, includes all components and accessories, any type	Investigational
E0677	Non-pneumatic sequential compression garment, trunk	Investigational
E0683	Non-pneumatic, non-sequential, peristaltic wave compression pump	Investigational
E0711	Upper extremity medical tubing/lines enclosure or covering device, restricts elbow range of motion	Investigational
E0715	Intravaginal device intended to strengthen pelvic floor muscles during kegel exercises	Investigational
E0716	Supplies and accessories for intravaginal device intended to strengthen pelvic floor muscles during kegel exercises	Investigational

E0721	Transcutaneous electrical nerve stimulatory, stimulates nerves in the auricular region	Investigational
E0732	Cranial electrotherapy stimulation (ces) system, any type	Investigational
E0733	Transcutaneous electrical nerve stimulator for electrical stimulation of the trigeminal nerve	Investigational
E0734	External upper limb tremor stimulator of the peripheral nerves of the wrist	Investigational
E0736	Transcutaneous tibial nerve stimulator	Investigational
E0737	Transcutaneous tibial nerve stimulator, controlled by phone application	Investigational
E0738	Upper extremity rehabilitation system providing active assistance to facilitate muscle re-education, include microprocessor, all components and accessories	Investigational
E0739	Rehabilitation system with interactive interface providing active assistance in rehabilitation therapy, includes all components and accessories, motors, microprocessors, sensors	Investigational
E0740	Nonimplanted pelvic floor electrical stimulator, complete system	Investigational
E0743	External lower extremity nerve stimulator for restless legs syndrome, each	Investigational
E0746	Electromyography (EMG), biofeedback device	Investigational
E0761	Nonthermal pulsed high frequency radiowaves, high peak power electromagnetic energy treatment device	Investigational
E0762	Transcutaneous electrical joint stimulation device system, includes all accessories	Investigational

E0764	Functional neuromuscular stimulation, transcutaneous stimulation of sequential muscle groups of ambulation with computer control, used for walking by spinal cord injured, entire system, after completion of training program	Investigational
E0767	External lower extremity nerve stimulator for restless legs syndrome, each	Investigational
E0769	Electrical stimulation or electromagnetic wound treatment device, not otherwise classified	Investigational
E0770	Functional electrical stimulator, transcutaneous stimulation of nerve and/or muscle groups, any type, complete system, not otherwise specified	Investigational
E1700	Jaw motion rehabilitation system	Investigational
E1701	Replacement cushions for jaw motion rehabilitation system, package of 6	Investigational
E1702	Replacement measuring scales for jaw motion rehabilitation system, package of 200	Investigational
E1801	Static progressive stretch elbow device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories	Investigational
E1806	Static progressive stretch wrist device, flexion and/or extension, with or without range of motion adjustment, includes all components and accessories	Investigational
E1811	Static progressive stretch knee device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories	Investigational
E1816	Static progressive stretch ankle device, flexion and/or extension, with or without range of motion adjustment, includes all components and accessories	Investigational

E1818	Static progressive stretch forearm pronation/supination device, with or without range of motion adjustment, includes all components and accessories	Investigational
E1821	Replacement soft interface material/cuffs for bi-directional static progressive stretch device	Investigational
E1831	Static progressive stretch toe device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories	Investigational
E1841	Static progressive stretch shoulder device, with or without range of motion adjustment, includes all components and accessories	Investigational
E1905	Virtual reality cognitive behavioral therapy device (cbt), including pre-programmed therapy software	Investigational
E2001	Suction pump, home model, portable or stationary, electric, any type, for use with external urine/or fecal management system	Investigational
E3200	Gait modulation system, rhythmic auditory stimulation, including restricted therapy software, all components and accessories, prescription only	Investigational
G0166	External counterpulsation, per treatment session	Investigational
G0255	Current perception threshold/sensory nerve conduction test, (SNCT) per limb, any nerve	Investigational
G0276	Blinded procedure for lumbar stenosis, percutaneous image-guided lumbar decompression (PILD) or placebo-control, performed in an approved coverage with evidence development (CED) clinical trial	Investigational
G0295	Electromagnetic therapy, to one or more areas, for wound care other than described in G0329 or for other uses	Investigational
G0327	Colorectal cancer screening; blood-based biomarker	Investigational

G0329	Electromagnetic therapy, to one or more areas for chronic Stage III and Stage IV pressure ulcers, arterial ulcers, diabetic ulcers and venous stasis ulcers not demonstrating measurable signs of healing after 30 days of conventional care as part of a therapy plan of care	Investigational
G0465	Autologous platelet rich plasma (PRP) for diabetic chronic wounds/ulcers, using an FDA-cleared device (includes administration, dressings, phlebotomy, centrifugation, and all other preparatory procedures, per treatment)	Investigational
G2000	Blinded administration of convulsive therapy procedure, either electroconvulsive therapy (ECT, current covered gold standard) or magnetic seizure therapy (MST, noncovered experimental therapy), performed in an approved IDE-based clinical trial, per treatment session	Investigational
G9143	Warfarin responsiveness testing by genetic technique using any method, any number of specimen(s)	Investigational
G9147	Outpatient Intravenous Insulin Treatment (OIVIT) either pulsatile or continuous, by any means, guided by the results of measurements for: respiratory quotient; and/or, urine urea nitrogen (UUN); and/or, arterial, venous or capillary glucose; and/or potassium concentration	Investigational
K1004	Low frequency ultrasonic diathermy treatment device for home use	Investigational

K1007	Bilateral hip, knee, ankle, foot (HKAFO) device, powered, includes pelvic component, single or double upright(s), knee joints any type, with or without ankle joints any type, includes all components and accessories, motors, microprocessors, sensors	Investigational
K1030	External recharging system for battery (internal) for use with implanted cardiac contractility modulation generator, replacement only	Investigational
K1036	Supplies and accessories (e.g., transducer) for low frequency ultrasonic diathermy treatment device, per month	Investigational
K1037	Docking station for use with oral device/appliance used to reduce upper airway collapsibility	Investigational
L8608	Miscellaneous external component, supply or accessory for use with the Argus II Retinal Prosthesis System	Investigational
L8678	Electrical stimulator supplies (external) for use with implantable neurostimulator, per month	Investigational
L8720	External lower extremity sensory prosthesis, cutaneous stimulation of mechanoreceptors proximal to the ankle, per leg	Investigational
L8721	Receptor sole for use with L8720, replacement, each	Investigational
M0076	Prolotherapy	Investigational

<p>M0220</p>	<p>Injection, tixagevimab and cilgavimab, for the pre-exposure prophylaxis only, for certain adults and pediatric individuals (12 years of age and older weighing at least 40kg) with no known SARS-CoV-2 exposure, who either have moderate to severely compromised immune systems or for whom vaccination with any available COVID-19 vaccine is not recommended due to a history of severe adverse reaction to a COVID-19 vaccine(s) and/or COVID-19 vaccine component(s), includes injection and post administration monitoring</p>	<p>Investigational COVID-19 Effective:(01/26/2023)</p>
<p>M0221</p>	<p>Injection, tixagevimab and cilgavimab, for the pre-exposure prophylaxis only, for certain adults and pediatric individuals (12 years of age and older weighing at least 40kg) with no known SARS-CoV-2 exposure, who either have moderate to severely compromised immune systems or for whom vaccination with any available COVID-19 vaccine is not recommended due to a history of severe adverse reaction to a COVID-19 vaccine(s) and/or COVID-19 vaccine component(s), includes injection and post administration monitoring in the home or residence; this includes a beneficiary's home that has been made provider-based to the hospital during the COVID-19 public health emergency</p>	<p>Investigational COVID-19 Effective:(01/26/2023)</p>
<p>M0222</p>	<p>Intravenous injection, bebtelovimab, includes injection and post administration monitoring</p>	<p>Investigational COVID-19 Effective:(11/30/2022)</p>

M0223	Intravenous injection, bebtelovimab, includes injection and post administration monitoring in the home or residence; this includes a beneficiary's home that has been made provider-based to the hospital during the COVID-19 public health emergency	Investigational COVID-19 Effective:(11/30/2022)
M0240	Intravenous infusion or subcutaneous injection, casirivimab and imdevimab, includes infusion or injection and post administration monitoring, subsequent repeat doses	Investigational COVID-19 Effective:(01/24/2022)
M0241	Intravenous infusion or subcutaneous injection, casirivimab and imdevimab, includes infusion or injection, and post administration monitoring in the home or residence. This includes a beneficiary's home that has been made provider-based to the hospital during the covid-19 public health emergency, subsequent repeat doses	Investigational COVID-19 Effective:(01/24/2022)
M0243	Intravenous infusion or subcutaneous injection, casirivimab and imdevimab, includes infusion or injection, and post administration monitoring	Investigational COVID-19 Effective:(01/24/2022)
M0244	Intravenous infusion or subcutaneous injection, casirivimab and imdevimab, includes infusion or injection and post administration monitoring in the home or residence; this includes a beneficiary's home that has been made provider-based to the hospital during the COVID-19 public health emergency	Investigational COVID-19 Effective:(01/24/2022)
M0245	Intravenous infusion, bamlanivimab and etesevimab, includes infusion and post administration monitoring	Investigational COVID-19 Effective:(01/24/2022)

M0246	Intravenous infusion, bamlanivimab and etesevimab, includes infusion and post administration monitoring in the home or residence; this includes a beneficiary's home that has been made provider-based to the hospital during the COVID-19 public health emergency	Investigational COVID-19 Effective:(01/24/2022)
M0247	Intravenous infusion, sotrovimab, includes infusion and post administration monitoring	Investigational COVID-19 Effective:(04/05/2022)
M0248	Intravenous infusion, sotrovimab, includes infusion and post administration monitoring in the home or residence; this includes a beneficiary's home that has been made provider-based to the hospital during the COVID-19 public health emergency	Investigational COVID-19 Effective:(04/05/2022)
P2031	Hair analysis (excluding arsenic)	Investigational
P9020	Platelet rich plasma, each unit	Investigational
P9027	Red blood cells, leukocytes reduced, oxygen/ carbon dioxide reduced, each unit	Investigational
Q0220	Injection, tixagevimab and cilgavimab, for the pre-exposure prophylaxis only, for certain adults and pediatric individuals (12 years of age and older weighing at least 40kg) with no known SARS-CoV-2 exposure, who either have moderate to severely compromised immune systems or for whom vaccination with any available COVID-19 vaccine is not recommended due to a history of severe adverse reaction to a COVID-19 vaccine(s) and/or COVID-19 vaccine component(s), 300 mg	Investigational COVID-19 Effective:(01/26/2023)

Q0221	Injection, tixagevimab and cilgavimab, for the pre-exposure prophylaxis only, for certain adults and pediatric individuals (12 years of age and older weighing at least 40kg) with no known SARS-CoV-2 exposure, who either have moderate to severely compromised immune systems or for whom vaccination with any available COVID-19 vaccine is not recommended due to a history of severe adverse reaction to a COVID-19 vaccine(s) and/or COVID-19 vaccine component(s), 600 mg	Investigational COVID-19 Effective:(01/26/2023)
Q0222	Injection, bebtelovimab, 175 mg	Investigational COVID-19 Effective:(11/30/2022)
Q0240	Injection, casirivimab and imdevimab, 600 mg	Investigational COVID-19 Effective:(01/24/2022)
Q0243	Injection, casirivimab and imdevimab, 2400 mg	Investigational COVID-19 Effective:(01/24/2022)
Q0244	Injection, casirivimab and imdevimab, 1200 mg	Investigational COVID-19 Effective:(01/24/2022)
Q0245	Injection, bamlanivimab and etesevimab, 2100 mg	Investigational COVID-19 Effective:(01/24/2022)
Q0247	Injection, sotrovimab, 500 mg	Investigational COVID-19 Effective:(04/05/2022)
Q1005	New technology, intraocular lens, category 5 as defined in Federal Register notice	Investigational
Q4103	Oasis burn matrix, per sq cm	Investigational
Q4104	Integra bilayer matrix wound dressing (BMWD), per sq cm	Investigational
Q4110	PriMatrix, per sq cm	Investigational
Q4111	GammaGraft, per sq cm	Investigational
Q4112	Cymetra, injectable, 1 cc	Investigational
Q4113	GRAFTJACKET XPRESS, injectable, 1 cc	Investigational
Q4115	AlloSkin, per sq cm	Investigational
Q4117	HYALOMATRIX, per sq cm	Investigational
Q4118	MatriStem micromatrix, 1 mg	Investigational
Q4121	TheraSkin, per sq cm	Investigational
Q4123	AlloSkin RT, per sq cm	Investigational
Q4124	OASIS ultra tri-layer wound matrix, per sq cm	Investigational
Q4125	ArthroFlex, per sq cm	Investigational

Q4126	MemoDerm, DermaSpan, TranZgraft or InteguPly, per sq cm	Investigational
Q4127	Talymed, per sq cm	Investigational
Q4130	Strattice TM, per sq cm	Investigational
Q4134	HMatrix, per sq cm	Investigational
Q4135	Mediskin, per sq cm	Investigational
Q4136	E-Z Derm, per sq cm	Investigational
Q4141	AlloSkin AC, per sq cm	Investigational
Q4142	XCM biologic tissue matrix, per sq cm	Investigational
Q4143	Repriza, per sq cm	Investigational
Q4146	Tensix, per sq cm	Investigational
Q4147	Architect, Architect PX, or Architect FX, extracellular matrix, per sq cm	Investigational
Q4149	Excellagen, 0.1 cc	Investigational
Q4152	DermaPure, per sq cm	Investigational
Q4158	Kerecis Omega3, per sq cm	Investigational
Q4161	bio-ConneKt wound matrix, per sq cm	Investigational
Q4164	Helicoll, per sq cm	Investigational
Q4165	Keramatrix or Kerasorb, per sq cm	Investigational
Q4166	Cytal, per sq cm	Investigational
Q4167	Truskin, per sq cm	Investigational
Q4179	FlowerDerm, per sq cm	Investigational
Q4182	Transcyte, per sq cm	Investigational
Q4193	Coll-e-Derm, per sq cm	Investigational
Q4196	PuraPly AM, per sq cm	Investigational
Q4199	Cygnus matrix, per sq cm	Investigational
Q4200	SkinTE, per sq cm	Investigational
Q4202	Keroxx (2.5 g/cc), 1 cc	Investigational
Q4203	Derma-Gide, per sq cm	Investigational
Q4222	ProgenaMatrix, per sq cm	Investigational
Q4251	Vim, per sq cm	Investigational
Q4252	Vendaje, per sq cm	Investigational
Q4253	Zenith Amniotic Membrane, per sq cm	Investigational
Q4259	Celera dual layer or celera dual membrane, per square centimeter	Investigational
Q4260	Signature apatch, per square centimeter	Investigational
Q4261	Tag, per square centimeter	Investigational
Q4262	Dual layer impax membrane, per square centimeter	Investigational
Q4263	Surgraft tl, per square centimeter	Investigational

Q4264	Cocoon membrane, per square centimeter	Investigational
Q4265	Neostim tl, per square centimeter	Investigational
Q4266	Neostim membrane, per square centimeter	Investigational
Q4267	Neostim dl, per square centimeter	Investigational
Q4268	Surgraft ft, per square centimeter	Investigational
Q4269	Surgraft xt, per square centimeter	Investigational
Q4270	Complete sl, per square centimeter	Investigational
Q4271	Complete ft, per square centimeter	Investigational
Q4272	Esano a, per square centimeter	Investigational
Q4273	Esano aaa, per square centimeter	Investigational
Q4274	Esano ac, per square centimeter	Investigational
Q4275	Esano aca, per square centimeter	Investigational
Q4276	Orion, per square centimeter	Investigational
Q4278	Epieffect, per square centimeter	Investigational
Q4279	Vendaje ac, per square centimeter	Investigational
Q4280	Xcell amnio matrix, per square centimeter	Investigational
Q4281	Barrera sl or barrera dl, per square centimeter	Investigational
Q4282	Cygnus dual, per square centimeter	Investigational
Q4283	Biovance tri-layer or biovance 3l, per square centimeter	Investigational
Q4284	Dermabind sl, per square centimeter	Investigational
Q4285	Nudyn dl or nudyn dl mesh, per square centimeter	Investigational
Q4286	Nudyn sl or nudyn slw, per square centimeter	Investigational
Q4287	Dermabind dl, per square centimeter	Investigational
Q4288	Dermabind ch, per square centimeter	Investigational
Q4289	Revoshield + amniotic barrier, per square centimeter	Investigational
Q4290	Membrane wrap-hydro, per square centimeter	Investigational
Q4291	Lamellas xt, per square centimeter	Investigational
Q4292	Lamellas, per square centimeter	Investigational
Q4393	Acesso dl, per square centimeter	Investigational
Q4294	Amnio quad-core, per square centimeter	Investigational

Q4295	Amnio tri-core amniotic, per square centimeter	Investigational
Q4296	Rebound matrix, per square centimeter	Investigational
Q4297	Emerge matrix, per square centimeter	Investigational
Q4298	Amniocore pro, per square centimeter	Investigational
Q4299	Amnicore pro+, per square centimeter	Investigational
Q4300	Acesso tl, per square centimeter	Investigational
Q4301	Activate matrix, per square centimeter	Investigational
Q4302	Complete aca, per square centimeter	Investigational
Q4303	Complete aa, per square centimeter	Investigational
Q4304	Grafix plus, per square centimeter	Investigational
Q4305	American amnion ac tri-layer, per square centimeter"	Investigational
Q4306	American amnion ac, per square centimeter	Investigational
Q4307	American amnion, per square centimeter	Investigational
Q4308	Sanopellis, per square centimeter	Investigational
Q4309	Via matrix, per square centimeter	Investigational
Q4310	Procenta, per 100 mg	Investigational
Q4311	Acesso, per square centimeter	Investigational
Q4312	Acesso ac, per square centimeter	Investigational
Q4313	Dermabind fm, per square centimeter	Investigational
Q4314	Reeva ft, per square centimeter	Investigational
Q4315	Regenelink amniotic membrane allograft, per square centimeter	Investigational
Q4316	Amchoplast, per square centimeter	Investigational
Q4317	Vitograft, per square centimeter	Investigational
Q4318	E-graft, per square centimeter	Investigational
Q4319	Sanograft, per square centimeter	Investigational

Q4320	Pellograft, per square centimeter	Investigational
Q4321	Renograft, per square centimeter	Investigational
Q4322	Caregraft, per square centimeter	Investigational
Q4323	Alloply, per square centimeter	Investigational
Q4324	Amniotx, per square centimeter	Investigational
Q4325	Acapatch, per square centimeter	Investigational
Q4326	Woundplus, per square centimeter	Investigational
Q4327	Duoamnion, per square centimeter	Investigational
Q4328	Most, per square centimeter	Investigational
Q4329	Singlay, per square centimeter	Investigational
Q4330	Total, per square centimeter	Investigational
Q4331	Axolotl graft, per square centimeter	Investigational
Q4332	Axolotl dualgraft, per square centimeter	Investigational
Q4333	Ardeograft, per square centimeter	Investigational
Q4334	Amnioplast 1, per square centimeter	Investigational
Q4335	Amnioplast 2, per square centimeter	Investigational
Q4336	Artacent c, per square centimeter	Investigational
Q4337	Artacent trident, per square centimeter	Investigational
Q4338	Artacent velos, per square centimeter	Investigational
Q4339	Artacent vericlen, per square centimeter	Investigational
Q4340	Simpligraft, per square centimeter	Investigational
Q4341	Simplimax, per square centimeter	Investigational
Q4342	Theramend, per square centimeter	Investigational
Q4343	Dermacyte ac matrix amniotic membrane allograft, per square centimeter	Investigational

Q4344	Tri-membrane wrap, per square centimeter	Investigational
Q4345	Matrix hd allograft dermis, per square centimeter	Investigational
S0596	Phakic intraocular lens for correction of refractive error	Investigational
S1091	Stent, noncoronary, temporary, with delivery system (Propel)	Investigational
S2117	Arthroereisis, subtalar	Investigational
S2230	Implantation of magnetic component of semi-implantable hearing device on ossicles in middle ear	Investigational
S2348	Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, using radiofrequency energy, single or multiple levels, lumbar	Investigational
S3722	Dose optimization by area under the curve (AUC) analysis, for infusional 5-fluorouracil	Investigational
S4988	Penile contracture device, manual, greater than 3 lbs traction force	Investigational
S8040	Topographic brain mapping	Investigational
S8130	Interferential current stimulator, 2 channel	Investigational
S8131	Interferential current stimulator, 4 channel	Investigational
S8930	Electrical stimulation of auricular acupuncture points; each 15 minutes of personal one-on-one contact with patient	Investigational
S9002	Intra-vaginal motion sensor system, provides biofeedback for pelvic floor muscle rehabilitation device	Investigational
S9090	Vertebral axial decompression, per session	Investigational
V2787	Astigmatism correcting function of intraocular lens	Investigational
V2788	Presbyopia correcting function of intraocular lens	Investigational
V2799	Vision item or service, miscellaneous	Investigational

0001A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3mL dosage, diluent reconstituted; first dose	Investigational COVID-19 Effective:(04/18/2023)
0002A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3mL dosage, diluent reconstituted; second dose	Investigational COVID-19 Effective:(04/18/2023)
0003A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, diluent reconstituted; third dose	Investigational COVID-19 Effective:(04/18/2023)
0003U	Oncology (ovarian) biochemical assays of five proteins (apolipoprotein A-1, CA 125 II, follicle stimulating hormone, human epididymis protein 4, transferrin), utilizing serum, algorithm reported as a likelihood score	Investigational
0004A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, diluent reconstituted; booster dose	Investigational COVID-19 Effective:(04/18/2023)
0004M	Scoliosis, DNA analysis of 53 single nucleotide polymorphisms (SNPs), using saliva, prognostic algorithm reported as a risk score	Investigational

0011A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 100 mcg/0.5mL dosage; first dose	Investigational COVID-19 Effective:(04/18/2023)
0011M	Oncology, prostate cancer, mRNA expression assay of 12 genes (10 content and 2 housekeeping), RT-PCR test utilizing blood plasma and urine, algorithms to predict high-grade prostate cancer risk	Investigational
0012A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 100 mcg/0.5mL dosage; second dose	Investigational COVID-19 Effective:(04/18/2023)
0013A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 100 mcg/0.5 mL dosage; third dose	Investigational COVID-19 Effective:(04/18/2023)
0016M	Oncology (bladder), mRNA, microarray gene expression profiling of 209 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as molecular subtype (luminal, luminal infiltrated, basal, basal claudin-low, neuroendocrine-like)	Investigational
0018M	Transplantation medicine (allograft rejection, renal), measurement of donor and third-party-induced CD154+T-cytotoxic memory cells, utilizing whole peripheral blood, algorithm reported as a rejection risk score	Investigational

0019M	Cardiovascular disease, plasma, analysis of protein biomarkers by aptamer-based microarray and algorithm reported as 4-year likelihood of coronary event in high-risk populations	Investigational
0020M	Oncology (central nervous system), analysis of 30000 DNA methylation loci by methylation array, utilizing DNA extracted from tumor tissue, diagnostic algorithm reported as probability of matching a reference tumor subclass	Investigational
0024U	Glycosylated acute phase proteins (GlycA), nuclear magnetic resonance spectroscopy, quantitative	Investigational
0025U	Tenofovir, by liquid chromatography with tandem mass spectrometry (LC-MS/MS), urine, quantitative	Investigational
0031A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, DNA, spike protein, adenovirus type 26 (Ad26) vector, preservative free, 5x10 ¹⁰ viral particles/0.5mL dosage; single dose	Investigational COVID-19 Effective:(05/07/2023)
0034A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, DNA, spike protein, adenovirus type 26 (Ad26) vector, preservative free, 5x10 ¹⁰ viral particles/0.5mL dosage; booster dose	Investigational COVID-19 Effective:(05/07/2023)
0034U	TPMT (thiopurine S-methyltransferase), NUDT15 (nudix hydroxylase 15) (eg, thiopurine metabolism) gene analysis, common variants (ie, TPMT *2, *3A, *3B, *3C, *4, *5, *6, *8, *12; NUDT15 *3, *4, *5)	Investigational

0035U	Neurology (prion disease), cerebrospinal fluid, detection of prion protein by quaking-induced conformational conversion, qualitative	Investigational
0038U	Vitamin D, 25 hydroxy D2 and D3, by LC-MS/MS, serum microsample, quantitative	Investigational
0039U	Deoxyribonucleic acid (DNA) antibody, double stranded, high avidity	Investigational
0041U	Borrelia burgdorferi, antibody detection of 5 recombinant protein groups, by immunoblot, IgM	Investigational
0042U	Borrelia burgdorferi, antibody detection of 12 recombinant protein groups, by immunoblot, IgG	Investigational
0043U	Tick-borne relapsing fever Borrelia group, antibody detection to 4 recombinant protein groups, by immunoblot, IgM	Investigational
0044U	Tick-borne relapsing fever Borrelia group, antibody detection to 4 recombinant protein groups, by immunoblot, IgG	Investigational
0045U	Oncology (breast ductal carcinoma in situ), mRNA, gene expression profiling by real-time RT-PCR of 12 genes (7 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence score	Investigational
0047U	Oncology (prostate), mRNA, gene expression profiling by real-time RT-PCR of 17 genes (12 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a risk score	Investigational

0048U	Oncology (solid organ neoplasia), DNA, targeted sequencing of protein-coding exons of 468 cancer-associated genes, including interrogation for somatic mutations and microsatellite instability, matched with normal specimens, utilizing formalin-fixed paraffin-embedded tumor tissue, report of clinically significant mutation(s)	Investigational
0050U	Targeted genomic sequence analysis panel, acute myelogenous leukemia, DNA analysis, 194 genes, interrogation for sequence variants, copy number variants or rearrangements	Investigational
0051A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; first dose	Investigational COVID-19 Effective:(04/18/2023)
0051U	Prescription drug monitoring, evaluation of drugs present by liquid chromatography tandem mass spectrometry (LC-MS/MS), urine or blood, 31 drug panel, reported as quantitative results, detected or not detected, per date of service	Investigational
0052A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; second dose	Investigational COVID-19 Effective:(04/18/2023)
0052U	Lipoprotein, blood, high resolution fractionation and quantitation of lipoproteins, including all five major lipoprotein classes and subclasses of HDL, LDL, and VLDL by vertical auto profile ultracentrifugation	Investigational

0053A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; third dose	Investigational COVID-19 Effective:(04/18/2023)
0054A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; booster dose	Investigational COVID-19 Effective:(04/18/2023)
0054U	Prescription drug monitoring, 14 or more classes of drugs and substances, definitive tandem mass spectrometry with chromatography, capillary blood, quantitative report with therapeutic and toxic ranges, including steady-state range for the prescribed dose when detected, per date of service	Investigational
0055U	Cardiology (heart transplant), cell-free DNA, PCR assay of 96 DNA target sequences (94 single nucleotide polymorphism targets and two control targets), plasma	Investigational
0058U	Oncology (Merkel cell carcinoma), detection of antibodies to the Merkel cell polyoma virus oncoprotein (small T antigen), serum, quantitative	Investigational
0059U	Oncology (Merkel cell carcinoma), detection of antibodies to the Merkel cell polyoma virus capsid protein (VP1), serum, reported as positive or negative	Investigational
0060U	Twin zygosity, genomic targeted sequence analysis of chromosome 2, using circulating cell-free fetal DNA in maternal blood	Investigational

0061U	Transcutaneous measurement of five biomarkers (tissue oxygenation [StO2], oxyhemoglobin [ctHbO2], deoxyhemoglobin [ctHbR], papillary and reticular dermal hemoglobin concentrations [ctHb1 and ctHb2]), using spatial frequency domain imaging (SFDI) and multi-spectral analysis	Investigational
0062U	Autoimmune (systemic lupus erythematosus), IgG and IgM analysis of 80 biomarkers, utilizing serum, algorithm reported with a risk score	Investigational
0064A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.25 mL dosage, booster dose	Investigational COVID-19 Effective:(04/18/2023)
0067U	Oncology (breast), immunohistochemistry, protein expression profiling of 4 biomarkers (matrix metalloproteinase-1 [MMP-1], carcinoembryonic antigen-related cell adhesion molecule 6 [CEACAM6], hyaluronoglucosaminidase [HYAL1], highly expressed in cancer protein [HEC1]), formalin-fixed paraffin-embedded precancerous breast tissue, algorithm reported as carcinoma risk score	Investigational
0069U	Oncology (colorectal), microRNA, RT-PCR expression profiling of miR-31-3p, formalin-fixed paraffin-embedded tissue, algorithm reported as an expression score	Investigational

0071A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; first dose	Investigational COVID-19 Effective:(04/18/2023)
0071T	Focused ultrasound ablation of uterine leiomyomata, including MR guidance; total leiomyomata volume less than 200 cc of tissue	Investigational
0072A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; second dose	Investigational COVID-19 Effective:(04/18/2023)
0072T	Focused ultrasound ablation of uterine leiomyomata, including MR guidance; total leiomyomata volume greater or equal to 200 cc of tissue	Investigational
0073A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; third dose	Investigational COVID-19 Effective:(04/18/2023)
0074A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; booster dose	Investigational COVID-19 Effective:(04/18/2023)

0075T	Transcatheter placement of extracranial vertebral artery stent(s), including radiologic supervision and interpretation, open or percutaneous; initial vessel	Investigational
0076T	Transcatheter placement of extracranial vertebral artery stent(s), including radiologic supervision and interpretation, open or percutaneous; each additional vessel (List separately in addition to code for primary procedure)	Investigational
0078U	Pain management (opioid-use disorder) genotyping panel, 16 common variants (ie, ABCB1, COMT, DAT1, DBH, DOR, DRD1, DRD2, DRD4, GABA, GAL, HTR2A, HTTLPR, MTHFR, MUOR, OPRK1, OPRM1), buccal swab or other germline tissue sample, algorithm reported as positive or negative risk of opioid-use disorder	Investigational
0080U	Oncology (lung), mass spectrometric analysis of galectin-3-binding protein and scavenger receptor cysteine-rich type 1 protein M130, with five clinical risk factors (age, smoking status, nodule diameter, nodule-spiculation status and nodule location), utilizing plasma, algorithm reported as a categorical probability of malignancy	Investigational
0081A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; first dose	Investigational COVID-19 Effective:(04/18/2023)

0082A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; second dose	Investigational COVID-19 Effective:(04/18/2023)
0082U	Drug test(s), definitive, 90 or more drugs or substances, definitive chromatography with mass spectrometry, and presumptive, any number of drug classes, by instrument chemistry analyzer (utilizing immunoassay), urine, report of presence or absence of each drug, drug metabolite or substance with description and severity of significant interactions per date of service	Investigational
0083A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; third dose	Investigational COVID-19 Effective:(04/18/2023)
0083U	Oncology, response to chemotherapy drugs using motility contrast tomography, fresh or frozen tissue, reported as likelihood of sensitivity or resistance to drugs or drug combinations	Investigational
0084U	Red blood cell antigen typing, DNA, genotyping of 10 blood groups with phenotype prediction of 37 red blood cell antigens	Investigational
0087U	Cardiology (heart transplant), mRNA gene expression profiling by microarray of 1283 genes, transplant biopsy tissue, allograft rejection and injury algorithm reported as a probability score	Investigational

0088U	Transplantation medicine (kidney allograft rejection), microarray gene expression profiling of 1494 genes, utilizing transplant biopsy tissue, algorithm reported as a probability score for rejection	Investigational
0089U	Oncology (melanoma), gene expression profiling by RTqPCR, PRAME and LINC00518, superficial collection using adhesive patch(es)	Investigational
0090U	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 23 genes (14 content and 9 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)	Investigational
0091A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; first dose, when administered to individuals 6 through 11 years	Investigational COVID-19 Effective:(04/18/2023)
0091U	Oncology (colorectal) screening, cell enumeration of circulating tumor cells, utilizing whole blood, algorithm, for the presence of adenoma or cancer, reported as a positive or negative result	Investigational
0092A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; second dose, when administered to individuals 6 through 11 years	Investigational COVID-19 Effective:(04/18/2023)

0092U	Oncology (lung), three protein biomarkers, immunoassay using magnetic nanosensor technology, plasma, algorithm reported as risk score for likelihood of malignancy	Investigational
0093A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; third dose, when administered to individuals 6 through 11 years	Investigational COVID-19 Effective:(04/18/2023)
0094A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; booster dose, when administered to individuals 18 years and over Eosinophilic esophagitis (Eotaxin-3 [CCL26 {C-C motif chemokine ligand 26}] and major basic protein [PRG2 {proteoglycan 2, pro eosinophil major basic protein}]), enzyme-linked immunosorbent assays (ELISA), specimen obtained by esophageal string test device, algorithm reported as probability of active or inactive eosinophilic esophagitis	Investigational COVID-19 Effective:(04/18/2023)
0095U	Eosinophilic esophagitis (Eotaxin-3 [CCL26 {C-C motif chemokine ligand 26}] and major basic protein [PRG2 {proteoglycan 2, pro eosinophil major basic protein}]), enzyme-linked immunosorbent assays (ELISA), specimen obtained by esophageal string test device, algorithm reported as probability of active or inactive eosinophilic esophagitis	Investigational

0100T	Placement of a subconjunctival retinal prosthesis receiver and pulse generator, and implantation of intra-ocular retinal electrode array, with vitrectomy	Investigational
0101T	Extracorporeal shock wave involving musculoskeletal system, not otherwise specified	Investigational
0101U	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (15 genes [sequencing and deletion/duplication], EPCAM and GREM1 [deletion/duplication only])	Investigational
0102T	Extracorporeal shock wave performed by a physician, requiring anesthesia other than local, and involving the lateral humeral epicondyle	Investigational
0102U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (17 genes [sequencing and deletion/duplication])	Investigational
0103U	Hereditary ovarian cancer (eg, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (24 genes [sequencing and deletion/duplication], EPCAM [deletion/duplication only])	Investigational

0105U	Nephrology (chronic kidney disease), multiplex electrochemiluminescent immunoassay (ECLIA) of tumor necrosis factor receptor 1A, receptor superfamily 2 (TNFR1, TNFR2), and kidney injury molecule-1 (KIM-1) combined with longitudinal clinical data, including APOL1 genotype if available, and plasma (isolated fresh or frozen), algorithm reported as probability score for rapid kidney function decline (RKFD)	Investigational
0106T	Quantitative sensory testing (QST), testing and interpretation per extremity; using touch pressure stimuli to assess large diameter sensation	Investigational
0106U	Gastric emptying, serial collection of 7 timed breath specimens, non-radioisotope carbon-13 (¹³ C) spirulina substrate, analysis of each specimen by gas isotope ratio mass spectrometry, reported as rate of ¹³ CO ₂ excretion	Investigational
0107T	Quantitative sensory testing (QST), testing and interpretation per extremity; using vibration stimuli to assess large diameter fiber sensation	Investigational
0108T	Quantitative sensory testing (QST), testing and interpretation per extremity; using cooling stimuli to assess small nerve fiber sensation and hyperalgesia	Investigational
0108U	Gastroenterology (Barrett's esophagus), whole slide-digital imaging, including morphometric analysis, computer-assisted quantitative immunolabeling of 9 protein biomarkers (p16, AMACR, p53, CD68, COX-2, CD45RO, HIF1a, HER-2, K20) and morphology, formalin-fixed paraffin-embedded tissue, algorithm reported as risk of progression to high-grade dysplasia or cancer	Investigational

0109T	Quantitative sensory testing (QST), testing and interpretation per extremity; using heat-pain stimuli to assess small nerve fiber sensation and hyperalgesia	Investigational
0110T	Quantitative sensory testing (QST), testing and interpretation per extremity; using other stimuli to assess sensation	Investigational
0110U	Prescription drug monitoring, one or more oral oncology drug(s) and substances, definitive tandem mass spectrometry with chromatography, serum or plasma from capillary blood or venous blood, quantitative report with steady-state range for the prescribed drug(s) when detected	Investigational
0111A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 100 mcg/0.5mL dosage; first dose	Investigational COVID-19 Effective:(04/18/2023)
0112A	Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 25 mcg/0.25 mL dosage; second dose	Investigational COVID-19 Effective:(04/18/2023)
0113U	Oncology (prostate), measurement of PCA3 and TMPRSS2-ERG in urine and PSA in serum following prostatic massage, by RNA amplification and fluorescence-based detection, algorithm reported as risk score	Investigational
0114U	Gastroenterology (Barrett's esophagus), VIM and CCNA1 methylation analysis, esophageal cells, algorithm reported as likelihood for Barrett's esophagus	Investigational

0118U	Transplantation medicine, quantification of donor-derived cell-free DNA using whole genome next-generation sequencing, plasma, reported as percentage of donor-derived cell-free DNA in the total cell-free DNA	Investigational
0119U	Cardiology, ceramides by liquid chromatography-tandem mass spectrometry, plasma, quantitative report with risk score for major cardiovascular events	Investigational
0120U	Oncology (B-cell lymphoma classification), mRNA, gene expression profiling by fluorescent probe hybridization of 58 genes (45 content and 13 housekeeping genes), formalin-fixed paraffin-embedded tissue, algorithm reported as likelihood for primary mediastinal B-cell lymphoma (PMBCL) and diffuse large B-cell lymphoma (DLBCL) with cell of origin subtyping in the latter	Investigational
0121U	Sickle cell disease, microfluidic flow adhesion (VCAM-1), whole blood	Investigational
0122U	Sickle cell disease, microfluidic flow adhesion (P-Selectin), whole blood	Investigational
0123U	Mechanical fragility, RBC, shear stress and spectral analysis profiling	Investigational
0130U	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatous polyposis), targeted mRNA sequence analysis panel (APC, CDH1, CHEK2, MLH1, MSH2, MSH6, MUTYH, PMS2, PTEN, and TP53) (List separately in addition to code for primary procedure)	Investigational

0131U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), targeted mRNA sequence analysis panel (13 genes) (List separately in addition to code for primary procedure)	Investigational
0132U	Hereditary ovarian cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), targeted mRNA sequence analysis panel (17 genes) (List separately in addition to code for primary procedure)	Investigational
0133U	Hereditary prostate cancer-related disorders, targeted mRNA sequence analysis panel (11 genes) (List separately in addition to code for primary procedure)	Investigational
0134U	Hereditary pan cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), targeted mRNA sequence analysis panel (18 genes) (List separately in addition to code for primary procedure)	Investigational
0135U	Hereditary gynecological cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), targeted mRNA sequence analysis panel (12 genes) (List separately in addition to code for primary procedure)	Investigational
0136U	ATM (ataxia telangiectasia mutated) (eg, ataxia telangiectasia) mRNA sequence analysis (List separately in addition to code for primary procedure)	Investigational
0137U	PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)	Investigational

0138U	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)	Investigational
0152U	Infectious disease (bacteria, fungi, parasites, and DNA viruses), microbial cell-free DNA, plasma, untargeted next-generation sequencing, report for significant positive pathogens	Investigational
0153U	Oncology (breast), mRNA, gene expression profiling by next-generation sequencing of 101 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a triple negative breast cancer clinical subtype(s) with information on immune cell involvement	Investigational
0163T	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), each additional interspace, lumbar (List separately in addition to code for primary procedure)	Investigational
0163U	Oncology (colorectal) screening, biochemical enzyme-linked immunosorbent assay (ELISA) of 3 plasma or serum proteins (teratocarcinoma derived growth factor-1 [TDGF-1, Cripto-1], carcinoembryonic antigen [CEA], extracellular matrix protein [ECM]), with demographic data (age, gender, CRC-screening compliance) using a proprietary algorithm and reported as likelihood of CRC or advanced adenomas	Investigational
0164T	Removal of total disc arthroplasty, (artificial disc), anterior approach, each additional interspace, lumbar (List separately in addition to code for primary procedure)	Investigational

0164U	Gastroenterology (irritable bowel syndrome [IBS]), immunoassay for anti-CdtB and anti-vinculin antibodies, utilizing plasma, algorithm for elevated or not elevated qualitative results	Investigational
0165T	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, each additional interspace, lumbar (List separately in addition to code for primary procedure)	Investigational
0165U	Peanut allergen-specific quantitative assessment of multiple epitopes using enzyme-linked immunosorbent assay (ELISA), blood, individual epitope results and probability of peanut allergy	Investigational
0166U	Liver disease, 10 biochemical assays (a2-macroglobulin, haptoglobin, apolipoprotein A1, bilirubin, GGT, ALT, AST, triglycerides, cholesterol, fasting glucose) and biometric and demographic data, utilizing serum, algorithm reported as scores for fibrosis, necroinflammatory activity, and steatosis with a summary interpretation	Investigational
0169U	NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants	Investigational
0170U	Neurology (autism spectrum disorder [ASD]), RNA, next-generation sequencing, saliva, algorithmic analysis, and results reported as predictive probability of ASD diagnosis	Investigational
0171U	Targeted genomic sequence analysis panel, acute myeloid leukemia, myelodysplastic syndrome, and myeloproliferative neoplasms, DNA analysis, 23 genes, interrogation for sequence variants, rearrangements and minimal residual disease, reported as presence/absence	Investigational

0174U	Oncology (solid tumor), mass spectrometric 30 protein targets, formalin-fixed paraffin-embedded tissue, prognostic and predictive algorithm reported as likely, unlikely, or uncertain benefit of 39 chemotherapy and targeted therapeutic oncology agents	Investigational
0176U	Cytolethal distending toxin B (CdtB) and vinculin IgG antibodies by immunoassay (ie, ELISA)	Investigational
0178U	Peanut allergen-specific quantitative assessment of multiple epitopes using enzyme-linked immunosorbent assay (ELISA), blood, report of minimum eliciting exposure for a clinical reaction	Investigational
0179U	Oncology (non-small cell lung cancer), cell-free DNA, targeted sequence analysis of 23 genes (single nucleotide variations, insertions and deletions, fusions without prior knowledge of partner/breakpoint, copy number variations), with report of significant mutation(s)	Investigational
0180U	Red cell antigen (ABO blood group) genotyping (ABO), gene analysis Sanger/chain termination/conventional sequencing, ABO (ABO, alpha 1-3-N-acetylgalactosaminyltransferase and alpha 1-3-galactosyltransferase) gene, including subtyping, 7 exons	Investigational
0181U	Red cell antigen (Colton blood group) genotyping (CO), gene analysis, AQP1 (aquaporin 1 [Colton blood group]) exon 1	Investigational
0182U	Red cell antigen (Cromer blood group) genotyping (CROM), gene analysis, CD55 (CD55 molecule [Cromer blood group]) exons 1-10	Investigational
0183U	Red cell antigen (Diego blood group) genotyping (DI), gene analysis, SLC4A1 (solute carrier family 4 member 1 [Diego blood group]) exon 19	Investigational

0184U	Red cell antigen (Dombrock blood group) genotyping (DO), gene analysis, ART4 (ADP-ribosyltransferase 4 [Dombrock blood group]) exon 2	Investigational
0185U	Red cell antigen (H blood group) genotyping (FUT1), gene analysis, FUT1 (fucosyltransferase 1 [H blood group]) exon 4	Investigational
0186U	Red cell antigen (H blood group) genotyping (FUT2), gene analysis, FUT2 (fucosyltransferase 2) exon 2	Investigational
0187U	Red cell antigen (Duffy blood group) genotyping (FY), gene analysis, ACKR1 (atypical chemokine receptor 1 [Duffy blood group]) exons 1-2	Investigational
0188U	Red cell antigen (Gerbich blood group) genotyping (GE), gene analysis, GYPC (glycophorin C [Gerbich blood group]) exons 1-4	Investigational
0189U	Red cell antigen (MNS blood group) genotyping (GYPA), gene analysis, GYPA (glycophorin A [MNS blood group]) introns 1, 5, exon 2	Investigational
0190U	Red cell antigen (MNS blood group) genotyping (GYPB), gene analysis, GYPB (glycophorin B [MNS blood group]) introns 1, 5, pseudoexon 3	Investigational
0191U	Red cell antigen (Indian blood group) genotyping (IN), gene analysis, CD44 (CD44 molecule [Indian blood group]) exons 2, 3, 6	Investigational
0192U	Red cell antigen (Kidd blood group) genotyping (JK), gene analysis, SLC14A1 (solute carrier family 14 member 1 [Kidd blood group]) gene promoter, exon 9	Investigational
0193U	Red cell antigen (JR blood group) genotyping (JR), gene analysis, ABCG2 (ATP binding cassette subfamily G member 2 [Junior blood group]) exons 2-26	Investigational
0194U	Red cell antigen (Kell blood group) genotyping (KEL), gene analysis, KEL (Kell metallo-endopeptidase [Kell blood group]) exon 8	Investigational

0195U	KLF1 (Kruppel-like factor 1), targeted sequencing (ie, exon 13)	Investigational
0196U	Red cell antigen (Lutheran blood group) genotyping (LU), gene analysis, BCAM (basal cell adhesion molecule [Lutheran blood group]) exon 3	Investigational
0197U	Red cell antigen (Landsteiner-Wiener blood group) genotyping (LW), gene analysis, ICAM4 (intercellular adhesion molecule 4 [Landsteiner-Wiener blood group]) exon 1	Investigational
0198U	Red cell antigen (RH blood group) genotyping (RHD and RHCE), gene analysis Sanger/chain termination/conventional sequencing, RHD (Rh blood group D antigen) exons 1-10 and RHCE (Rh blood group CcEe antigens) exon 5	Investigational
0199U	Red cell antigen (Scianna blood group) genotyping (SC), gene analysis, ERMAP (erythroblast membrane associated protein [Scianna blood group]) exons 4, 12	Investigational
0200U	Red cell antigen (Kx blood group) genotyping (XK), gene analysis, XK (X-linked Kx blood group) exons 1-3	Investigational
0201U	Red cell antigen (Yt blood group) genotyping (YT), gene analysis, ACHE (acetylcholinesterase [Cartwright blood group]) exon 2	Investigational
0202T	Posterior vertebral joint(s) arthroplasty (eg, facet joint[s] replacement), including facetectomy, laminectomy, foraminotomy, and vertebral column fixation, injection of bone cement, when performed, including fluoroscopy, single level, lumbar spine	Investigational

0203U	Autoimmune (inflammatory bowel disease), mRNA, gene expression profiling by quantitative RT-PCR, 17 genes (15 target and 2 reference genes), whole blood, reported as a continuous risk score and classification of inflammatory bowel disease aggressiveness	Investigational
0205U	Ophthalmology (age-related macular degeneration), analysis of 3 gene variants (2 CFH gene, 1 ARMS2 gene), using PCR and MALDI-TOF, buccal swab, reported as positive or negative for neovascular age-related macular-degeneration risk associated with zinc supplements	Investigational
0206U	Neurology (Alzheimer disease); cell aggregation using morphometric imaging and protein kinase C-epsilon (PKCε) concentration in response to amylospheroid treatment by ELISA, cultured skin fibroblasts, each reported as positive or negative for Alzheimer disease	Investigational
0207T	Evacuation of meibomian glands, automated, using heat and intermittent pressure, unilateral	Investigational
0207U	Neurology (Alzheimer disease); quantitative imaging of phosphorylated ERK1 and ERK2 in response to bradykinin treatment by in situ immunofluorescence, using cultured skin fibroblasts, reported as a probability index for Alzheimer disease (List separately in addition to code for primary procedure)	Investigational
0209U	Cytogenomic constitutional (genome-wide) analysis, interrogation of genomic regions for copy number, structural changes and areas of homozygosity for chromosomal abnormalities	Investigational

0211U	Oncology (pan-tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded tissue, interpretative report for single nucleotide variants, copy number alterations, tumor mutational burden, and microsatellite instability, with therapy association	Investigational
0216U	Neurology (inherited ataxias), genomic DNA sequence analysis of 12 common genes including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants	Investigational
0217U	Neurology (inherited ataxias), genomic DNA sequence analysis of 51 genes including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants	Investigational
0218U	Neurology (muscular dystrophy), DMD gene sequence analysis, including small sequence changes, deletions, duplications, and variants in non-uniquely mappable regions, blood or saliva, identification and characterization of genetic variants	Investigational
0219U	Infectious agent (human immunodeficiency virus), targeted viral next-generation sequence analysis (ie, protease [PR], reverse transcriptase [RT], integrase [INT]), algorithm reported as prediction of antiviral drug susceptibility	Investigational
0220U	Red cell antigen (RH blood group) genotyping (RHD and RHCE), gene analysis, next-generation sequencing, RH proximal promoter, exons 1-10, portions of introns 2-3	Investigational

0227U	Drug assay, presumptive, 30 or more drugs or metabolites, urine, liquid chromatography with tandem mass spectrometry (LC-MS/MS) using multiple reaction monitoring (MRM), with drug or metabolite description, includes sample validation	Investigational
0228U	Oncology (prostate), multianalyte molecular profile by photometric detection of macromolecules adsorbed on nanosponge array slides with machine learning, utilizing first morning voided urine, algorithm reported as likelihood of prostate cancer	Investigational
0229U	BCAT1 (Branched chain amino acid transaminase 1) and IKZF1 (IKAROS family zinc finger 1) (eg, colorectal cancer) promoter methylation analysis	Investigational
0232T	Injection(s), platelet rich plasma, any site, including image guidance, harvesting and preparation when performed	Investigational
0243U	Obstetrics (preeclampsia), biochemical assay of placental-growth factor, time-resolved fluorescence immunoassay, maternal serum, predictive algorithm reported as a risk score for preeclampsia	Investigational
0244U	Oncology (solid organ), DNA, comprehensive genomic profiling, 257 genes, interrogation for single-nucleotide variants, insertions/deletions, copy number alterations, gene rearrangements, tumor-mutational burden and microsatellite instability, utilizing formalin-fixed paraffin-embedded tumor tissue	Investigational

0247U	Obstetrics (preterm birth), insulin-like growth factor-binding protein 4 (IBP4), sex hormone-binding globulin (SHBG), quantitative measurement by LC-MS/MS, utilizing maternal serum, combined with clinical data, reported as predictive-risk stratification for spontaneous preterm birth	Investigational
0248U	Oncology spheroid cell culture in a 3D microenvironment, 12 drug panel, brain or brain metastasis response prediction for each drug	Investigational
0249U	Oncology (breast), semiquantitative analysis of 32 phosphoproteins and protein analytes, includes laser capture microdissection, with algorithmic analysis and interpretative report	Investigational
0250U	Oncology (solid organ neoplasm), targeted genomic sequence DNA analysis of 505 genes, interrogation for somatic alterations (SNVs [single nucleotide variant], small insertions and deletions, one amplification, and four translocations), microsatellite instability and tumor-mutation burden	Investigational
0251U	Hepcidin-25, enzyme-linked immunosorbent assay (ELISA), serum or plasma	Investigational
0252U	Fetal aneuploidy short tandem-repeat comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploidy	Investigational
0253T	Insertion of anterior segment aqueous drainage device, without extraocular reservoir, internal approach, into the suprachoroidal space	Investigational

0253U	Reproductive medicine (endometrial receptivity analysis), RNA gene expression profile, 238 genes by next-generation sequencing, endometrial tissue, predictive algorithm reported as endometrial window of implantation (eg, pre-receptive, receptive, post-receptive)	Investigational
0255U	Andrology (infertility), sperm-capacitation assessment of ganglioside GM1 distribution patterns, fluorescence microscopy, fresh or frozen specimen, reported as percentage of capacitated sperm and probability of generating a pregnancy score	Investigational
0258U	Autoimmune (psoriasis), mRNA, next-generation sequencing, gene expression profiling of 50-100 genes, skin-surface collection using adhesive patch, algorithm reported as likelihood of response to psoriasis biologics	Investigational
0259U	Nephrology (chronic kidney disease), nuclear magnetic resonance spectroscopy measurement of myo-inositol, valine, and creatinine, algorithmically combined with cystatin C (by immunoassay) and demographic data to determine estimated glomerular filtration rate (GFR), serum, quantitative	Investigational
0260U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	Investigational
0261U	Oncology (colorectal cancer), image analysis with artificial intelligence assessment of 4 histologic and immunohistochemical features (CD3 and CD8 within tumor-stroma border and tumor core), tissue, reported as immune response and recurrence-risk score	Investigational

0262U	Oncology (solid tumor), gene expression profiling by real-time RT-PCR of 7 gene pathways (ER, AR, PI3K, MAPK, HH, TGFB, Notch), formalin-fixed paraffin-embedded (FFPE), algorithm reported as gene pathway activity score	Investigational
0263T	Intramuscular autologous bone marrow cell therapy, with preparation of harvested cells, multiple injections, one leg, including ultrasound guidance, if performed; complete procedure including unilateral or bilateral bone marrow harvest	Investigational
0263U	Neurology (autism spectrum disorder [ASD]), quantitative measurements of 16 central carbon metabolites (ie, a-ketoglutarate, alanine, lactate, phenylalanine, pyruvate, succinate, carnitine, citrate, fumarate, hypoxanthine, inosine, malate, S-sulfocysteine, taurine, urate, and xanthine), liquid chromatography tandem mass spectrometry (LC-MS/MS), plasma, algorithmic analysis with result reported as negative or positive (with metabolic subtypes of ASD)	Investigational
0264T	Intramuscular autologous bone marrow cell therapy, with preparation of harvested cells, multiple injections, one leg, including ultrasound guidance, if performed; complete procedure excluding bone marrow harvest	Investigational
0264U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	Investigational

0265T	Intramuscular autologous bone marrow cell therapy, with preparation of harvested cells, multiple injections, one leg, including ultrasound guidance, if performed; unilateral or bilateral bone marrow harvest only for intramuscular autologous bone marrow cell therapy	Investigational
0266T	Implantation or replacement of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)	Investigational
0266U	Unexplained constitutional or other heritable disorders or syndromes, tissue-specific gene expression by whole-transcriptome and next-generation sequencing, blood, formalin-fixed paraffin-embedded (FFPE) tissue or fresh frozen tissue, reported as presence or absence of splicing or expression changes	Investigational
0267T	Implantation or replacement of carotid sinus baroreflex activation device; lead only, unilateral (includes intra-operative interrogation, programming, and repositioning, when performed)	Investigational
0267U	Rare constitutional and other heritable disorders, identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping and whole genome sequencing	Investigational
0268T	Implantation or replacement of carotid sinus baroreflex activation device; pulse generator only (includes intra-operative interrogation, programming, and repositioning, when performed)	Investigational

0269T	Revision or removal of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)	Investigational
0270T	Revision or removal of carotid sinus baroreflex activation device; lead only, unilateral (includes intra-operative interrogation, programming, and repositioning, when performed)	Investigational
0271T	Revision or removal of carotid sinus baroreflex activation device; pulse generator only (includes intra-operative interrogation, programming, and repositioning, when performed)	Investigational
0272T	Interrogation device evaluation (in person), carotid sinus baroreflex activation system, including telemetric iterative communication with the implantable device to monitor device diagnostics and programmed therapy values, with interpretation and report (eg, battery status, lead impedance, pulse amplitude, pulse width, therapy frequency, pathway mode, burst mode, therapy start/stop times each day);	Investigational
0273T	Interrogation device evaluation (in person), carotid sinus baroreflex activation system, including telemetric iterative communication with the implantable device to monitor device diagnostics and programmed therapy values, with interpretation and report (eg, battery status, lead impedance, pulse amplitude, pulse width, therapy frequency, pathway mode, burst mode, therapy start/stop times each day); with programming	Investigational

0274T	Percutaneous laminotomy/laminectomy (interlaminar approach) for decompression of neural elements, (with or without ligamentous resection, discectomy, facetectomy and/or foraminotomy), any method, under indirect image guidance (eg, fluoroscopic, CT), single or multiple levels, unilateral or bilateral; cervical or thoracic	Investigational
0275T	Percutaneous laminotomy/laminectomy (interlaminar approach) for decompression of neural elements, (with or without ligamentous resection, discectomy, facetectomy and/or foraminotomy), any method, under indirect image guidance (eg, fluoroscopic, CT), single or multiple levels, unilateral or bilateral; lumbar	Investigational
0278T	Transcutaneous electrical modulation pain reprocessing (eg, scrambler therapy), each treatment session (includes placement of electrodes)	Investigational
0285U	Oncology, response to radiation, cell-free DNA, quantitative branched chain DNA amplification, plasma, reported as a radiation toxicity score	Investigational
0288U	Oncology (lung), mRNA, quantitative PCR analysis of 11 genes (BAG1, BRCA1, CDC6, CDK2AP1, ERBB3, FUT3, IL11, LCK, RND3, SH3BGR, WNT3A) and 3 reference genes (ESD, TBP, YAP1), formalin-fixed paraffin-embedded (FFPE) tumor tissue, algorithmic interpretation reported as a recurrence risk score	Investigational
0289U	Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score	Investigational

0290U	Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score	Investigational
0291U	Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score	Investigational
0292U	Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score	Investigational
0293U	Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score	Investigational
0294U	Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score	Investigational
0295U	Oncology (breast ductal carcinoma in situ), protein expression profiling by immunohistochemistry of 7 proteins (COX2, FOXA1, HER2, Ki-67, p16, PR, SIAH2), with 4 clinicopathologic factors (size, age, margin status, palpability), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a recurrence risk score	Investigational
0296U	Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing at least 20 molecular features (eg, human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy	Investigational

0297U	Oncology (pan tumor), whole genome sequencing of paired malignant and normal DNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and variant identification	Investigational
0298U	Oncology (pan tumor), whole transcriptome sequencing of paired malignant and normal RNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and expression level and chimeric transcript identification	Investigational
0299U	Oncology (pan tumor), whole genome optical genome mapping of paired malignant and normal DNA specimens, fresh frozen tissue, blood, or bone marrow, comparative structural variant identification	Investigational
0300U	Oncology (pan tumor), whole genome sequencing and optical genome mapping of paired malignant and normal DNA specimens, fresh tissue, blood, or bone marrow, comparative sequence analyses and variant identification	Investigational
0303U	Hematology, red blood cell (RBC) adhesion to endothelial/subendothelial adhesion molecules, functional assessment, whole blood, with algorithmic analysis and result reported as an RBC adhesion index; hypoxic	Investigational
0304U	Hematology, red blood cell (RBC) adhesion to endothelial/subendothelial adhesion molecules, functional assessment, whole blood, with algorithmic analysis and result reported as an RBC adhesion index; normoxic	Investigational

0305U	Hematology, red blood cell (RBC) functionality and deformity as a function of shear stress, whole blood, reported as a maximum elongation index	Investigational
0306U	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis, cell-free DNA, initial (baseline) assessment to determine a patient specific panel for future comparisons to evaluate for MRD	Investigational
0307U	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis of a patient-specific panel, cell-free DNA, subsequent assessment with comparison to previously analyzed patient specimens to evaluate for MRD	Investigational
0308U	Cardiology (coronary artery disease [CAD]), analysis of 3 proteins (high sensitivity [hs] troponin, adiponectin, and kidney injury molecule-1 [KIM-1]), plasma, algorithm reported as a risk score for obstructive CAD	Investigational
0309U	Cardiology (cardiovascular disease), analysis of 4 proteins (NT-proBNP, osteopontin, tissue inhibitor of metalloproteinase-1 [TIMP-1], and kidney injury molecule-1 [KIM-1]), plasma, algorithm reported as a risk score for major adverse cardiac event	Investigational
0310U	Pediatrics (vasculitis, Kawasaki disease [KD]), analysis of 3 biomarkers (NT-proBNP, C-reactive protein, and T-uptake), plasma, algorithm reported as a risk score for KD	Investigational
0311U	Infectious disease (bacterial), quantitative antimicrobial susceptibility reported as phenotypic minimum inhibitory concentration (MIC)-based antimicrobial susceptibility for each organisms identified	Investigational

0312U	Autoimmune diseases (eg, systemic lupus erythematosus [SLE]), analysis of 8 IgG autoantibodies and 2 cell-bound complement activation products using enzyme-linked immunosorbent immunoassay (ELISA), flow cytometry and indirect immunofluorescence, serum, or plasma and whole blood, individual components reported along with an algorithmic SLE-likelihood assessment	Investigational
0313U	Oncology (pancreas), DNA and mRNA next-generation sequencing analysis of 74 genes and analysis of CEA (CEACAM5) gene expression, pancreatic cyst fluid, algorithm reported as a categorical result (ie, negative, low probability of neoplasia or positive, high probability of neoplasia)	Investigational
0314U	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 35 genes (32 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)	Investigational
0315U	Oncology (cutaneous squamous cell carcinoma), mRNA gene expression profiling by RT-PCR of 40 genes (34 content and 6 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical risk result (ie, Class 1, Class 2A, Class 2B)	Investigational
0316U	Borrelia burgdorferi (Lyme disease), OspA protein evaluation, urine	Investigational

0317U	Oncology (lung cancer), four-probe FISH (3q29, 3p22.1, 10q22.3, 10cen) assay, whole blood, predictive algorithm-generated evaluation reported as decreased or increased risk for lung cancer	Investigational
0318U	Pediatrics (congenital epigenetic disorders), whole genome methylation analysis by microarray for 50 or more genes, blood	Investigational
0319U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using pretransplant peripheral blood, algorithm reported as a risk score for early acute rejection	Investigational
0320U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using posttransplant peripheral blood, algorithm reported as a risk score for acute cellular rejection	Investigational
0321U	Infectious agent detection by nucleic acid (DNA or RNA), genitourinary pathogens, identification of 20 bacterial and fungal organisms and identification of 16 associated antibiotic-resistance genes, multiplex amplified probe technique	Investigational
0322U	Neurology (autism spectrum disorder [ASD]), quantitative measurements of 14 acyl carnitines and microbiome-derived metabolites, liquid chromatography with tandem mass spectrometry (LC-MS/MS), plasma, results reported as negative or positive for risk of metabolic subtypes associated with ASD	Investigational

0323U	Infectious agent detection by nucleic acid (DNA and RNA), central nervous system pathogen, metagenomic next-generation sequencing, Cerebrospinal fluid (CSF), identification of pathogenic bacteria, viruses, parasites or fungi	Investigational
0328U	Drug assay, definitive, 120 or more drugs and metabolites, urine, quantitative liquid chromatography with tandem mass spectrometry (LC-MS/MS), includes specimen validity and algorithmic analysis describing drug or metabolite and presence or absence of risks for a significant patient adverse event, per date of service	Investigational
0329U	Oncology (neoplasia), exome and transcriptome sequence analysis for sequence variants, gene copy number amplifications and deletions, gene rearrangements, microsatellite instability and tumor mutational burden utilizing DNA and RNA from tumor with and DNA from normal blood or saliva for subtraction, report of clinically significant mutation(s) with therapy associations	Investigational
0330U	Infectious agent detection by nucleic acid (DNA or RNA), vaginal pathogen panel, identification of 27 organisms, amplified probe technique, vaginal swab	Investigational
0330T	Tear film imaging, unilateral or bilateral, with interpretation and report	Investigational
0331U	Oncology (hematolymphoid neoplasia), optical for copy number alterations and gene rearrangements utilizing DNA from blood or bone marrow, report of clinically significant alternations	Investigational

0332T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment; with tomographic SPECT	Investigational
0332U	Oncology (pan-tumor), genetic profiling of 8 DNA-regulatory (epigenetic) markers by quantitative polymerase chain reaction (qPCR), whole blood, reported as a high or low probability of responding to immune checkpoint-inhibitor therapy	Investigational
0333U	Oncology (liver), surveillance for hepatocellular carcinoma (HCC) in highrisk patients, analysis of methylation patterns on circulating cell-free DNA (cfDNA) plus measurement of serum of AFP/AFP-L3 and oncoprotein des-gammarcarboxy-prothrombin (DCP), algorithm reported as normal or abnormal result	Investigational
0334U	Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffinembedded (FFPE) tumor tissue, DNA analysis, 84 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden	Investigational
0335T	Insertion of sinus tarsi implant	Investigational

<p>0335U</p>	<p>Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, fetal sample, identification and categorization of genetic variants</p>	<p>Investigational</p>
<p>0336U</p>	<p>Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, blood or saliva, identification and categorization of genetic variants, each comparator genome (eg, parent)</p>	<p>Investigational</p>
<p>0337U</p>	<p>Oncology (plasma cell disorders and myeloma), circulating plasma cell immunologic selection, identification, morphological characterization, and enumeration of plasma cells based on differential CD138, CD38, CD19, and CD45 protein biomarker expression, peripheral blood</p>	<p>Investigational</p>

0338T	Transcatheter renal sympathetic denervation, percutaneous approach including arterial puncture, selective catheter placement(s) renal artery(ies), fluoroscopy, contrast injection(s), intraprocedural roadmapping and radiological supervision and interpretation, including pressure gradient measurements, flush aortogram and diagnostic renal angiography when performed; unilateral	Investigational
0338U	Oncology (solid tumor), circulating tumor cell selection, identification, morphological characterization, detection and enumeration based on differential EpCAM, cytokeratins 8, 18, and 19, and CD45 protein biomarkers, and quantification of HER2 protein biomarker-expressing cells, peripheral blood	Investigational
0339T	Transcatheter renal sympathetic denervation, percutaneous approach including arterial puncture, selective catheter placement(s) renal artery(ies), fluoroscopy, contrast injection(s), intraprocedural roadmapping and radiological supervision and interpretation, including pressure gradient measurements, flush aortogram and diagnostic renal angiography when performed; bilateral	Investigational
0339U	Oncology (prostate), mRNA expression profiling of HOXC6 and DLX1, reverse transcription polymerase chain reaction (RT-PCR), first-void urine following digital rectal examination, algorithm reported as probability of high-grade cancer	Investigational

0340U	Oncology (pan-cancer), analysis of minimal residual disease (MRD) from plasma, with assays personalized to each patient based on prior next-generation sequencing of the patient's tumor and germline DNA, reported as absence or presence of MRD, with disease-burden correlation, if appropriate	Investigational
0341U	Fetal aneuploidy DNA sequencing comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploid	Investigational
0342U	Oncology (pancreatic cancer), multiplex immunoassay of C5, C4, cystatin C, factor B, osteoprotegerin (OPG), gelsolin, IGFBP3, CA125 and multiplex electrochemiluminescent immunoassay (ECLIA) for CA19-9, serum, diagnostic algorithm reported qualitatively as positive, negative, or borderline	Investigational
0343U	Oncology (prostate), exosome-based analysis of 442 small noncoding RNAs (sncRNAs) by quantitative reverse transcription polymerase chain reaction (RT-qPCR), urine, reported as molecular evidence of no-, low-, intermediate- or high-risk of prostate cancer	Investigational
0344U	Hepatology (nonalcoholic fatty liver disease [NAFLD]), semiquantitative evaluation of 28 lipid markers by liquid chromatography with tandem mass spectrometry (LC-MS/MS), serum, reported as at-risk for nonalcoholic steatohepatitis (NASH) or not NASH	Investigational

0345U	Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6	Investigational
0346U	Beta amyloid, AB40 and AB42 by liquid chromatography with tandem mass spectrometry (LC-MS/MS), ratio, plasma	Investigational
0347U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 16 gene report, with variant analysis and reported phenotypes	Investigational
0348U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 25 gene report, with variant analysis and reported phenotypes	Investigational
0349U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis, including reported phenotypes and impacted gene-drug interactions	Investigational
0350U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis and reported phenotypes	Investigational
0351U	Infectious disease (bacterial or viral), biochemical assays, tumor necrosis factor-related apoptosis-inducing ligand (TRAIL), interferon gamma-induced protein-10 (IP-10), and C- reactive protein, serum, or venous whole blood, algorithm reported as likelihood of bacterial infection	Investigational

0352U	Infectious disease (bacterial vaginosis and vaginitis), multiplex amplified probe technique, for detection of bacterial vaginosis-associated bacteria (BVAB-2, Atopobium vaginae, and Megasphaera type 1), algorithm reported as detected or not detected and separate detection of Candida species (C. albicans, C. tropicalis, C. parapsilosis, C. dubliniensis), Candida glabrata/Candida krusei, and trichomonas vaginalis, vaginal-fluid specimen, each result reported as detected or not detected	Investigational
0355U	APOL1 (apolipoprotein L1) (eg, chronic kidney disease), risk variants (G1, G2)	Investigational
0356U	Oncology (oropharyngeal or anal), evaluation of 17 DNA biomarkers using droplet digital PCR (ddPCR), cell-free DNA, algorithm reported as a prognostic risk score for cancer recurrence	Investigational
0358U	Neurology (mild cognitive impairment), analysis of B-amyloid 1-42 and 1-40, chemiluminescence enzyme immunoassay, cerebral spinal fluid, reported as positive, likely positive, or negative	Investigational
0359U	Oncology (prostate cancer), analysis of all prostate-specific antigen (PSA) structural isoforms by phase separation and immunoassay, plasma, algorithm reports risk of cancer	Investigational
0360U	Oncology (lung), enzyme-linked immunosorbent assay (ELISA) of 7 autoantibodies (p53, NY-ESO-1, CAGE, GBU4-5, SOX2, MAGE A4, and HuD), plasma, algorithm reported as a categorical result for risk of malignancy	Investigational
0361U	Neurofilament light chain, digital immunoassay, plasma, quantitative	Investigational

0362U	Oncology (papillary thyroid cancer), gene-expression profiling via targeted hybrid capture-enrichment RNA sequencing of 82 content genes fine needle aspiration or formalin-fixed paraffin embedded (FFPE) tissue, algorithm reported as one of three molecular subtypes	Investigational
0363U	Oncology (urothelial), mRNA, geneexpression profiling by real-time quantitative PCR of 5 genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm incorporates age, sex, smoking history, and macrohematuria frequency, reported as a risk score for having urothelial carcinoma	Investigational
0365U	Oncology (bladder), analysis of 10 protein biomarkers (A1AT, ANG, APOE, CA9, IL8, MMP9, MMP10, PAI1, SDC1 and VEGFA) by immunoassays, urine, algorithm reported as a probability of bladder cancer	Investigational
0366U	Oncology (bladder), analysis of 10 protein biomarkers (A1AT, ANG, APOE, CA9, IL8, MMP9, MMP10, PAI1, SDC1 and VEGFA) by immunoassays, urine, algorithm reported as a probability of recurrent bladder cancer	Investigational
0367U	Oncology (bladder), analysis of 10 protein biomarkers (A1AT, ANG, APOE, CA9, IL8, MMP9, MMP10, PAI1, SDC1 and VEGFA) by immunoassays, urine, diagnostic algorithm reported as a risk score for probability of rapid recurrence of recurrent or persistent cancer following transurethral resection	Investigational

0369U	Infectious agent detection by nucleic acid (DNA and RNA), gastrointestinal pathogens, 31 bacterial, viral, and parasitic organisms and identification of 21 associated antibiotic-resistance genes, multiplex amplified probe technique	Investigational
0370U	Infectious agent detection by nucleic acid (DNA and RNA), surgical wound pathogens, 34 microorganisms and identification of 21 associated antibiotic-resistance genes, multiplex amplified probe technique, wound swab	Investigational
0371U	Infectious agent detection by nucleic acid (DNA or RNA), genitourinary pathogen, semiquantitative identification, DNA from 16 bacterial organisms and 1 fungal organism, multiplex amplified probe technique via quantitative polymerase chain reaction (qPCR), urine	Investigational
0372U	Infectious disease (genitourinary pathogens), antibiotic-resistance gene detection, multiplex amplified probe technique, urine, reported as an antimicrobial stewardship risk score	Investigational
0374U	Infectious agent detection by nucleic acid (DNA or RNA), genitourinary pathogens, identification of 21 bacterial and fungal organisms and identification of 21 associated antibiotic-resistance genes, multiplex amplified probe technique, urine	Investigational

0375U	Oncology (ovarian), biochemical assays of 7 proteins (follicle stimulating hormone, human epididymis protein 4, apolipoprotein A-1, transferrin, beta-2 macroglobulin, prealbumin [ie, transthyretin], and cancer antigen 125), algorithm reported as ovarian cancer risk score	Investigational
0376U	Oncology (ovarian), biochemical assays of 7 proteins (follicle stimulating hormone, human epididymis protein 4, apolipoprotein A-1, transferrin, beta-2 macroglobulin, prealbumin [ie, transthyretin], and cancer antigen 125), algorithm reported as ovarian cancer risk score	Investigational
0377U	Cardiovascular disease, quantification of advanced serum or plasma lipoprotein profile, by nuclear magnetic resonance (NMR) spectrometry with report of a lipoprotein profile (including 23 variables)	Investigational
0378U	RFC1 (replication factor C subunit 1), repeat expansion variant analysis by traditional and repeat-primed PCR, blood, saliva, or buccal swab	Investigational
0379U	Targeted genomic sequence analysis panel, solid organ neoplasm, DNA (523 genes) and RNA (55 genes) by next-generation sequencing, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability, and tumor mutational burden	Investigational
0380U	Drug metabolism (adverse drug reactions and drug response), targeted sequence analysis, 20 gene variants and CYP2D6 deletion or duplication analysis with reported genotype and phenotype	Investigational

0384U	Nephrology (chronic kidney disease), carboxymethyllysine, methylglyoxal hydroimidazolone, and carboxyethyl lysine by liquid chromatography with tandem mass spectrometry (LCMS/MS) and HbA1c and estimated glomerular filtration rate (GFR), with risk score reported for predictive progression to high-stage kidney disease	Investigational
0385U	Nephrology (chronic kidney disease), apolipoprotein A4 (ApoA4), CD5 antigen-like (CD5L), and insulin-like growth factor binding protein 3 (IGFBP3) by enzyme-linked immunoassay (ELISA), plasma, algorithm combining results with HDL, estimated glomerular filtration rate (GFR) and clinical data reported as a risk score for developing diabetic kidney disease	Investigational
0387U	Oncology (melanoma), autophagy and beclin 1 regulator 1 (AMBRA1) and loricrin (AMLo) by immunohistochemistry, formalin-fixed paraffin-embedded (FFPE) tissue, report for risk of progression	Investigational
0389U	Pediatric febrile illness (Kawasaki disease [KD]), interferon alpha-inducible protein 27 (IFI27) and mast cell-expressed membrane protein 1 (MCEMP1), RNA, using quantitative reverse transcription polymerase chain reaction (RT-qPCR), blood, reported as a risk score for KD	Investigational
0390U	Obstetrics (preeclampsia), kinase insert domain receptor (KDR), Endoglin (ENG), and retinol-binding protein 4 (RBP4), by immunoassay, serum, algorithm reported as a risk score	Investigational

0391U	"Oncology (solid tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded (FFPE) tissue, 437 genes, interpretive report for single nucleotide variants, splice site variants, insertions/deletions, copy number alterations, gene fusions, tumor mutational burden, and microsatellite instability, with algorithm quantifying immunotherapy response score"	Investigational
0392U	"Drug metabolism (depression, anxiety, attention deficit hyperactivity disorder [ADHD]), gene-drug interactions, variant analysis of 16 genes, including deletion/duplication analysis of CYP2D6, reported as impact of gene-drug interaction for each drug"	Investigational
0393U	SYNTap® Biomarker Test by Amprion Clinical Laboratory. The lab, this chemistry test aids in the diagnosis of synucleinopathies (e.g., Parkinson's disease, Lewy body dementia, multiple system atrophy (MSA), Lewy body variant of Alzheimer's disease) and differential diagnosis of other movement and cognitive disorders. A CSF specimen is subjected to qualitative seed amplification assay assessment for detection of misfolded aggregates of α -synuclein protein	Investigational

0394U	PFAS Testing & PFASure™, by National Medical Services (NMS Labs). Per the lab, this chemistry quantitative toxicology test, monitors for Perfluoroalkyl Substances, (eg. perfluorooctanoic acid, perfluorooctane sulfonic acid). Plasma or serum is analyzed by HPLC/Tandem Mass Spectrometry (LC-MS/MS) for 16 PFAS compounds and reported with a calculated NASEM Summation value (National Academies of Science, Engineering and Medicine guidance value). The US Department of Defense, Lab Corp (and other large national clinical laboratories) and individual State-Level agencies will order this testing in Serum/Plasma matrix to monitor for exposure to PFAS. NMS Labs anticipates that testing will begin in Q1 2023. Testing will be high volume.	Investigational
0395U	"Oncology (lung), multi-omics (microbial DNA by shotgun nextgeneration sequencing and carcinoembryonic antigen and osteopontin by immunoassay), plasma, algorithm reported as malignancy risk for lung nodules in early-stage disease"	Investigational
0397T	Endoscopic retrograde cholangiopancreatography (ERCP), with optical endomicroscopy (List separately in addition to code for primary procedure)	Investigational
0398U	"Gastroenterology (Barrett esophagus), P16, RUNX3, HPP1, and FBN1 DNA methylation analysis using PCR, formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as risk score for progression to high-grade dysplasia or cancer"	Investigational

0399U	Neurology (cerebral folate deficiency), serum, detection of anti-human folate receptor IgG binding antibody and blocking autoantibodies by enzyme-linked immunoassay (ELISA), qualitative, and blocking autoantibodies, using a functional blocking assay for IgG or IgM, quantitative, reported as positive or not detected	Investigational
0400U	Obstetrics (expanded carrier screening), 145 genes by next generation sequencing, fragment analysis and multiplex ligation dependent probe amplification, DNA, reported as carrier positive or negative	Investigational
0401U	Cardiology (coronary heart disease [-CHD]), 9 genes (12 variants), targeted variant genotyping, blood, saliva, or buccal swab, algorithm reported as a genetic risk score for a coronary event	Investigational
0403U	Oncology (prostate), mRNA, gene expression profiling of 18 genes, first-catch urine, algorithm reported as percentage of likelihood of detecting clinically significant prostate cancer	Investigational
0404U	Oncology (breast), semiquantitative measurement of thymidine kinase activity by immunoassay, serum, results reported as risk of disease progression	Investigational
0405U	Oncology (pancreatic), 59 methylation haplotype block markers, next-generation sequencing, plasma, reported as cancer signal detected or not detected	Investigational
0406U	Oncology (lung), flow cytometry, sputum, 5 markers (meso-tetra [4-carboxyphenyl] porphyrin [TCPP], CD206, CD66b, CD3, CD19), algorithm reported as likelihood of lung cancer	Investigational

0407U	Nephrology (diabetic chronic kidney disease [CKD]), multiplex electrochemiluminescent immunoassay (ECLIA) of soluble tumor necrosis factor receptor 1 (sTNFR1), soluble tumor necrosis receptor 2 (sTNFR2), and kidney injury molecule 1 (KIM-1) combined with clinical data, plasma, algorithm reported as risk for progressive decline in kidney function	Investigational
0408U	Infectious agent antigen detection by bulk acoustic wave biosensor immunoassay, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19])	Investigational
0410U	Oncology (pancreatic), DNA, whole genome sequencing with 5-hydroxymethylcytosine enrichment, whole blood or plasma, algorithm reported as cancer detected or not detected	Investigational
0411U	Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6 (For additional PLA code with identical clinical descriptor, see 0345U. See Appendix O to determine appropriate code assignment)	Investigational
0412U	Beta amyloid, AB42/40 ratio, immunoprecipitation with quantitation by liquid chromatography with tandem mass spectrometry (LC-MS/MS) and qualitative ApoE isoform-specific proteotyping, plasma combined with age, algorithm reported as presence or absence of brain amyloid pathology	Investigational
0413U	Oncology (hematolymphoid neoplasm), optical genome mapping for copy number alterations, aneuploidy, and balanced/complex structural rearrangements, DNA from blood or bone marrow, report of clinically significant alterations	Investigational

0414U	Oncology (lung), augmentative algorithmic analysis of digitized whole slide imaging for 8 genes (ALK, BRAF, EGFR, ERBB2, MET, NTRK1-3, RET, ROS1), and KRAS G12C and PD-L1, if performed, formalin-fixed paraffinembedded (FFPE) tissue, reported as positive or negative for each biomarker	Investigational
0415U	Cardiovascular disease (acute coronary syndrome [ACS]), IL-16, FAS, FASLigand, HGF, CTACK, EOTAXIN, and MCP-3 by immunoassay combined with age, sex, family history, and personal history of diabetes, blood, algorithm reported as a 5-year (deleted risk) score for ACS	Investigational
0417U	Rare diseases (constitutional/heritable disorders), whole mitochondrial genome sequence with heteroplasmy detection and deletion analysis, nuclearencoded mitochondrial gene analysis of 335 nuclear genes, including sequence changes, deletions, insertions, and copy number variants analysis, blood or saliva, identification and categorization of mitochondrial disorder-associated genetic variants	Investigational
0418U	Oncology (breast), augmentative algorithmic analysis of digitized whole slide imaging of 8 histologic and immunohistochemical features, reported as a recurrence score	Investigational
0419U	Neuropsychiatry (eg, depression, anxiety), genomic sequence analysis panel, variant analysis of 13 genes, saliva or buccal swab, report of each gene phenotype	Investigational

0420U	Oncology (bladder), mRNA expression profiling by real time quantitative PCR of 5 genes (MDK, HOXA13, CDC2, IGFBP5, and CXCR2) in combination with ddPCR analysis of 6 single nucleotide polymorphisms in two genes (TERT and FGFR3) utilizing a midstream voided urine sample, algorithm reported as a risk score of having urothelial carcinoma	Investigational
0421U	Oncology (colorectal) screening, quantitative real-time target and signal amplification of 8 RNA markers (GAPDH, SMAD4, ACY1, AREG, CDH1, KRAS, TNFRSF10B, and EGLN2) and fecal hemoglobin, utilizing stool, algorithm reported as a positive or negative result	Investigational
0422U	Oncology (pan-cancer), analysis of DNA biomarker response to anti-cancer therapy using cell-free circulating DNA, biomarker comparison to a previous baseline pre-treatment cell-free circulating DNA analysis using next-generation sequencing, algorithm reported as a quantitative change from baseline, including specific alterations, if appropriate	Investigational
0423U	Gene analysis panel for detection of variants in 26 genes associated with psychiatric and other pharmaceutical treatment (eg, depression, anxiety), genomic analysis panel, variant analysis of 26 genes	Investigational
0424U	Oncology (prostate) analysis of 53 small noncoding RNAs (sncRNAs), extracted from urinary exosomes, by quantitative real time polymerase chain reaction (rt-qPCR), reported as no molecular evidence, low-, moderate- or elevated-risk of prostate cancer	Investigational
0427U	Monocyte distribution width, whole blood (list separately in addition to code for primary procedure)	Investigational

0429U	Infectious disease (viral), real-time PCR testing for 14 high-risk HPV types using oropharyngeal swab	Investigational
0430U	Gastroenterology, malabsorption evaluation of alpha-1-antitrypsin, calprotectin, pancreatic elastase and reducing substances, feces, quantitative	Investigational
0431U	Glycine Receptor Alpha1 IgG, serum or cerebrospinal fluid (CSF), live Cell-Binding Assay (LCBA), qualitative	Investigational
0432U	Kelch-Like Protein 11 (KLHL11) Antibody, serum or cerebrospinal fluid (CSF), cell-binding assay, qualitative	Investigational
0433U	Oncology (prostate) 5 DNA regulatory markers by quantitative PCR, whole blood, algorithm, including prostate-specific antigen, reported as likelihood of cancer.	Investigational
0434U	Drug metabolism (adverse drug reactions and drug response), genomic analysis panel, variant analysis of 25 genes with reported phenotypes	Investigational
0435U	Oncology, chemotherapeutic drug cytotoxicity assay of cancer stem cells (CSCs), from cultured CSCs and primary tumor cells, categorical drug response reported based on cytotoxicity percentage observed, minimum of 14 drugs or drug combinations	Investigational
0436U	Oncology (lung), plasma analysis of 388 proteins, using aptamer-based proteomics technology, predictive algorithm reported as clinical benefit from immune checkpoint inhibitor therapy.	Investigational
0437U	Psychiatry (anxiety disorders), mRNA gene expression profiling by RNA sequencing of 15 biomarkers, whole blood, algorithm reported as predictive risk score	Investigational

0438U	Drug Metabolism (adverse drug reactions and drug response) buccal specimen, gene-drug interactions, variant analysis of 33 genes, including deletion/duplication analysis of CYP2D6, including reported phenotypes and impacted gene-drug interactions	Investigational
0439U	Cardiology (coronary heart disease [CHD]), DNA, analysis of 5 single-nucleotide polymorphisms (SNPs) (rs11716050 [LOC105376934], rs6560711 [WDR37], rs3735222 [SCIN/LOC107986769], rs6820447 [intergenic], and rs9638144 [ESYT2]) and 3 DNA methylation markers (cg00300879 [transcription start site {TSS200} of CNKSR1], cg09552548 [intergenic], and cg14789911 [body of SPATC1L]), qPCR and digital PCR, whole blood, algorithm reported as a 4-tiered risk score for a 3-year risk of symptomatic CHD	Investigational
0440U	Cardiology (coronary heart disease [CHD]), DNA, analysis of 10 single-nucleotide polymorphisms (SNPs) (rs710987 [LINC010019], rs1333048 [CDKN2B-AS1], rs12129789 [KCND3], rs942317 [KTN1-AS1], rs1441433 [PPP3CA], rs2869675 [PREX1], rs4639796 [ZBTB41], rs4376434 [LINC00972], rs12714414 [TMEM18], and rs7585056 [TMEM18]) and 6 DNA methylation markers (cg03725309 [SARS1], cg12586707 [CXCL1, cg04988978 [MPO], cg17901584 [DHCR24-DT], cg21161138 [AHRR], and cg12655112 [EHD4]), qPCR and digital PCR, whole blood, algorithm reported as detected or not detected for CHD	Investigational
0441U	Infectious disease (bacterial, fungal or viral infection), semiquantitative biomechanical assessment (via deformability cytometry), whole blood, with algorithmic analysis and result reported as an index.	Investigational

0442U	Infectious disease (respiratory infection), Myxovirus resistance protein A (MxA) and C-reactive protein (CRP), fingerstick whole blood specimen, each biomarker reported as present or absent	Investigational
0443U	Neurofilament light chain (NfL), ultra-sensitive immunoassay , serum or cerebrospinal fluid	Investigational
0444U	Oncology (solid organ neoplasia), targeted genomic sequence panel of 361 genes, interrogation for gene fusions, translocations, or other rearrangements, using DNA from formalin-fixed paraffin-embedded (DDPE) tumor tissue, report of clinically significant variant(s)	Investigational
0445U	Bamyloid (Abeta42) and Phospho Tau (181P) (pTau181), electrochemiluminescence immunoassay (ECLIA), cerebral spinal fluid, ratio reported as positive or negative for amyloid pathology	Investigational
0446U	Autoimmune diseases (systemic lupus erythematosus) [SLE], analysis of 10 cytokine soluble mediator biomarkers by immunoassay, plasma, individual components reported with an algorithmic risk score for current disease activity	Investigational
0447U	Autoimmune diseases (systemic lupus erythematosus [SLE]), analysis of 11 cytokine soluble mediator biomarkers by immunoassay, plasma, individual components reported with an algorithmic prognostic risk score for developing a clinical flare	Investigational
0449U	Carrier screening for severe inherited conditions (eg, cystic fibrosis, spinal muscular atrophy, beta hemoglobinopathies [including sickle cell disease], alpha thalassemias) regardless of race or self-identified ancestry, genomic sequence analysis of 5 genes (CFTR, SMN1, HBB, HBA1, HBA2)	Investigational

0441T	Ablation, percutaneous, cryoablation, includes imaging guidance; lower extremity distal/peripheral nerve	Investigational
0450U	Oncology (multiple myeloma), liquid chromatography with tandem mass spectrometry (LC-MS/MS), monoclonal paraprotein sequencing analysis, serum, results reported as baseline presence or absence of detectable clonotypic peptides	Investigational
0451U	Oncology (multiple myeloma), LC-MS/MS, peptide ion quantification, serum, results compared with baseline to determine monoclonal paraprotein abundance	Investigational
0452U	Oncology (bladder), methylated PENK DNA detection by linear target enrichment-quantitative methylation-specific real-time PCR (LTE-qMSP), urine, reported as likelihood of bladder cancer	Investigational
0453U	Oncology (colorectal cancer), cell-free DNA (cfDNA), methylation-based quantitative PCR assay (SEPTIN9, IKZF1, BCAT1, Septin9-2, VAV3, BCAN), plasma, reported as presence or absence of circulating tumor DNA (ctDNA)	Investigational
0456U	Autoimmune (rheumatoid arthritis), next-generation sequencing (NGS), gene expression testing of 19 genes, whole blood, with analysis of anti-cyclic citrullinated peptides (CCP) levels, combined with sex, patient global assessment, and body mass index (BMI), algorithm reported as a score that predicts nonresponse to tumor necrosis factor inhibitor (TNFi) therapy	Investigational
0457U	Perfluoroalkyl substances (PFAS) (eg, perfluorooctanoic acid, perfluorooctane sulfonic acid), 9 PFAS compounds by LC-MS/MS, plasma or serum, quantitative	Investigational

0458U	Oncology (breast cancer), S100A8 and S100A9, by enzyme-linked immunosorbent assay (ELISA), tear fluid with age, algorithm reported as a risk score	Investigational
0460U	Oncology, whole blood or buccal, DNA single-nucleotide polymorphism (SNP) genotyping by real-time PCR of 24 genes, with variant analysis and reported phenotypes	Investigational
0461U	Oncology, pharmacogenomic analysis of single-nucleotide polymorphism (SNP) genotyping by real-time PCR of 24 genes, whole blood or buccal swab, with variant analysis, including impacted gene-drug interactions and reported phenotypes	Investigational
0462U	Melatonin levels test, sleep study, 7 or 9 sample melatonin profile (cortisol optional), enzyme-linked immunosorbent assay (ELISA), saliva, screening/preliminary	Investigational
0463U	Oncology (cervix), mRNA gene expression profiling of 14 biomarkers (E6 and E7 of the highest-risk human papillomavirus [HPV] types 16, 18, 31, 33, 45, 52, 58), by real-time nucleic acid sequence-based amplification (NASBA), exo- or endocervical epithelial cells, algorithm reported as positive or negative for increased risk of cervical dysplasia or cancer for each biomarker	Investigational
0464U	Oncology (colorectal) screening, quantitative real-time target and signal amplification, methylated DNA markers, including LASS4, LRRC4 and PPP2R5C, a reference marker ZDHHC1, and a protein marker (fecal hemoglobin), utilizing stool, algorithm reported as a positive or negative result	Investigational

0465U	Oncology (urothelial carcinoma), DNA, quantitative methylation-specific PCR of 2 genes (ONECUT2, VIM), algorithmic analysis reported as positive or negative	Investigational
0466U	Cardiology (coronary artery disease [CAD]), DNA, genome-wide association studies (564856 single-nucleotide polymorphisms [SNPs], targeted variant genotyping), patient lifestyle and clinical data, buccal swab, algorithm reported as polygenic risk to acquired heart disease	Investigational
0467U	Oncology (bladder), DNA, next-generation sequencing (NGS) of 60 genes and whole genome aneuploidy, urine, algorithms reported as minimal residual disease (MRD) status positive or negative and quantitative disease burden	Investigational
0468U	Hepatology (nonalcoholic steatohepatitis [NASH]), miR-34a-5p, alpha 2-macroglobulin, YKL40, HbA1c, serum and whole blood, algorithm reported as a single score for NASH activity and fibrosis	Investigational
0469U	Rare diseases (constitutional/heritable disorders), whole genome sequence analysis for chromosomal abnormalities, copy number variants, duplications/deletions, inversions, unbalanced translocations, regions of homozygosity (ROH), inheritance pattern that indicate uniparental disomy (UPD), and aneuploidy, fetal sample (amniotic fluid, chorionic villus sample, or products of conception), identification and categorization of genetic variants, diagnostic report of fetal results based on phenotype with maternal sample and paternal sample, if performed, as comparators and/or maternal cell contamination	Investigational

0470U	Oncology (oropharyngeal), detection of minimal residual disease by next-generation sequencing (NGS) based quantitative evaluation of 8 DNA targets, cell-free HPV 16 and 18 DNA from plasma	Investigational
0472U	Carbonic anhydrase VI (CA VI), parotid specific/secretory protein (PSP) and salivary protein (SP1) IgG, IgM, and IgA antibodies, enzyme-linked immunosorbent assay (ELISA), semiquantitative, blood, reported as predictive evidence of early Sjogren syndrome	Investigational
0474U	Hereditary pan-cancer (eg, hereditary sarcomas, hereditary endocrine tumors, hereditary neuroendocrine tumors, hereditary cutaneous melanoma), genomic sequence analysis panel of 88 genes with 20 duplications/deletions using next-generation sequencing (NGS), Sanger sequencing, blood or saliva, reported as positive or negative for germline variants, each gene	Investigational
0475U	Hereditary prostate cancer-related disorders, genomic sequence analysis panel using next-generation sequencing (NGS), Sanger sequencing, multiplex ligation-dependent probe amplification (MLPA), and array comparative genomic hybridization (CGH), evaluation of 23 genes and duplications/deletions when indicated, pathologic mutations reported with a genetic risk score for prostate cancer	Investigational
0476U	Drug metabolism, psychiatry (eg, major depressive disorder, general anxiety disorder, attention deficit hyperactivity disorder [ADHD], schizophrenia), whole blood, buccal swab, and pharmacogenomic genotyping of 14 genes and CYP2D6 copy number variant analysis and reported phenotypes	Investigational

0477U	Drug metabolism, psychiatry (eg, major depressive disorder, general anxiety disorder, attention deficit hyperactivity disorder [ADHD], schizophrenia), whole blood, buccal swab, and pharmacogenomic genotyping of 14 genes and CYP2D6 copy number variant analysis, including impacted gene-drug interactions and reported phenotypes	Investigational
0478U	Oncology (non-small cell lung cancer), DNA and RNA, digital PCR analysis of 9 genes (EGFR, KRAS, BRAF, ALK, ROS1, RET, NTRK 1/2/3, ERBB2 and MET) in formalin-fixed paraffin-embedded (FFPE) tissue, interrogation for single nucleotide variants, insertions/deletions, gene rearrangements, and reported as actionable detected variants for therapy selection	Investigational
0479U	Tau, phosphorylated, pTau217	Investigational
0482U	Obstetrics (preeclampsia), biochemical assay of soluble fms-like tyrosine kinase 1 (sFLT-1) and placental growth factor (PIGF), serum, ratio reported for sFLT-1/PIGF, with risk of progression for preeclampsia with severe features within 2 weeks	Investigational
0483U	Infectious disease (Neisseria gonorrhoeae), sensitivity, ciprofloxacin resistance (gyrA S91F point mutation), oral/rectal/vaginal swab, algorithm reported as probability of fluoroquinolone resistance	Investigational
0484U	Infectious disease (Mycoplasma genitalium), macrolide sensitivity, (23S rRNA point mutation), oral/rectal/vaginal swab, algorithm reported as probability of macrolide resistance	Investigational

0485U	Oncology (solid tumor), cell-free DNA and RNA by next-generation sequencing, interpretative report for germline mutations, clonal hematopoiesis of indeterminate potential, and tumor-derived single nucleotide variants, small insertions/deletions, copy number alterations, fusions, microsatellite instability and tumor mutational burden.	Investigational
0486U	Oncology (pan-solid tumor), nextgeneration sequencing analysis of tumor methylation markers present in cell-free circulating tumor DNA, algorithm reported as quantitative measurement of methylation as a correlate of tumor fraction	Investigational
0487U	Oncology (solid tumor), cell-free circulating DNA, targeted genomic sequence analysis panel of 84 genes, interrogation for sequence variants, aneuploidycorrected gene copy number amplifications and losses, gene rearrangements, and microsatellite instability	Investigational
0488U	Obstetrics (fetal antigen noninvasive prenatal test), cellfree DNA sequence analysis for detection of fetal presence or absence of 1 or more of the Rh, C, c, D, E, Duffy (Fya), or Kell (K) antigen in alloimmunized pregnancies, reported as selected antigen(s) detected or not detected	Investigational

0489U	Obstetrics (single-gene noninvasive prenatal test), cellfree DNA sequence analysis of 1 or more targets (eg, CFTR, SMN1, HBB, HBA1, HBA2) to identify paternally inherited pathogenic variants, and relative mutation-dosage analysis based on molecular counts to determine fetal inheritance of maternal mutation, algorithm reported as a fetal risk score for the condition (eg, cystic fibrosis, spinal muscular atrophy, beta hemoglobinopathies [including sickle cell disease], alpha thalassemia)	Investigational
0490U	Oncology (cutaneous or uveal melanoma), circulating tumor cell selection, morphological characterization and enumeration based on differential CD146, high molecular-weight melanoma associated antigen, CD34 and CD45 protein biomarkers, peripheral blood	Investigational
0491U	Oncology (solid tumor), circulating tumor cell selection, morphological characterization and enumeration based on differential epithelial cell adhesion molecule (EpCAM), cytokeratins 8, 18, and 19, CD45 protein biomarkers, and quantification of estrogen receptor (ER) protein biomarker-expressing cells, peripheral blood	Investigational
0492U	Oncology (solid tumor), circulating tumor cell selection, morphological characterization and enumeration based on differential epithelial cell adhesion molecule (EpCAM), cytokeratins 8, 18, and 19, CD45 protein biomarkers, and quantification of PD-L1 protein biomarker- expressing cells, peripheral blood	Investigational

0493U	Transplantation medicine, quantification of donor-derived cell-free DNA (cfDNA) using nextgeneration sequencing, plasma, reported as percentage of donor derived cell-free DNA	Investigational
0494U	Red blood cell antigen (fetal RhD gene analysis), next-generation sequencing of circulating cell-free DNA (cfDNA) of blood in pregnant individuals known to be RhD negative, reported as positive or negative	Investigational
0495U	Oncology (prostate), analysis of circulating plasma proteins (tPSA, fPSA, KLK2, PSP94, and GDF15), germline polygenic risk score (60 variants), clinical information (age, family history of prostate cancer, prior negative prostate biopsy), algorithm reported as risk of likelihood of detecting clinically significant prostate cancer	Investigational
0496U	Oncology (colorectal), cell-free DNA, 8 genes for mutations, 7 genes for methylation by real-time RT-PCR, and 4 proteins by enzyme-linked immunosorbent assay, blood, reported positive or negative for colorectal cancer or advanced adenoma risk	Investigational
0497U	Oncology (prostate), mRNA gene expression profiling by real-time RT-PCR of 6 genes (FOXM1, MCM3, MTUS1, TTC21B, ALAS1, and PPP2CA), utilizing formalin fixed paraffin-embedded (FFPE) tissue, algorithm reported as a risk score for prostate cancer	Investigational
0498U	Oncology (colorectal), next generation sequencing for mutation detection in 43 genes and methylation pattern in 45 genes, blood, and formalin-fixed paraffin-embedded (FFPE) tissue, report of variants and methylation pattern with interpretation	Investigational

0499U	Oncology (colorectal and lung), DNA from formalin-fixed paraffin embedded (FFPE) tissue, next generation sequencing of 8 genes (NRAS, EGFR, CTNNB1, PIK3CA, APC, BRAF, KRAS, and TP53), mutation detection	Investigational
0500U	Autoinflammatory disease (VEXAS syndrome), DNA, UBA1 gene mutations, targeted variant analysis (M41T, M41V, M41L, c.118-2A>C, c.118-1G>C, c.118- 9_118-2del, S56F, S621C)	Investigational
0501U	Oncology (colorectal), blood, cell free DNA (cfDNA)	Investigational
0502U	Human papillomavirus (HPV), E6/E7 markers for high-risk types (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, and 68), cervical cells, branched-chain capture hybridization, reported as negative or positive for high risk for HPV	Investigational
0503U	Neurology (Alzheimer disease), beta amyloid (AB40, AB42, AB42/40 ratio) and tau-protein (ptau217, np-tau217, ptau217/nptau217 ratio), blood, immunoprecipitation with quantitation by liquid chromatography with tandem mass spectrometry (LC-MS/MS), algorithm score reported as likelihood of positive or negative for amyloid plaques	Investigational
0504U	Infectious disease (urinary tract infection), identification of 17 pathologic organisms, urine, real-time PCR, reported as positive or negative for each organism	Investigational
0505U	Infectious disease (vaginal infection), identification of 32 pathogenic organisms, swab, real-time PCR, reported as positive or negative for each organism	Investigational

0506T	Macular pigment optical density measurement by heterochromatic flicker photometry, unilateral or bilateral, with interpretation and report	Investigational
0506U	Gastroenterology (Barrett's esophagus), esophageal cells, DNA methylation analysis by next-generation sequencing of at least 89 differentially methylated genomic regions, algorithm reported as likelihood for Barrett's esophagus	Investigational
0507T	Near-infrared dual imaging (ie, simultaneous reflective and trans-illuminated light) of meibomian glands, unilateral or bilateral, with interpretation and report	Investigational
0507U	Oncology (ovarian), DNA, whole genome sequencing with 5-hydroxymethylcytosine (5hmC) enrichment, using whole blood or plasma, algorithm reported as cancer detected or not detected	Investigational
0508U	Transplantation medicine, quantification of donor-derived cell-free DNA using 40 single nucleotide polymorphisms (SNPs), plasma, and urine, initial evaluation reported as percentage of donor-derived cell free DNA with risk for active rejection	Investigational
0509T	Electroretinography (ERG) with interpretation and report, pattern (PERG)	Investigational
0509U	Transplantation medicine, quantification of donor-derived cell-free DNA using 40 single nucleotide polymorphisms (SNPs), plasma, and urine, initial evaluation reported as percentage of donor-derived cell free DNA with risk for active rejection	Investigational
0510T	Removal of sinus tarsi implant	Investigational
0510U	Oncology (pancreatic cancer), augmentative algorithmic analysis of 16 genes from previously sequenced RNA whole transcriptome data, reported as probability of predicted molecular subtype	Investigational

0511T	Removal and reinsertion of sinus tarsi implant	Investigational
0511U	Oncology (solid tumor), tumor cell culture in 3D microenvironment, 36 or more drug panel, reported as tumor-response prediction for each drug	Investigational
0512T	Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care; initial wound	Investigational
0512U	Oncology (prostate), augmentative algorithmic analysis of digitized whole-slide imaging of histologic features for microsatellite instability (MSI) status, formalin-fixed paraffin embedded (FFPE) tissue, reported as increased or decreased probability of MSI-high (MSI-H)	Investigational
0513T	Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care; each additional wound (List separately in addition to code for primary procedure)	Investigational
0513U	Oncology (prostate), augmentative algorithmic analysis of digitized whole-slide imaging of histologic features for microsatellite instability (MSI) and homologous recombination deficiency (HRD) status, formalin fixed paraffin-embedded (FFPE) tissue, reported as increased or decreased probability of each biomarker	Investigational
0514U	Gastroenterology (irritable bowel disease [IBD]), immunoassay for quantitative determination of adalimumab (ADL) levels in venous serum in patients undergoing adalimumab therapy, results reported as a numerical value as micrograms per milliliter ($\mu\text{g/mL}$)	Investigational

0515T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; complete system (includes electrode and generator [transmitter and battery])	Investigational
0515U	Gastroenterology (irritable bowel disease [IBD]), immunoassay for quantitative determination of infliximab (IFX) levels in venous serum in patients undergoing infliximab therapy, results reported as a numerical value as micrograms per milliliter (µg/mL)	Investigational
0516T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; electrode only	Investigational
0516U	Drug metabolism, whole blood, pharmacogenomic genotyping of 40 genes and CYP2D6 copy number variant analysis, reported as metabolizer status	Investigational
0517T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; both components of pulse generator (battery and transmitter) only	Investigational
0517U	Therapeutic drug monitoring, 80 or more psychoactive drugs or substances, LC-MS/MS, plasma, qualitative and quantitative therapeutic minimally and maximally effective dose of prescribed and non-prescribed medications	Investigational
0518T	Removal of pulse generator for wireless cardiac stimulator for left ventricular pacing; battery component only	Investigational

0518U	Therapeutic drug monitoring, 90 or more pain and mental health drugs or substances, LC-MS/MS, plasma, qualitative and quantitative therapeutic minimally effective range of prescribed and non-prescribed medications	Investigational
0519T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; both components (battery and transmitter)	Investigational
0519U	Therapeutic drug monitoring, medications specific to pain, depression, and anxiety, LCMS/MS, plasma, 110 or more drugs or substances, qualitative and quantitative therapeutic minimally effective range of prescribed, non-prescribed, and illicit medications in circulation	Investigational
0520T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only	Investigational
0520U	Therapeutic drug monitoring, 200 or more drugs or substances, LCMS/MS, plasma, qualitative and quantitative therapeutic minimally effective range of prescribed and non-prescribed medications	Investigational
0521T	Interrogation device evaluation (in person) with analysis, review and report, includes connection, recording, and disconnection per patient encounter, wireless cardiac stimulator for left ventricular pacing	Investigational

0522T	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, including review and report, wireless cardiac stimulator for left ventricular pacing	Investigational
0523T	Intraprocedural coronary fractional flow reserve (FFR) with 3D functional mapping of color-coded FFR values for the coronary tree, derived from coronary angiogram data, for real-time review and interpretation of possible atherosclerotic stenosis(es) intervention (List separately in addition to code for primary procedure)	Investigational
0524T	Endovenous catheter directed chemical ablation with balloon isolation of incompetent extremity vein, open or percutaneous, including all vascular access, catheter manipulation, diagnostic imaging, imaging guidance and monitoring	Investigational
0525T	Insertion or replacement of intracardiac ischemia monitoring system, including testing of the lead and monitor, initial system programming, and imaging supervision and interpretation; complete system (electrode and implantable monitor)	Investigational
0526T	Insertion or replacement of intracardiac ischemia monitoring system, including testing of the lead and monitor, initial system programming, and imaging supervision and interpretation; electrode only	Investigational

0527T	Insertion or replacement of intracardiac ischemia monitoring system, including testing of the lead and monitor, initial system programming, and imaging supervision and interpretation; implantable monitor only	Investigational
0528T	Programming device evaluation (in person) of intracardiac ischemia monitoring system with iterative adjustment of programmed values, with analysis, review, and report	Investigational
0529T	Interrogation device evaluation (in person) of intracardiac ischemia monitoring system with analysis, review, and report	Investigational
0530T	Removal of intracardiac ischemia monitoring system, including all imaging supervision and interpretation; complete system (electrode and implantable monitor)	Investigational
0531T	Removal of intracardiac ischemia monitoring system, including all imaging supervision and interpretation; electrode only	Investigational
0532T	Removal of intracardiac ischemia monitoring system, including all imaging supervision and interpretation; implantable monitor only	Investigational
0541T	Myocardial imaging by magnetocardiography (MCG) for detection of cardiac ischemia, by signal acquisition using minimum 36 channel grid, generation of magnetic-field time-series images, quantitative analysis of magnetic dipoles, machine learning-derived clinical scoring, and automated report generation, single study;	Investigational

0542T	Myocardial imaging by magnetocardiography (MCG) for detection of cardiac ischemia, by signal acquisition using minimum 36 channel grid, generation of magnetic-field time-series images, quantitative analysis of magnetic dipoles, machine learning-derived clinical scoring, and automated report generation, single study; interpretation and report	Investigational
0543T	Transapical mitral valve repair, including transthoracic echocardiography, when performed, with placement of artificial chordae tendineae	Investigational
0545T	Transcatheter tricuspid valve annulus reconstruction with implantation of adjustable annulus reconstruction device, percutaneous approach	Investigational
0546T	Radiofrequency spectroscopy, real time, intraoperative margin assessment, at the time of partial mastectomy, with report	Investigational
0547T	Bone-material quality testing by microindentation(s) of the tibia(s), with results reported as a score	Investigational
0553T	Percutaneous transcatheter placement of iliac arteriovenous anastomosis implant, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention	Investigational
0554T	Bone strength and fracture risk using finite element analysis of functional data, and bone-mineral density, utilizing data from a computed tomography scan; retrieval and transmission of the scan data, assessment of bone strength and fracture risk and bone mineral density, interpretation and report	Investigational

0555T	Bone strength and fracture risk using finite element analysis of functional data, and bone-mineral density, utilizing data from a computed tomography scan; retrieval and transmission of the scan data	Investigational
0556T	Bone strength and fracture risk using finite element analysis of functional data, and bone-mineral density, utilizing data from a computed tomography scan; assessment of bone strength and fracture risk and bone mineral density	Investigational
0557T	Bone strength and fracture risk using finite element analysis of functional data, and bone-mineral density, utilizing data from a computed tomography scan; interpretation and report	Investigational
0558T	Computed tomography scan taken for the purpose of biomechanical computed tomography analysis	Investigational
0559T	Anatomic model 3D-printed from image data set(s); first individually prepared and processed component of an anatomic structure	Investigational
0560T	Anatomic model 3D-printed from image data set(s); each additional individually prepared and processed component of an anatomic structure (List separately in addition to code for primary procedure)	Investigational
0561T	Anatomic guide 3D-printed and designed from image data set(s); first anatomic guide	Investigational
0562T	Anatomic guide 3D-printed and designed from image data set(s); each additional anatomic guide (List separately in addition to code for primary procedure)	Investigational
0563T	Evacuation of meibomian glands, using heat delivered through wearable, open-eye eyelid treatment devices and manual gland expression, bilateral	Investigational

0564T	Oncology, chemotherapeutic drug cytotoxicity assay of cancer stem cells (CSCs), from cultured CSCs and primary tumor cells, categorical drug response reported based on percent of cytotoxicity observed, a minimum of 14 drugs or drug combinations	Investigational
0565T	Autologous cellular implant derived from adipose tissue for the treatment of osteoarthritis of the knees; tissue harvesting and cellular implant creation	Investigational
0566T	Autologous cellular implant derived from adipose tissue for the treatment of osteoarthritis of the knees; injection of cellular implant into knee joint including ultrasound guidance, unilateral	Investigational
0567T	Permanent fallopian tube occlusion with degradable biopolymer implant, transcervical approach, including transvaginal ultrasound	Investigational
0568T	Introduction of mixture of saline and air for sonosalpingography to confirm occlusion of fallopian tubes, transcervical approach, including transvaginal ultrasound and pelvic ultrasound	Investigational
0569T	Transcatheter tricuspid valve repair, percutaneous approach; initial prosthesis	Investigational
0570T	Transcatheter tricuspid valve repair, percutaneous approach; each additional prosthesis during same session (List separately in addition to code for primary procedure)	Investigational
0581T	Ablation, malignant breast tumor(s), percutaneous, cryotherapy, including imaging guidance when performed, unilateral	Investigational
0582T	Transurethral ablation of malignant prostate tissue by high-energy water vapor thermotherapy, including intraoperative imaging and needle guidance	Investigational

0583T	Tympanostomy (requiring insertion of ventilating tube), using an automated tube delivery system, iontophoresis local anesthesia	Investigational
0587T	Percutaneous implantation or replacement of integrated single device neurostimulation system for bladder dysfunction including electrode array and receiver or pulse generator, including analysis, programming, and imaging guidance when performed, posterior tibial nerve	Investigational
0588T	Revision or removal of percutaneously placed integrated single device neurostimulation system for bladder dysfunction including electrode array and receiver or pulse generator, including analysis, programming, and imaging guidance when performed, posterior tibial nerve	Investigational
0589T	Electronic analysis with simple programming of implanted integrated neurostimulation system for bladder dysfunction (eg, electrode array and receiver), including contact group(s), amplitude, pulse width, frequency (Hz), on/off cycling, burst, dose lockout, patient-selectable parameters, responsive neurostimulation, detection algorithms, closed-loop parameters, and passive parameters, when performed by physician or other qualified health care professional, posterior tibial nerve, 1-3 parameters	Investigational

0590T	Electronic analysis with complex programming of implanted integrated neurostimulation system for bladder dysfunction (eg, electrode array and receiver), including contact group(s), amplitude, pulse width, frequency (Hz), on/off cycling, burst, dose lockout, patient-selectable parameters, responsive neurostimulation, detection algorithms, closed-loop parameters, and passive parameters, when performed by physician or other qualified health care professional, posterior tibial nerve, 4 or more parameters	Investigational
0594T	Osteotomy, humerus, with insertion of an externally controlled intramedullary lengthening device, including intraoperative imaging, initial and subsequent alignment assessments, computations of adjustment schedules, and management of the intramedullary lengthening device	Investigational
0596T	Temporary female intraurethral valve-pump (ie, voiding prosthesis); initial insertion, including urethral measurement	Investigational
0597T	Temporary female intraurethral valve-pump (ie, voiding prosthesis); replacement	Investigational
0598T	Noncontact real-time fluorescence wound imaging, for bacterial presence, location, and load, per session; first anatomic site (eg, lower extremity)	Investigational
0599T	Noncontact real-time fluorescence wound imaging, for bacterial presence, location, and load, per session; each additional anatomic site (eg, upper extremity) (List separately in addition to code for primary procedure)	Investigational

0602T	Glomerular filtration rate (GFR) measurement(s), transdermal, including sensor placement and administration of a single dose of fluorescent pyrazine agent	Investigational
0603T	Glomerular filtration rate (GFR) monitoring, transdermal, including sensor placement and administration of more than one dose of fluorescent pyrazine agent, each 24 hours	Investigational
0604T	Optical coherence tomography (OCT) of retina, remote, patient-initiated image capture and transmission to a remote surveillance center unilateral or bilateral; initial device provision, set-up and patient education on use of equipment	Investigational
0605T	Optical coherence tomography (OCT) of retina, remote, patient-initiated image capture and transmission to a remote surveillance center unilateral or bilateral; remote surveillance center technical support, data analyses and reports, with a minimum of 8 daily recordings, each 30 days	Investigational
0606T	Optical coherence tomography (OCT) of retina, remote, patient-initiated image capture and transmission to a remote surveillance center unilateral or bilateral; review, interpretation and report by the prescribing physician or other qualified health care professional of remote surveillance center data analyses, each 30 days	Investigational
0607T	Remote monitoring of an external continuous pulmonary fluid monitoring system, including measurement of radiofrequency-derived pulmonary fluid levels, heart rate, respiration rate, activity, posture, and cardiovascular rhythm (eg, ECG data), transmitted to a remote 24-hour attended surveillance center; set-up and patient education on use of equipment	Investigational

0608T	Remote monitoring of an external continuous pulmonary fluid monitoring system, including measurement of radiofrequency-derived pulmonary fluid levels, heart rate, respiration rate, activity, posture, and cardiovascular rhythm (eg, ECG data), transmitted to a remote 24-hour attended surveillance center; analysis of data received and transmission of reports to the physician or other qualified health care professional	Investigational
0609T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); acquisition of single voxel data, per disc, on biomarkers (ie, lactic acid, carbohydrate, alanine, laal, propionic acid, proteoglycan, and collagen) in at least 3 discs	Investigational
0610T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); transmission of biomarker data for software analysis	Investigational
0611T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); postprocessing for algorithmic analysis of biomarker data for determination of relative chemical differences between discs	Investigational
0612T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); interpretation and report	Investigational
0613T	Percutaneous transcatheter implantation of interatrial septal shunt device, including right and left heart catheterization, intracardiac echocardiography, and imaging guidance by the proceduralist, when performed	Investigational

0614T	Removal and replacement of substernal implantable defibrillator pulse generator	Investigational
0615T	Eye-movement analysis without spatial calibration, with interpretation and report	Investigational
0619T	Cystourethroscopy with transurethral anterior prostate commissurotomy and drug delivery, including transrectal ultrasound and fluoroscopy, when performed	Investigational
0620T	Endovascular venous arterialization, tibial or peroneal vein, with transcatheter placement of intravascular stent graft(s) and closure by any method, including percutaneous or open vascular access, ultrasound guidance for vascular access when performed, all catheterization(s) and intraprocedural roadmapping and imaging guidance necessary to complete the intervention, all associated radiological supervision and interpretation, when performed	Investigational
0621T	Trabeculostomy ab interno by laser	Investigational
0622T	Trabeculostomy ab interno by laser; with use of ophthalmic endoscope	Investigational
0623T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; data preparation and transmission, computerized analysis of data, with review of computerized analysis output to reconcile discordant data, interpretation and report	Investigational
0624T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; data preparation and transmission	Investigational

0625T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; computerized analysis of data from coronary computed tomographic angiography	Investigational
0626T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; review of computerized analysis output to reconcile discordant data, interpretation and report	Investigational
0627T	Percutaneous injection of allogeneic cellular and/or tissue-based product, intervertebral disc, unilateral or bilateral injection, with fluoroscopic guidance, lumbar; first level	Investigational
0628T	Percutaneous injection of allogeneic cellular and/or tissue-based product, intervertebral disc, unilateral or bilateral injection, with fluoroscopic guidance, lumbar; each additional level (List separately in addition to code for primary procedure)	Investigational
0629T	Percutaneous injection of allogeneic cellular and/or tissue-based product, intervertebral disc, unilateral or bilateral injection, with CT guidance, lumbar; first level	Investigational
0630T	Percutaneous injection of allogeneic cellular and/or tissue-based product, intervertebral disc, unilateral or bilateral injection, with CT guidance, lumbar; each additional level (List separately in addition to code for primary procedure)	Investigational
0631T	Transcutaneous visible light hyperspectral imaging measurement of oxyhemoglobin, deoxyhemoglobin, and tissue oxygenation, with interpretation and report, per extremity	Investigational

0632T	Percutaneous transcatheter ultrasound ablation of nerves innervating the pulmonary arteries, including right heart catheterization, pulmonary artery angiography, and all imaging guidance	Investigational
0633T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast material	Investigational
0634T	Computed tomography, breast, including 3D rendering, when performed, unilateral; with contrast material(s)	Investigational
0635T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast, followed by contrast material(s)	Investigational
0636T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast material(s)	Investigational
0637T	Computed tomography, breast, including 3D rendering, when performed, bilateral; with contrast material(s)	Investigational
0638T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast, followed by contrast material(s)	Investigational
0639T	Wireless skin sensor thermal anisotropy measurement(s) and assessment of flow in cerebrospinal fluid shunt, including ultrasound guidance, when performed	Investigational
0640T	Noncontact near-infrared spectroscopy (eg, for measurement of deoxyhemoglobin, oxyhemoglobin, and ratio of tissue oxygenation), other than for screening for peripheral arterial disease, image acquisition, interpretation, and report; first anatomic site	Investigational

0643T	Transcatheter left ventricular restoration device implantation including right and left heart catheterization and left ventriculography when performed, arterial approach	Investigational
0646T	Transcatheter tricuspid valve implantation (TTVI)/replacement with prosthetic valve, percutaneous approach, including right heart catheterization, temporary pacemaker insertion, and selective right ventricular or right atrial angiography, when performed	Investigational
0647T	Insertion of gastrostomy tube, percutaneous, with magnetic gastropexy, under ultrasound guidance, image documentation and report	Investigational
0651T	Magnetically controlled capsule endoscopy, esophagus through stomach, including intraprocedural positioning of capsule, with interpretation and report	Investigational
0652T	Esophagogastroduodenoscopy, flexible, transnasal; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Investigational
0653T	Esophagogastroduodenoscopy, flexible, transnasal; with biopsy, single or multiple	Investigational
0654T	Esophagogastroduodenoscopy, flexible, transnasal; with insertion of intraluminal tube or catheter	Investigational
0655T	Transperineal focal laser ablation of malignant prostate tissue, including transrectal imaging guidance, with MR-fused images or other enhanced ultrasound imaging	Investigational
0656T	Anterior lumbar or thoracolumbar vertebral body tethering; up to 7 vertebral segments	Investigational

0657T	Anterior lumbar or thoracolumbar vertebral body tethering; 8 or more vertebral segments	Investigational
0658T	Electrical impedance spectroscopy of 1 or more skin lesions for automated melanoma risk score	Investigational
0659T	Transcatheter intracoronary infusion of supersaturated oxygen in conjunction with percutaneous coronary revascularization during acute myocardial infarction, including catheter placement, imaging guidance (eg, fluoroscopy), angiography, and radiologic supervision and interpretation	Investigational
0660T	Implantation of anterior segment intraocular nonbiodegradable drug-eluting system, internal approach	Investigational
0661T	Removal and reimplantation of anterior segment intraocular nonbiodegradable drug-eluting implant	Investigational
0664T	Donor hysterectomy (including cold preservation); open, from cadaver donor	Investigational
0665T	Donor hysterectomy (including cold preservation); open, from living donor	Investigational
0666T	Donor hysterectomy (including cold preservation); laparoscopic or robotic, from living donor	Investigational
0667T	Donor hysterectomy (including cold preservation); recipient uterus allograft transplantation from cadaver or living donor	Investigational
0668T	Backbench standard preparation of cadaver or living donor uterine allograft prior to transplantation, including dissection and removal of surrounding soft tissues and preparation of uterine vein(s) and uterine artery(ies), as necessary	Investigational
0669T	Backbench reconstruction of cadaver or living donor uterus allograft prior to transplantation; venous anastomosis, each	Investigational

0670T	Backbench reconstruction of cadaver or living donor uterus allograft prior to transplantation; arterial anastomosis, each	Investigational
0672T	Endovaginal cryogen-cooled, monopolar radiofrequency remodeling of the tissues surrounding the female bladder neck and proximal urethra for urinary incontinence	Investigational
0673T	Ablation, benign thyroid nodule(s), percutaneous, laser, including imaging guidance	Investigational
0674T	Laparoscopic insertion of new or replacement of permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including an implantable pulse generator and diaphragmatic lead(s)	Investigational
0675T	Laparoscopic insertion of new or replacement of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; first lead	Investigational
0676T	Laparoscopic insertion of new or replacement of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; each additional lead (List separately in addition to code for primary procedure)	Investigational
0677T	Laparoscopic repositioning of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; first repositioned lead	Investigational

0678T	Laparoscopic repositioning of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; each additional repositioned lead (List separately in addition to code for primary procedure)	Investigational
0679T	Laparoscopic removal of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function	Investigational
0680T	Insertion or replacement of pulse generator only, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, with connection to existing lead(s)	Investigational
0681T	Relocation of pulse generator only, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, with connection to existing dual leads	Investigational
0682T	Relocation of pulse generator only, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, with connection to existing dual leads	Investigational

0683T	Programming device evaluation (in-person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function	Investigational
0684T	Peri-procedural device evaluation (in-person) and programming of device system parameters before or after a surgery, procedure, or test with analysis, review, and report by a physician or other qualified health care professional, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function	Investigational
0685T	Interrogation device evaluation (in-person) with analysis, review and report by a physician or other qualified health care professional, including connection, recording and disconnection per patient encounter, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function	Investigational
0686T	Histotripsy (ie, non-thermal ablation via acoustic energy delivery) of malignant hepatocellular tissue, including image guidance	Investigational
0687T	Treatment of amblyopia using an online digital program; device supply, educational set-up, and initial session	Investigational

0688T	Treatment of amblyopia using an online digital program; assessment of patient performance and program data by physician or other qualified health care professional, with report, per calendar month	Investigational
0689T	Quantitative ultrasound tissue characterization (non-elastographic), including interpretation and report, obtained without diagnostic ultrasound examination of the same anatomy (eg, organ, gland, tissue, target structure)	Investigational
0690T	Quantitative ultrasound tissue characterization (non-elastographic), including interpretation and report, obtained with diagnostic ultrasound examination of the same anatomy (eg, organ, gland, tissue, target structure) (List separately in addition to code for primary procedure)	Investigational
0691T	Automated analysis of an existing computed tomography study for vertebral fracture(s), including assessment of bone density when performed, data preparation, interpretation, and report	Investigational
0693T	Comprehensive full body computer-based markerless 3D kinematic and kinetic motion analysis and report	Investigational
0694T	3-dimensional volumetric imaging and reconstruction of breast or axillary lymph node tissue, each excised specimen, 3-dimensional automatic specimen reorientation, interpretation and report, real-time intraoperative	Investigational

0695T	Body surface-activation mapping of pacemaker or pacing cardioverter-defibrillator lead(s) to optimize electrical synchrony, cardiac resynchronization therapy device, including connection, recording, disconnection, review, and report; at time of implant or replacement	Investigational
0696T	Body surface-activation mapping of pacemaker or pacing cardioverter-defibrillator lead(s) to optimize electrical synchrony, cardiac resynchronization therapy device, including connection, recording, disconnection, review, and report; at time of follow-up interrogation or programming device evaluation	Investigational
0697T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; multiple organs	Investigational
0698T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); multiple organs (List separately in addition to code for primary procedure)	Investigational
0700T	Molecular fluorescent imaging of suspicious nevus; first lesion	Investigational
0701T	Molecular fluorescent imaging of suspicious nevus; each additional lesion (List separately in addition to code for primary procedure)	Investigational

0704T	Remote treatment of amblyopia using an eye tracking device; device supply with initial set-up and patient education on use of equipment	Investigational
0705T	Remote treatment of amblyopia using an eye tracking device; surveillance center technical support including data transmission with analysis, with a minimum of 18 training hours, each 30 days	Investigational
0706T	Remote treatment of amblyopia using an eye tracking device; interpretation and report by physician or other qualified health care professional, per calendar month	Investigational
0707T	Injection(s), bone substitute material (eg, calcium phosphate) into subchondral bone defect (ie, bone marrow lesion, bone bruise, stress injury, microtrabecular fracture), including imaging guidance and arthroscopic assistance for joint visualization	Investigational
0708T	Intradermal cancer immunotherapy; preparation and initial injection	Investigational
0709T	Intradermal cancer immunotherapy; each additional injection (List separately in addition to code for primary procedure)	Investigational
0710T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; including data preparation and transmission, quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability, data review, interpretation and report	Investigational
0711T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission	Investigational

0712T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability	Investigational
0713T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report	Investigational
0714T	Transperineal laser ablation of benign prostatic hyperplasia, including imaging guidance; prostate volume less than 50 mL	Investigational
0716T	Cardiac acoustic waveform recording with automated analysis and generation of coronary artery disease risk score	Investigational
0717T	"Autologous adipose-derived regenerative cell (ADRC) therapy for partial thickness rotator cuff tear; adipose tissue harvesting, isolation and preparation of harvested cells, including incubation with cell dissociation enzymes, filtration, washing and concentration of ADRCs	Investigational
0718T	Autologous adipose-derived regenerative cell (ADRC) therapy for partial thickness rotator cuff tear; injection into supraspinatus tendon including ultrasound guidance, unilateral	Investigational
0719T	Posterior vertebral joint replacement, including bilateral facetectomy, laminectomy, and radical discectomy, including imaging guidance, lumbar spine, single segment	Investigational

0721T	Quantitative computed tomography (CT) tissue characterization, including interpretation and report, obtained without concurrent CT examination of any structure contained in previously acquired diagnostic imaging	Investigational
0722T	Quantitative computed tomography (CT) tissue characterization, including interpretation and report, obtained with concurrent CT examination of any structure contained in the concurrently acquired diagnostic imaging dataset (List separately in addition to code for primary procedure)	Investigational
0723T	Quantitative magnetic resonance cholangiopancreatography (QMRCP) including data preparation and transmission, interpretation and report, obtained without diagnostic magnetic resonance imaging (MRI) examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session	Investigational
0724T	Quantitative magnetic resonance cholangiopancreatography (QMRCP) including data preparation and transmission, interpretation and report, obtained with diagnostic magnetic resonance imaging (MRI) examination of the same anatomy (eg, organ, gland, tissue, target structure) (List separately in addition to code for primary procedure)	Investigational
0725T	Vestibular device implantation, unilateral	Investigational
0726T	Removal of implanted vestibular device, unilateral	Investigational
0727T	Removal and replacement of implanted vestibular device, unilateral	Investigational

0728T	Diagnostic analysis of vestibular implant, unilateral; with initial programming	Investigational
0729T	with subsequent programming (For initial and subsequent diagnostic analysis and programming of cochlear implant	Investigational
0730T	Trabeculotomy by laser, including optical coherence tomography (OCT) guidance	Investigational
0731T	Augmentative AI-based facial phenotype analysis with report	Investigational
0732T	Immunotherapy administration with electroporation, intramuscular	Investigational
0733T	Remote therapy ordered by a physician or other qualified health care professional; supply and technical support, per 30 days	Investigational
0734T	Remote body and limb kinematic measurement-based therapy ordered by a physician or other qualified health care professional; supply and technical support, per 30 days; treatment management services by a physician or other qualified health care professional, per calendar month"	Investigational
0735T	"Preparation of tumor cavity, with placement of a radiation therapy applicator for intraoperative radiation therapy (IORT) concurrent with primary craniotomy (List separately in addition to code for primary procedure)	Investigational
0736T	Colonic lavage, 35 or more liters of water, gravity-fed, with induced defecation, including insertion of rectal catheter	Investigational
0737T	Xenograft implantation into the articular surface	Investigational
0738T	Treatment planning for magnetic field induction ablation of malignant prostate tissue, using data from previously performed magnetic resonance imaging (MRI) examination	Investigational

0739T	Ablation of malignant prostate tissue by magnetic field induction, including all intraprocedural, transperineal needle/catheter placement for nanoparticle installation and intraprocedural temperature monitoring, thermal dosimetry, bladder irrigation, and magnetic field nanoparticle activation	Investigational
0740T	Remote autonomous algorithm-based recommendation system for insulin dose calculation and titration; initial set-up and patient education	Investigational
0741T	Remote autonomous algorithm-based recommendation system for insulin dose calculation and titration; initial set-up and patient education; provision of software, data collection, transmission, and storage, each 30 days	Investigational
0742T	Absolute quantitation of myocardial blood flow (AQMBF), single-photon emission computed tomography (SPECT), with exercise or pharmacologic stress, and at rest, when performed (List separately in addition to code for primary procedure)	Investigational
0743T	Bone strength and fracture risk using finite element analysis of functional data and bone-mineral density, with concurrent vertebral fracture assessment, utilizing data from a computed tomography scan, retrieval and transmission of the scan data, measurement of bone strength and bone mineral density and classification of any vertebral fractures, with overall fracture risk assessment, interpretation and report	Investigational

0744T	Insertion of bioprosthetic valve, open, femoral vein, including duplex ultrasound imaging guidance, when performed, including autogenous or nonautogenous patch graft (eg, polyester, ePTFE, bovine pericardium), when performed	Investigational
0745T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; noninvasive arrhythmia localization and mapping of arrhythmia site (nidus), derived from anatomical image data (eg, CT, MRI, or myocardial perfusion scan) and electrical data (eg, 12-lead ECG data), and identification of areas of avoidance	Investigational
0746T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; conversion of arrhythmia localization and mapping of arrhythmia site (nidus) into a multidimensional radiation treatment plan	Investigational
0747T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; delivery of radiation therapy, arrhythmia	Investigational
0748T	Injections of stem cell product into perianal perifistular soft tissue, including fistula preparation (eg, removal of setons, fistula curettage, closure of internal openings)	Investigational
0749T	Bone strength and fracture-risk assessment using digital X-ray radiogrammetrybone mineral density (DXR-BMD) analysis of bone mineral density (BMD) utilizing data from a digital X ray, retrieval and transmission of digital X ray data, assessment of bone strength and fracture-risk and BMD, interpretation and report	Investigational

0750T	Bone strength and fracture-risk assessment using digital X-ray radiogrammetrybone mineral density (DXR-BMD) analysis of bone mineral density (BMD) utilizing data from a digital X ray, retrieval and transmission of digital X ray data, assessment of bone strength and fracture-risk and BMD, interpretation and report; with single-view digital X-ray examination of the hand taken for the purpose of DXR-BMD	Investigational
0751T	Digitization of glass microscope slides for level II, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)	Investigational
0752T	Digitization of glass microscope slides for level III, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)	Investigational
0753T	Digitization of glass microscope slides for level IV, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)	Investigational
0754T	Digitization of glass microscope slides for level V, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)	Investigational
0755T	Digitization of glass microscope slide for level VI, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)	Investigational

0756T	Digitization of glass microscope slides for special stain, including interpretation and report, group I, for microorganisms (eg, acid fast, methenamine silver) (List separately in addition to code for primary procedure)	Investigational
0757T	Digitization of glass microscope slides for special stain, including interpretation and report, group II, all other (eg, iron, trichrome), except stain for microorganisms, stains for enzyme constituents, or immunocytochemistry and immunohistochemistry (List separately in addition to code for primary procedure)	Investigational
0758T	Digitization of glass microscope slides for special stain, including interpretation and report, histochemical stain on frozen tissue block (List separately in addition to code for primary procedure)	Investigational
0759T	Digitization of glass microscope slides for special stain, including interpretation and report, group III, for enzyme constituents (List separately in addition to code for primary procedure)	Investigational
0760T	Digitization of glass microscope slides for immunohistochemistry or immunocytochemistry, per specimen, initial single antibody stain procedure (List separately in addition to code for primary procedure)	Investigational
0761T	Digitization of glass microscope slides for immunohistochemistry or immunocytochemistry, per specimen, each additional single antibody stain procedure (List separately in addition to code for primary procedure)	Investigational

0762T	Digitization of glass microscope slides for immunohistochemistry or immunocytochemistry, per specimen, each multiplex antibody stain procedure (List separately in addition to code for primary procedure)	Investigational
0763T	Digitization of glass microscope slides for morphometric analysis, tumor immunohistochemistry (eg, Her-2/neu, estrogen receptor/progesterone receptor), quantitative or semiquantitative, per specimen, each single antibody stain procedure, manual (List separately in addition to code for primary procedure)	Investigational
0764T	Assistive algorithmic electrocardiogram risk-based assessment for cardiac dysfunction (eg, low-ejection fraction, pulmonary hypertension, hypertrophic cardiomyopathy); related to concurrently performed electrocardiogram (List separately in addition to code for primary procedure)	Investigational
0765T	Assistive algorithmic electrocardiogram risk-based assessment for cardiac dysfunction (eg, low-ejection fraction, pulmonary hypertension, hypertrophic cardiomyopathy); related to previously performed electrocardiogram	Investigational
0766T	Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, with identification and marking of the treatment location, including noninvasive electroneurographic localization (nerve conduction localization), when performed; first nerve	Investigational

0767T	Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, with identification and marking of the treatment location, including noninvasive electroneurographic localization (nerve conduction localization), when performed; each additional nerve (List separately in addition to code for primary procedure)	Investigational
0770T	Virtual reality technology to assist therapy (List separately in addition to code for primary procedure)	Investigational
0771T	Virtual reality (VR) procedural dissociation services provided by the same physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports, requiring the presence of an independent, trained observer to assist in the monitoring of the patient's level of dissociation or consciousness and physiological status; initial 15 minutes of intraservice time, patient age 5 years or older	Investigational
0772T	Virtual reality (VR) procedural dissociation services provided by the same physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports, requiring the presence of an independent, trained observer to assist in the monitoring of the patient's level of dissociation or consciousness and physiological status; each additional 15 minutes intraservice time (List separately in addition to code for primary service)	Investigational

0773T	Virtual reality (VR) procedural dissociation services provided by a physician or other qualified health care professional other than the physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports; initial 15 minutes of intraservice time, patient age 5 years or older	Investigational
0774T	Virtual reality (VR) procedural dissociation services provided by a physician or other qualified health care professional other than the physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports; each additional 15 minutes intraservice time (List separately in addition to code for primary service)	Investigational
0776T	Therapeutic induction of intra-brain hypothermia, including placement of a mechanical temperature-controlled cooling device to the neck over carotids and head, including monitoring (eg, vital signs and sport concussion assessment tool 5 [SCAT5]), 30 minutes of treatment	Investigational
0777T	Real-time pressure-sensing epidural guidance system (List separately in addition to code for primary procedure)	Investigational
0778T	Surface mechanomyography (sMMG) with concurrent application of inertial measurement unit (IMU) sensors for measurement of multi-joint range of motion, posture, gait, and muscle function	Investigational
0779T	Gastrointestinal myoelectrical activity study, stomach through colon, with interpretation and report	Investigational

0780T	Instillation of fecal microbiota suspension via rectal enema into lower gastrointestinal tract	Investigational
0781T	Bronchoscopy, rigid or flexible, with insertion of esophageal protection device and circumferential radiofrequency destruction of the pulmonary nerves, including fluoroscopic guidance when performed; bilateral mainstem bronchi	Investigational
0782T	Bronchoscopy, rigid or flexible, with insertion of esophageal protection device and circumferential radiofrequency destruction of the pulmonary nerves, including fluoroscopic guidance when performed; unilateral mainstem bronchus	Investigational
0783T	Transcutaneous auricular neurostimulation, set-up, calibration, and patient education on use of equipment	Investigational
0790T	Revision (eg, augmentation, division of tether), replacement, or removal of thoracolumbar or lumbar vertebral body tethering, including thoracoscopy, when performed	Investigational
0791T	Motor-cognitive, semi-immersive virtual reality-facilitated gait training, each 15 minutes (List separately in addition to code for primary procedure)	Investigational
0792T	Application of silver diamine fluoride 38%, by a physician or other qualified health care professional	Investigational
0793T	Percutaneous transcatheter thermal ablation of nerves innervating the pulmonary arteries, including right heart catheterization, pulmonary artery angiography, and all imaging guidance	Investigational

0794T	Patient-specific, assistive, rules-based algorithm for ranking pharmaco-oncologic treatment options based on the patient's tumor-specific cancer marker information obtained from prior molecular pathology, immunohistochemical, or other pathology results which have been previously interpreted and reported separately	Investigational
0795T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed; complete system (i.e., right atrial and right ventricular pacemaker components)	Investigational
0796T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed; right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual-chamber leadless pacemaker system)	Investigational

0797T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed; right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)	Investigational
0798T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; complete system (i.e., right atrial and right ventricular pacemaker components)	Investigational
0799T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; right atrial pacemaker component	Investigational
0800T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)	Investigational

0801T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed; dual-chamber system (i.e., right atrial and right ventricular pacemaker components)	Investigational
0802T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed; right atrial pacemaker component	Investigational
0803T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (e.g., fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed; right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)	Investigational
0804T	Programming device evaluation (in person) with iterative adjustment of implantable device to test the function of device and to select optimal permanent programmed values, with analysis, review, and report, by a physician or other qualified health care professional, leadless pacemaker system in dual cardiac chambers	Investigational

0805T	Transcatheter superior and inferior vena cava prosthetic valve implantation (i.e., caval valve implantation [CAVI]); percutaneous femoral vein approach	Investigational
0806T	Transcatheter superior and inferior vena cava prosthetic valve implantation (i.e., caval valve implantation [CAVI]); open femoral vein approach	Investigational
0807T	Pulmonary tissue ventilation analysis using software-based processing of data from separately captured cinefluorograph images; in combination with previously acquired computed tomography (CT) images, including data preparation and transmission, quantification of pulmonary tissue ventilation, data review, interpretation and report	Investigational
0808T	Pulmonary tissue ventilation analysis using software-based processing of data from separately captured cinefluorograph images; in combination with computed tomography (CT) images taken for the purpose of pulmonary tissue ventilation analysis, including data preparation and transmission, quantification of pulmonary tissue ventilation, data review, interpretation and report	Investigational
0811T	Remote multi-day complex uroflowmetry (eg, calibrated electronic equipment); setup and patient education on use of equipment	Investigational
0812T	Remote multi-day complex uroflowmetry (eg, calibrated electronic equipment); device supply with automated report generation, up to 10 days	Investigational
0813T	Esophagogastroduodenoscopy, flexible, transoral, with volume adjustment of intragastric bariatric balloon	Investigational

0814T	Percutaneous injection of calcium-based biodegradable osteoconductive material, proximal femur, including imaging guidance, unilateral	Investigational
0815T	Ultrasound-based radiofrequency echographic multi-spectrometry (REMS), bonedensity study and fracture-risk assessment, 1 or more sites, hips, pelvis or spine	Investigational
0820T	Continuous in-person monitoring and intervention (eg, psychotherapy, crisis intervention), as needed, during psychedelic medication therapy; first physician or other qualified health care professional, each hour	Investigational
0821T	Continuous in-person monitoring and intervention (eg, psychotherapy, crisis intervention), as needed, during psychedelic medication therapy; second physician or other qualified health care professional, concurrent with first physician or other qualified health care professional, each hour (List separately in addition to code for primary procedure)	Investigational
0822T	Continuous in-person monitoring and intervention (eg, psychotherapy, crisis intervention), as needed, during psychedelic medication therapy; clinical staff under the direction of a physician or other qualified health care professional, concurrent with first physician or other qualified health care professional, each hour (List separately in addition to code for primary procedure)	Investigational

0827T	Digitization of glass microscope slides for cytopathology, fluids, washings, or brushings, except cervical or vaginal; smears with interpretation (List separately in addition to code for primary procedure) (Use 0827T in conjunction with 88104)	Investigational
0828T	Digitization of glass microscope slides for cytopathology, fluids, washings, or brushings, except cervical or vaginal; simple filter method with interpretation (List separately in addition to code for primary procedure) (Use 0828T in conjunction with 88106)	Investigational
0829T	Digitization of glass microscope slides for cytopathology, concentration technique, smears, and interpretation (eg, Saccomanno technique) (List separately in addition to code for primary procedure) (Use 0829T in conjunction with 88108)	Investigational
0830T	Digitization of glass microscope slides for cytopathology, selective-cellular enhancement technique with interpretation (eg, liquid-based slide preparation method), except cervical or vaginal (List separately in addition to code for primary procedure) (Use 0830T in conjunction with 88112)	Investigational
0831T	Digitization of glass microscope slides for cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician (List separately in addition to code for primary procedure) (Use 0831T in conjunction with 88141)	Investigational

0832T	Digitization of glass microscope slides for cytopathology, smears, any other source; screening and interpretation (List separately in addition to code for primary procedure) (Use 0832T in conjunction with 88160)	Investigational
0833T	Digitization of glass microscope slides for cytopathology, smears, any other source; preparation, screening and interpretation (List separately in addition to code for primary procedure) (Use 0833T in conjunction with 88161)	Investigational
0834T	Digitization of glass microscope slides for cytopathology, smears, any other source; extended study involving over 5 slides and/or multiple stains (List separately in addition to code for primary procedure) (Use 0834T in conjunction with 88162)	Investigational
0835T	Digitization of glass microscope slides for cytopathology, evaluation of fine needle aspirate; immediate cytohistologic study to determine adequacy for diagnosis, first evaluation episode, each site (List separately in addition to code for primary procedure) (Use 0835T in conjunction with 88172)	Investigational
0836T	Digitization of glass microscope slides for cytopathology, evaluation of fine needle aspirate; immediate cytohistologic study to determine adequacy for diagnosis, each separate additional evaluation episode, same site (List separately in addition to code for primary procedure) (Use 0836T in conjunction with 88177)	Investigational

0837T	Digitization of glass microscope slides for cytopathology, evaluation of fine needle aspirate; interpretation and report (List separately in addition to code for primary procedure) (Use 0837T in conjunction with 88173)	Investigational
0838T	Digitization of glass microscope slides for consultation and report on referred slides prepared elsewhere (List separately in addition to code for primary procedure) (Use 0838T in conjunction with 88321)	Investigational
0839T	Digitization of glass microscope slides for consultation and report on referred material requiring preparation of slides (List separately in addition to code for primary procedure) (Use 0839T in conjunction with 88323)	Investigational
0840T	Digitization of glass microscope slides for consultation, comprehensive, with review of records and specimens, with report on referred material (List separately in addition to code for primary procedure) (Use 0840T in conjunction with 88325)	Investigational
0841T	Digitization of glass microscope slides for pathology consultation during surgery; first tissue block, with frozen section(s), single specimen (List separately in addition to code for primary procedure) (Use 0841T in conjunction with 88331)	Investigational
0842T	Digitization of glass microscope slides for pathology consultation during surgery; each additional tissue block with frozen section(s) (List separately in addition to code for primary procedure) (Use 0842T in conjunction with 88332)	Investigational

0843T	Digitization of glass microscope slides for pathology consultation during surgery; cytologic examination (eg, touch preparation, squash preparation), initial site (List separately in addition to code for primary procedure) (Use 0843T in conjunction with 88333)	Investigational
0844T	Digitization of glass microscope slides for pathology consultation during surgery; cytologic examination (eg, touch preparation, squash preparation), each additional site (List separately in addition to code for primary procedure) (Use 0844T in conjunction with 88334)	Investigational
0845T	Digitization of glass microscope slides for immunofluorescence, per specimen; initial single antibody stain procedure (List separately in addition to code for primary procedure) (Use 0845T in conjunction with 88346)	Investigational
0846T	Digitization of glass microscope slides for immunofluorescence, per specimen; each additional single antibody stain procedure (List separately in addition to code for primary procedure) (Use 0846 Cystourethroscopy, with urethral mechanical dilation and drug delivery by drug-coated balloon catheter T in conjunction with 88350)	Investigational
0847T	Digitization of glass microscope slides for examination and selection of retrieved archival (ie, previously diagnosed) tissue(s) for molecular analysis (eg, KRAS mutational analysis) (List separately in addition to code for primary procedure) (Use 0847T in conjunction with 88363)	Investigational

0848T	Digitization of glass microscope slides for in situ hybridization (eg, FISH), per specimen; initial single probe stain procedure (List separately in addition to code for primary procedure) (Use 0848T in conjunction with 88365)	Investigational
0849T	Digitization of glass microscope slides for in situ hybridization (eg, FISH), per specimen; each additional single probe stain procedure (List separately in addition to code for primary procedure) (Use 0849T in conjunction with 88364)	Investigational
0850T	Digitization of glass microscope slides for in situ hybridization (eg, FISH), per specimen; each multiplex probe stain procedure (List separately in addition to code for primary procedure) (Use 0850T in conjunction with 88366)	Investigational
0851T	Digitization of glass microscope slides for morphometric analysis, in situ hybridization (quantitative or semiquantitative), manual, per specimen; initial single probe stain procedure (List separately in addition to code for primary procedure) (Use 0851T in conjunction with 88368)	Investigational
0852T	Digitization of glass microscope slides for morphometric analysis, in situ hybridization (quantitative or semiquantitative), manual, per specimen; each additional single probe stain procedure (List separately in addition to code for primary procedure) (Use 0852T in conjunction with 88369)	Investigational

0853T	Digitization of glass microscope slides for morphometric analysis, in situ hybridization (quantitative or semiquantitative), manual, per specimen; each multiplex probe stain procedure (List separately in addition to code for primary procedure) (Use 0853T in conjunction with 88377)	Investigational
0854T	Digitization of glass microscope slides for blood smear, peripheral, interpretation by physician with written report (List separately in addition to code for primary procedure) (Use 0854T in conjunction with 85060)	Investigational
0855T	Digitization of glass microscope slides for bone marrow, smear interpretation (List separately in addition to code for primary procedure) (Use 0855T in conjunction with 85097)	Investigational
0856T	Digitization of glass microscope slides for electron microscopy, diagnostic (List separately in addition to code for primary procedure) (Use 0856T in conjunction with 88348)	Investigational
0857T	Opto-acoustic imaging, breast, unilateral, including axilla when performed, realtime with image documentation, augmentative analysis and report (List separately in addition to code for primary procedure) (Use 0857T in conjunction with 76641, 76642)	Investigational
0858T	Externally applied transcranial magnetic stimulation with concomitant measurement of evoked cortical potentials with automated report (Do not report 0858T in conjunction with 95836, 95957, 95961, 95965, 95966)	Investigational

0859T	Noncontact near-infrared spectroscopy (eg, for measurement of deoxyhemoglobin, oxyhemoglobin, and ratio of tissue oxygenation), other than for screening for peripheral arterial disease, image acquisition, interpretation, and report; each additional anatomic site (List separately in addition to code for primary procedure)	Investigational
0860T	Noncontact near-infrared spectroscopy (eg, for measurement of deoxyhemoglobin, oxyhemoglobin, and ratio of tissue oxygenation), for screening for peripheral arterial disease, including provocative maneuvers, image acquisition, interpretation, and report, one or both lower extremities	Investigational
0861T	Removal of pulse generator for wireless cardiac stimulator for left ventricular pacing; both components (battery and transmitter)	Investigational
0862T	Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only	Investigational
0863T	Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; transmitter component only	Investigational
0864T	Low-intensity extracorporeal shock wave therapy involving corpus cavernosum, low energy (Do not report 0864T in conjunction with 0101T when treating the same area)	Investigational

0865T	Quantitative magnetic resonance image (MRI) analysis of the brain with comparison to prior magnetic resonance (MR) study(ies), including lesion identification, characterization, and quantification, with brain volume(s) quantification and/or severity score, when performed, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the brain during the same session (Do not report 0865T in conjunction with 70551, 70552, 70553)	Investigational
0866T	Quantitative magnetic resonance image (MRI) analysis of the brain with comparison to prior magnetic resonance (MR) study(ies), including lesion detection, characterization, and quantification, with brain volume(s) quantification and/or severity score, when performed, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the brain (List separately in addition to code for primary procedure) (Use 0866T in conjunction with 70551, 70552, 70553)	Investigational
0867T	Transperineal laser ablation of benign prostatic hyperplasia, including imaging guidance; prostate volume greater or equal to 50 mL	Investigational
0868T	High-resolution gastric electrophysiology mapping with simultaneous patient-symptom profiling, with interpretation and report	Investigational

0870T	Implantation of subcutaneous peritoneal ascites pump system, percutaneous, including pump-pocket creation, insertion of tunneled indwelling bladder and peritoneal catheters with pump connections, including all imaging and initial programming, when performed	Investigational
0871T	Replacement of a subcutaneous peritoneal ascites pump, including reconnection between pump and indwelling bladder and peritoneal catheters, including initial programming and imaging, when performed	Investigational
0872T	Replacement of indwelling bladder and peritoneal catheters, including tunneling of catheter(s) and connection with previously implanted peritoneal ascites pump, including imaging and programming, when performed	Investigational
0873T	Revision of a subcutaneously implanted peritoneal ascites pump system, any component (ascites pump, associated peritoneal catheter, associated bladder catheter), including imaging and programming, when performed	Investigational
0874T	Removal of a peritoneal ascites pump system, including implanted peritoneal ascites pump and indwelling bladder and peritoneal catheters	Investigational
0875T	Programming of subcutaneously implanted peritoneal ascites pump system by physician or other qualified health care professional	Investigational
0876T	Duplex scan of hemodialysis fistula, computer-aided, limited (volume flow, diameter, and depth, including only body of fistula)	Investigational

0877T	Augmentative analysis of chest computed tomography (CT) imaging data to provide categorical diagnostic subtype classification of interstitial lung disease; obtained without concurrent CT examination of any structure contained in previously acquired diagnostic imaging	Investigational
0878T	Augmentative analysis of chest computed tomography (CT) imaging data to provide categorical diagnostic subtype classification of interstitial lung disease; obtained with concurrent CT examination of the same structure	Investigational
0879T	Augmentative analysis of chest computed tomography (CT) imaging data to provide categorical diagnostic subtype classification of interstitial lung disease; radiological data preparation and transmission	Investigational
0880T	Augmentative analysis of chest computed tomography (CT) imaging data to provide categorical diagnostic subtype classification of interstitial lung disease; physician or other qualified health care professional interpretation and report	Investigational
0881T	Cryotherapy of the oral cavity using temperature regulated fluid cooling system, including placement of an oral device, monitoring of patient tolerance to treatment, and removal of the oral device	Investigational
0882T	Intraoperative therapeutic electrical stimulation of peripheral nerve to promote nerve regeneration, including lead placement and removal, upper extremity, minimum of 10 minutes; initial nerve (List separately in addition to code for primary procedure)	Investigational

0883T	Intraoperative therapeutic electrical stimulation of peripheral nerve to promote nerve regeneration, including lead placement and removal, upper extremity, minimum of 10 minutes; each additional nerve (List separately in addition to code for primary procedure)	Investigational
0884T	Esophagoscopy, flexible, transoral, with initial transendoscopic mechanical dilation (eg, nondrug-coated balloon) followed by therapeutic drug delivery by drug-coated balloon catheter for esophageal stricture, including fluoroscopic guidance, when performed	Investigational
0885T	Colonoscopy, flexible, with initial transendoscopic mechanical dilation (eg, nondrug-coated balloon) followed by therapeutic drug delivery by drug-coated balloon catheter for colonic stricture, including fluoroscopic guidance, when performed	Investigational
0886T	Sigmoidoscopy, flexible, with initial transendoscopic mechanical dilation (eg, nondrug-coated balloon) followed by therapeutic drug delivery by drug-coated balloon catheter for colonic stricture, including fluoroscopic guidance, when performed	Investigational
0887T	End-tidal control of inhaled anesthetic agents and oxygen to assist anesthesia care delivery (List separately in addition to code for primary procedure)	Investigational
0888T	Histotripsy (ie, non-thermal ablation via acoustic energy delivery) of malignant renal tissue, including imaging guidance	Investigational

0889T	Personalized target development for accelerated, repetitive high-dose functional connectivity MRI-guided theta-burst stimulation derived from a structural and resting-state functional MRI, including data preparation and transmission, generation of the target, motor threshold-starting location, neuronavigation files and target report, review and interpretation	Investigational
0890T	Accelerated, repetitive high-dose functional connectivity MRI-guided theta-burst stimulation, including target assessment, initial motor threshold determination, neuronavigation, delivery and management, initial treatment day	Investigational
0891T	Accelerated, repetitive high-dose functional connectivity MRI-guided theta-burst stimulation, including neuronavigation, delivery and management, subsequent treatment day	Investigational
0892T	Accelerated, repetitive high-dose functional connectivity MRI-guided theta-burst stimulation, including neuronavigation, delivery and management, subsequent motor threshold redetermination with delivery and management, per treatment day	Investigational
0893T	Noninvasive assessment of blood oxygenation, gas exchange efficiency, and cardiorespiratory status, with physician or other qualified health care professional interpretation and report	Investigational
0894T	Cannulation of the liver allograft in preparation for connection to the normothermic perfusion device and decannulation of the liver allograft following normothermic perfusion	Investigational

0895T	Connection of liver allograft to normothermic machine perfusion device, hemostasis control; initial 4 hours of monitoring time, including hourly physiological and laboratory assessments (eg, perfusate temperature, perfusate pH, hemodynamic parameters, bile production, bile pH, bile glucose, biliary bicarbonate, lactate levels, macroscopic assessment)	Investigational
0896T	Connection of liver allograft to normothermic machine perfusion device, hemostasis control; each additional hour, including physiological and laboratory assessments (eg, perfusate temperature, perfusate pH, hemodynamic parameters, bile production, bile pH, bile glucose, biliary bicarbonate, lactate levels, macroscopic assessment) (List separately in addition to code for primary procedure)	Investigational
0897T	Noninvasive augmentative arrhythmia analysis derived from quantitative computational cardiac arrhythmia simulations, based on selected intervals of interest from 12-lead electrocardiogram and uploaded clinical parameters, including uploading clinical parameters with interpretation and report	Investigational
0898T	Noninvasive prostate cancer estimation map, derived from augmentative analysis of image-guided fusion biopsy and pathology, including visualization of margin volume and location, with margin determination and physician interpretation and report	Investigational

0899T	Noninvasive determination of absolute quantitation of myocardial blood flow (AQMBF), derived from augmentative algorithmic analysis of the dataset acquired via contrast cardiac magnetic resonance (CMR), pharmacologic stress, with interpretation and report by a physician or other qualified health care professional (List separately in addition to code for primary procedure)	Investigational
0900T	Noninvasive estimate of absolute quantitation of myocardial blood flow (AQMBF), derived from assistive algorithmic analysis of the dataset acquired via contrast cardiac magnetic resonance (CMR), pharmacologic stress, with interpretation and report by a physician or other qualified health care professional (List separately in addition to code for primary procedure)	Investigational
20560	Needle insertion(s) without injection(s); 1 or 2 muscle(s)	Investigational
20561	Needle insertion(s) without injection(s); 3 or more muscles	Investigational
22526	Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; single level	Investigational
22527	Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; 1 or more additional levels (List separately in addition to code for primary procedure)	Investigational
22836	Vertebral body tethering; up to 7 vertebral segments	Investigational
22837	Vertebral body tethering; 8 or more vertebral segments	Investigational
22838	Revision, replacement, or removal of vertebral body tethering	Investigational

22857	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), single interspace, lumbar	Investigational
22860	Total disc arthroplasty, anterior approach, including discectomy ; second lumbar interspace	Investigational
22862	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; lumbar	Investigational
22867	Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; single level	Investigational
22868	Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; second level (List separately in addition to code for primary procedure)	Investigational
22869	Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; single level	Investigational
22870	Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; second level (List separately in addition to code for primary procedure)	Investigational
27278	Arthrodesis, sacroiliac joint, percutaneous, with image guidance, including placement of intra-articular implant(s) (eg, bone allograft[s], synthetic device[s]), without placement of transfixation device	Investigational

28890	Extracorporeal shock wave, high energy, performed by a physician or other qualified health care professional, requiring anesthesia other than local, including ultrasound guidance, involving the plantar fascia	Investigational
30468	Repair of nasal valve collapse with subcutaneous/submucosal lateral wall implant(s)	Investigational
30469	Nasal valve collapse repair using low energy, temperature-controlled remodeling	Investigational
31242	Surgical nasal/sinus endoscopy; radiofrequency ablation, posterior nasal nerve	Investigational
31243	Surgical nasal/sinus endoscopy; cryoablation, posterior nasal nerve	Investigational
31647	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with balloon occlusion, when performed, assessment of air leak, airway sizing, and insertion of bronchial valve(s), initial lobe	Investigational
31648	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with removal of bronchial valve(s), initial lobe	Investigational
31649	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with removal of bronchial valve(s), each additional lobe (List separately in addition to code for primary procedure)	Investigational
31651	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with balloon occlusion, when performed, assessment of air leak, airway sizing, and insertion of bronchial valve(s), each additional lobe (List separately in addition to code for primary procedure[s])	Investigational
31660	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 1 lobe	Investigational

31661	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 2 or more lobes	Investigational
33275	Transcatheter removal of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography), when performed	Investigational
33276	Phrenic nerve stimulator system placement, initial analysis with diagnostic mode activation, when performed	Investigational
33277	Phrenic nerve stimulator transvenous lead placement (List separately in addition to code for primary procedure)	Investigational
33278	Phrenic nerve stimulator removal	Investigational
33279	Phrenic nerve stimulator removal; transvenous stimulation or sensing lead(s) only	Investigational
33280	Phrenic nerve stimulator removal; pulse generator only	Investigational
33281	Phrenic nerve stimulator transvenous lead repositioning	Investigational
33287	Phrenic nerve stimulator, removal and replacement; pulse generator	Investigational
33288	Phrenic nerve stimulator removal and replacement; transvenous stimulation or sensing lead	Investigational
33289	Transcatheter implantation of wireless pulmonary artery pressure sensor for long-term hemodynamic monitoring, including deployment and calibration of the sensor, right heart catheterization, selective pulmonary catheterization, radiological supervision and interpretation, and pulmonary artery angiography, when performed	Investigational

33370	Transcatheter placement and subsequent removal of cerebral embolic protection device(s), including arterial access, catheterization, imaging, and radiological supervision and interpretation, percutaneous (List separately in addition to code for primary procedure)	Investigational
33548	Surgical ventricular restoration procedure, includes prosthetic patch, when performed (eg, ventricular remodeling, SVR, SAVER, Dor procedures)	Investigational
36473	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, mechanochemical; first vein treated	Investigational
36474	Subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	Investigational
36836	Upper extremity, single access percutaneous arteriovenous fistula creation	Investigational
36837	Upper extremity, separate access percutaneous arteriovenous fistula creation	Investigational
41512	Tongue base suspension, permanent suture technique	Investigational
43206	Esophagoscopy, flexible, transoral; with optical endomicroscopy	Investigational
43252	Esophagogastroduodenoscopy, flexible, transoral; with optical endomicroscopy	Investigational
43284	Laparoscopy, surgical, esophageal sphincter augmentation procedure, placement of sphincter augmentation device (ie, magnetic band), including cruroplasty when performed	Investigational
43285	Removal of esophageal sphincter augmentation device	Investigational
43290	Esophagogastroduodenoscopy, with deployment of balloon	Investigational

43291	Esophagogastroduodenoscopy, with removal of balloon	Investigational
43497	Lower esophageal myotomy, transoral (ie, peroral endoscopic myotomy [POEM])	Investigational
43647	Laparoscopy, surgical; implantation or replacement of gastric neurostimulator electrodes, antrum	Investigational
43648	Laparoscopy, surgical; revision or removal of gastric neurostimulator electrodes, antrum	Investigational
43881	Implantation or replacement of gastric neurostimulator electrodes, antrum, open	Investigational
43882	Revision or removal of gastric neurostimulator electrodes, antrum, open	Investigational
46707	Repair of anorectal fistula with plug (eg, porcine small intestine submucosa [SIS])	Investigational
47371	Laparoscopy, surgical, ablation of 1 or more liver tumor(s); cryosurgical	Investigational
47381	Ablation, open, of 1 or more liver tumor(s); cryosurgical	Investigational
47383	Ablation, 1 or more liver tumor(s), percutaneous, cryoablation	Investigational
52284	Cystourethroscopy, with urethral mechanical dilation and drug delivery by drug-coated balloon catheter	Investigational
53451	Periurethral transperineal adjustable balloon continence device; bilateral insertion, including cystourethroscopy and imaging guidance	Investigational
53452	Periurethral transperineal adjustable balloon continence device; unilateral insertion, including cystourethroscopy and imaging guidance	Investigational
53453	Periurethral transperineal adjustable balloon continence device; removal, each balloon	Investigational
53454	Periurethral transperineal adjustable balloon continence device; percutaneous adjustment of balloon(s) fluid volume	Investigational

55706	Biopsies, prostate, needle, transperineal, stereotactic template guided saturation sampling, including imaging guidance	Investigational
55880	Ablation of malignant prostate tissue, transrectal, with high intensity-focused ultrasound (HIFU), including ultrasound guidance	Investigational
61736	Laser interstitial thermal therapy (LITT) of lesion, intracranial, including burr hole(s), with magnetic resonance imaging guidance, when performed; single trajectory for 1 simple lesion	Investigational
61737	Laser interstitial thermal therapy (LITT) of lesion, intracranial, including burr hole(s), with magnetic resonance imaging guidance, when performed; multiple trajectories for multiple or complex lesion(s)	Investigational
62263	Percutaneous lysis of epidural adhesions using solution injection (eg, hypertonic saline, enzyme) or mechanical means (eg, catheter) including radiologic localization (includes contrast when administered), multiple adhesiolysis sessions; 2 or more days	Investigational
62264	Percutaneous lysis of epidural adhesions using solution injection (eg, hypertonic saline, enzyme) or mechanical means (eg, catheter) including radiologic localization (includes contrast when administered), multiple adhesiolysis sessions; 1 day	Investigational
62287	Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, any method utilizing needle based technique to remove disc material under fluoroscopic imaging or other form of indirect visualization, with discography and/or epidural injection(s) at the treated level(s), when performed, single or multiple levels, lumbar	Investigational

62380	Endoscopic decompression of spinal cord, nerve root(s), including laminotomy, partial facetectomy, foraminotomy, discectomy and/or excision of herniated intervertebral disc, 1 interspace, lumbar	Investigational
64454	Injection(s), anesthetic agent(s) and/or steroid; genicular nerve branches, including imaging guidance, when performed	Investigational
64505	Injection, anesthetic agent; sphenopalatine ganglion	Investigational
64575	Open implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)	Investigational
64585	Revision or removal of peripheral neurostimulator electrode array	Investigational
64624	Destruction by neurolytic agent, genicular nerve branches including imaging guidance, when performed	Investigational
64625	Radiofrequency ablation, nerves innervating the sacroiliac joint, with image guidance (ie, fluoroscopy or computed tomography)	Investigational
64628	Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; first 2 vertebral bodies, lumbar or sacral	Investigational
64629	Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; each additional vertebral body, lumbar or sacral (List separately in addition to code for primary procedure)	Investigational
76120	Cineradiography/videoradiography, except where specifically included	Investigational
76125	Cineradiography/videoradiography to complement routine examination (List separately in addition to code for primary procedure)	Investigational
77085	Dual-energy X-ray absorptiometry (DXA), bone density study, 1 or more sites; axial skeleton (eg, hips, pelvis, spine), including vertebral fracture assessment	Investigational

77086	Vertebral fracture assessment via dual-energy X-ray absorptiometry (DXA)	Investigational
77089	Trabecular bone score (TBS), structural condition of the bone microarchitecture; using dual X-ray absorptiometry (DXA) or other imaging data on gray-scale variogram, calculation, with interpretation and report on fracture-risk	Investigational
77090	Trabecular bone score (TBS), structural condition of the bone microarchitecture; technical preparation and transmission of data for analysis to be performed elsewhere	Investigational
77091	Trabecular bone score (TBS), structural condition of the bone microarchitecture; technical calculation only	Investigational
77092	Trabecular bone score (TBS), structural condition of the bone microarchitecture; interpretation and report on fracture-risk only by other qualified health care professional	Investigational
78835	Radiopharmaceutical quantification measurement(s) single area (List separately in addition to code for primary procedure)	Investigational
81277	Cytogenomic neoplasia (genome-wide) microarray analysis, interrogation of genomic regions for copy number and loss-of-heterozygosity variants for chromosomal abnormalities	Investigational
81418	Drug metabolism genomic sequence panel, must include testing of at least 6 genes, including CYP2C19, CYP2D6, and CYP2D6 duplications and deletions	Investigational
81449	Targeted genomic sequence analysis panel, solid organ neoplasm, 5-50 genes RNA analysis	Investigational

81451	Hematolymphoid neoplasm or disorder, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis	Investigational
81456	Solid organ or hematolymphoid neoplasm or disorder, 51 or greater genes, genomic sequence analysis panel, interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis	Investigational
81514	Infectious disease, bacterial vaginosis and vaginitis, quantitative real-time amplification of DNA markers for Gardnerella vaginalis, Atopobium vaginae, Megasphaera type 1, Bacterial Vaginosis Associated Bacteria-2 (BVAB-2), and Lactobacillus species (L. crispatus and L. jensenii), utilizing vaginal-fluid specimens, algorithm reported as a positive or negative for high likelihood of bacterial vaginosis, includes separate detection of Trichomonas vaginalis and/or Candida species (C. albicans, C. tropicalis, C. parapsilosis, C. dubliniensis), Candida glabrata, Candida krusei, when reported	Investigational
81539	Oncology (high-grade prostate cancer), biochemical assay of four proteins (Total PSA, Free PSA, Intact PSA, and human kallikrein-2 [hK2]), utilizing plasma or serum, prognostic algorithm reported as a probability score	Investigational

81560	Transplantation medicine (allograft rejection, pediatric liver and small bowel), measurement of donor and third party-induced CD154+T-cytotoxic memory cells, utilizing whole peripheral blood, algorithm reported as a rejection risk score	Investigational
82107	Alpha-fetoprotein (AFP); AFP-L3 fraction isoform and total AFP (including ratio)	Investigational
82172	Apolipoprotein, each	Investigational
82523	Collagen cross links, any method	Investigational
82610	Cystatin C	Investigational
82664	Electrophoretic technique, not elsewhere specified	Investigational
83006	Growth stimulation expressed gene 2 (ST2, Interleukin 1 receptor like-1)	Investigational
83695	Lipoprotein (a)	Investigational
83722	Lipoprotein, direct measurement; small dense LDL cholesterol	Investigational
83937	Osteocalcin (bone g1a protein)	Investigational
83987	pH; exhaled breath condensate	Investigational
84080	Phosphatase, alkaline; isoenzymes	Investigational
86305	Human epididymis protein 4 (HE4)	Investigational
88375	Optical endomicroscopic image(s), interpretation and report, real-time or referred, each endoscopic session	Investigational
90584	Dengue vaccine, quadrivalent, live, 2 dose schedule, for subcutaneous use	Investigational
90624	Meningococcal pentavalent vaccine, Men B-4C recombinant proteins and outer membrane vesicle and conjugated Men A, C, W, Y-diphtheria toxoid carrier, for intramuscular use	Investigational
91111	Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), esophagus with interpretation and report	Investigational
91300	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3mL dosage, diluent reconstituted, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)

91301	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 100 mcg/0.5mL dosage, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)
91303	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, DNA, spike protein, adenovirus type 26 (Ad26) vector, preservative free, 5x10 ¹⁰ viral particles/0.5mL dosage, for intramuscular use	Investigational COVID-19 Effective:(05/07/2023)
91305	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)
91306	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.25 mL dosage, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)
91307	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)
91308	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)

91309	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)
91311	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 25 mcg/0.25 mL dosage, for intramuscular use	Investigational COVID-19 Effective:(04/18/2023)
92145	Corneal hysteresis determination, by air impulse stimulation, unilateral or bilateral, with interpretation and report	Investigational
92548	Computerized dynamic posturography sensory organization test (CDP-SOT), 6 conditions (ie, eyes open, eyes closed, visual sway, platform sway, eyes closed platform sway, platform and visual sway), including interpretation and report;	Investigational
92549	Computerized dynamic posturography sensory organization test (CDP-SOT), 6 conditions (ie, eyes open, eyes closed, visual sway, platform sway, eyes closed platform sway, platform and visual sway), including interpretation and report; with motor control test (MCT) and adaptation test (ADT)	Investigational
92572	Staggered spondaic word test	Investigational
92576	Synthetic sentence identification test	Investigational
92972	Coronary transluminal lithotripsy	Investigational

93050	Arterial pressure waveform analysis for assessment of central arterial pressures, includes obtaining waveform(s), digitization and application of nonlinear mathematical transformations to determine central arterial pressures and augmentation index, with interpretation and report, upper extremity artery, non-invasive	Investigational
93150	Therapy activation of phrenic nerve stimulator system	Investigational
93151	Interrogation and programming of phrenic nerve stimulator system	Investigational
93152	Interrogation and programming of phrenic nerve stimulator system done at the same time as a polysomnography	Investigational
93153	Interrogation without programming of phrenic nerve stimulator system	Investigational
93264	Remote monitoring of a wireless pulmonary artery pressure sensor for up to 30 days, including at least weekly downloads of pulmonary artery pressure recordings, interpretation(s), trend analysis, and report(s) by a physician or other qualified health care professional	Investigational
93356	Myocardial strain imaging using speckle tracking-derived assessment of myocardial mechanics (List separately in addition to codes for echocardiography imaging)	Investigational
93701	Bioimpedance-derived physiologic cardiovascular analysis	Investigational
95012	Nitric oxide expired gas determination	Investigational
95803	Actigraphy testing, recording, analysis, interpretation, and report (minimum of 72 hours to 14 consecutive days of recording)	Investigational

95905	Motor and/or sensory nerve conduction, using preconfigured electrode array(s), amplitude and latency/velocity study, each limb, includes F-wave study when performed, with interpretation and report	Investigational
95957	Digital analysis of electroencephalogram (EEG) (eg, for epileptic spike analysis)	Investigational
96000	Comprehensive computer-based motion analysis by videotaping and 3D kinematics;	Investigational
96001	Comprehensive computer-based motion analysis by videotaping and 3D kinematics; with dynamic plantar pressure measurements during walking	Investigational
96002	Dynamic surface electromyography, during walking or other functional activities, 1-12 muscles	Investigational
96003	Dynamic fine wire electromyography, during walking or other functional activities, 1 muscle	Investigational
96004	Review and interpretation by physician or other qualified health care professional of comprehensive computer-based motion analysis, dynamic plantar pressure measurements, dynamic surface electromyography during walking or other functional activities, and dynamic fine wire electromyography, with written report	Investigational
97033	Application of a modality to 1 or more areas; iontophoresis, each 15 minutes	Investigational
97533	Sensory integrative techniques to enhance sensory processing and promote adaptive responses to environmental demands, direct (one-on-one) patient contact, each 15 minutes	Investigational
97610	Low frequency, non-contact, non-thermal ultrasound, including topical application(s), when performed, wound assessment, and instruction(s) for ongoing care, per day	Investigational

97799	Unlisted physical medicine/rehabilitation service or procedure	Investigational
98978	Remote therapeutic monitoring; device supply, recording, transmission to monitor cognitive behavioral therapy, each 30 days	Investigational