

Colonoscopy (COLOS) Episode Description

Signify Health Version 1.1

An episode of care, also known as an episode, groups all relevant services provided to a patient for a particular condition within a confined time range. An episode of care serves as a unit of accounting as well as a unit of accountability for providers who take on financial risk for the episode. Defining an episode in such a manner helps to identify sources of variation and to standardize care.

An episode of care for Colonoscopy, sometimes abbreviated COLOS, is a procedural episode. The Colonoscopy episode includes services related to the procedure such as a facility stay, anesthesia services, as well as services within the 3-day pre- and 14-day post-operative care time window, such as diagnostic services, (imaging, labs etc.), office visits, and ancillary services.

Episode Components

Triggers	A Colonoscopy episode is triggered by an outpatient facility or a professional claim with a procedure trigger code (in any position) and a qualifying diagnosis code (in any position) on the same claim. (Table 1)
Typical Diagnosis	Typical diagnosis codes (ICD 10 DX codes) indicate typical care. Claims with typical diagnosis codes usually associated with an episode help steer services into this episode. However, a relevant procedure code is required on the same claim/claim line for the indicated diagnosis code to be incorporated into the episode. (Table 2)
Actionable adverse events (AAE)	Actionable adverse events (AAE) are events that are recognized by diagnosis codes (ICD 10 DX codes) and their timing to indicate potential complications of care. They require a relevant procedure code (ICD 10 PX codes; CPT/HCPCS codes) on the same claim/claim line to assign the claim to the episode. Additional rules are used to identify AAEs in addition to the presence of AAE diagnosis codes. For example, relevant acute inpatient readmission claims

	are flagged as actionable adverse events regardless of the presence of AAE codes. (Table 3)
Relevant Procedure Codes	All relevant services within the timeframe of an episode are included within an episode. These include office visits, emergency room visits, inpatient professional or facility services, labs, radiology or ancillary services. Relevant diagnosis and procedure codes help identify which services are included. Some procedure codes are sufficient to stand alone, while others require typical or actionable adverse event (AAE) diagnosis codes on the same claim/claim line to steer services into the episode. (Tables 4 and 5)
Relevant Pharmacy	All relevant pharmacy services are included within an episode. These are identified by National Drug Codes (NDC) on a pharmacy claim and are grouped using the RxNorm grouping classification for ease of assigning them into episodes. (Table 6)
SubTypes	<p>Episode subtypes are used to adjust the target price and/or to subset episode type for reporting purposes. They are specific to the episode and identified from the trigger claim or from claims during the look-back period.</p> <p>Examples of Subtype Groups:</p> <ul style="list-style-type: none"> • Colonoscopy with Biopsy • Polypectomy • Partial Colectomy • Colonoscopy • Cancer of Colon • Cancer of Rectum and Anus • Cancer of Other GI Organs

Code Tables

Table 1: Trigger Codes

Trigger Type	Code Value
CPT / HCPCS Triggers	44388, 44389, 44392, 44394, 44403, 44404, 45330, 45331, 45333, 45335, 45338, 45378, 45380, 45381, 45384, 45385, 45390, G0104, G0105, G0106, G0120, G0121, G0122, G9936, G9937
ICD-10-CM (DX) Qualifying Diagnosis	A047, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C19, C20, C210, C211, C212, C218, C260, C269, C457, C459, C463, C464, C467, C469, C758, C759, C762,

	<p>C763, C768, C772, C775, C778, C779, C784, C785, C786, C787, C7880, C7889, C7989, C799, C7A00, C7A020, C7A021, C7A022, C7A023, C7A024, C7A025, C7A026, C7A029, C7A096, C7A098, C7A1, C7A8, C7B00, C7B01, C7B02, C7B04, C7B09, C7B8, C800, C801, C960, C962, C96A, D010, D011, D012, D013, D0140, D0149, D017, D019, D093, D098, D099, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D139, D175, D1771, D1803, D191, D200, D201, D371, D372, D373, D374, D375, D378, D379, D3A010, D3A011, D3A012, D3A019, D3A020, D3A021, D3A022, D3A023, D3A024, D3A025, D3A026, D3A029, D3A095, D3A096, D438, D439, D440, D442, D449, D483, D484, D487, D489, D490, D4989, D499, K5000, K50011, K50012, K50013, K50014, K50018, K50019, K5010, K50111, K50112, K50113, K50114, K50118, K50119, K5080, K50811, K50812, K50813, K50814, K50818, K50819, K5090, K50911, K50912, K50913, K50914, K50918, K50919, K5100, K51011, K51012, K51013, K51014, K51018, K51019, K5120, K51211, K51212, K51213, K51214, K51218, K51219, K5130, K51311, K51312, K51313, K51314, K51318, K51319, K5140, K51411, K51412, K51413, K51414, K51418, K51419, K5150, K51511, K51512, K51513, K51514, K51518, K51519, K5180, K51811, K51812, K51813, K51814, K51818, K51819, K5190, K51911, K51912, K51913, K51914, K51918, K51919, K520, K521, K522, K5221, K5222, K5229, K523, K5281, K5282, K52831, K52832, K52838, K52839, K5289, K529, K55031, K55032, K55039, K55041, K55042, K55049, K5520, K560, K561, K562, K567, K5700, K5701, K5710, K5712, K5713, K5720, K5721, K5730, K5732, K5733, K5740, K5741, K5750, K5752, K5753, K5780, K5781, K5790, K5792, K5793, K580, K581, K582, K588, K589, K5900, K5901, K5902, K5903, K5904, K591, K592, K593, K5931, K5939, K598, K599, K625, K6282, K635, K900, K901, K902, K904, K9041, K9049, K9089, K909, K911, K913, K9181, K921, K922, K9400, K9401, K9402, K9403, K9409, K9410, K9411, K9412, K9413, K9419, Q412, Q418, Q419, Q420, Q421, Q422, Q423, Q428, Q429, Q430, Q431, Q432, Q433, Q434, Q435, Q436, Q437, Q438, Q439, Q458, Q459, Q8500, Q8501, Q8502, Q8503, Q8509, R1113, R180, R85610, R85611, R85612, R85613, R85614, R85615, R85616, R85618, R85619, R8581, R8582, Z1210, Z1211, Z1212, Z1213, Z1279, Z1289, Z432, Z433, Z434, Z800, Z8371, Z8379, Z8500, Z8501, Z85020, Z85028, Z85030, Z85038, Z85040, Z85048, Z85060, Z85068, Z8507, Z8509, Z85110, Z85230, Z85520, Z85821, Z85831, Z8589, Z859, Z86010, Z8719, Z87738, Z932, Z933, Z934, Z980</p>
ICD-10-PCS (PX) Triggers	<p>0DBE7ZX, 0DBE8ZX, 0DBH8ZZ, 0DBK8ZZ, 0DBM8ZZ, 0DBN8ZZ, 0DJD4ZZ, 0DJD7ZZ, 0DJD8ZZ</p>

Table 2: ICD-10 Typical Diagnosis

Group ID	Group Name	Code Value
DXX05297	Hypotension / Syncope	I9589
DXX05345	Orthostatic Hypotension / Dizziness	I950, I951, R42
DXX0607	ID – other bacterial	A213, A222
DXX06157	GI – food poisoning	A054, A055
DXX06158	GI – gastroenteritis – bacterial	A0220, A0225, A0229, A045, A046
DXX06160	Gastroenteritis	A080, A0811, A0819, A082, A0831, A0832, A0839, A084, A088, A09, K5289, K529
DXX06161	GI – gastroenteritis – protozoal	A073, A074, A078, A079
DXX06162	GI – diarrhea	R197
DXX06173	GI – peritoneal ds – nec / nos	K668, K669
DXX06187	Hemorrhoids	K640, K641, K642, K643, K648, K649
DXX06189	GI – hemorrhoids – nos	K645
DXX06190	GI – hemorrhoids – residual tags	K644
DXX06204	GI – constipation	R150
DXX06206	GI – abdominal pain	R1012, R1032
DXX06207	GI – flatulence / gas pain	R14–, R141, R142, R143
DXX06208	GI – symptoms – nec / nos	R194, R198
DXX06211	GI – abnormal bowel sounds	R1911, R1912, R1915
DXX06212	GI – visible peristalsis	R192
DXX06213	GI – abnormal feces	R195
DXX06214	GI – abdominal tenderness	R10812, R10822
DXX06216	GI – abdominal mass	R1902, R1904
DXX06218	GI – abnormal abdominal imaging study	R935
DXX06219	GI – abnormal gi imaging study	R933
DXX06221	GI – personal hx of GI disease	Z8719
DXX06222	GI – family hx of GI disease	Z8379
DXX06267	Nausea, vomiting	R110, R1110, R1111, R1112, R112
DXX06274	Intestinal infection	A029, A030, A031, A032, A033, A038, A039, A040, A041, A042, A043, A044, A048, A049, A050, A051, A052, A053, A058, A059, A070
DXX06276	Anal and rectal conditions	K594, R151, R152, R159
DXX06277	Irritable Bowel and other functional GI disor	K580, K581, K582, K588, K589, K5900, K5901, K5902, K5903, K5904, K591, K598, K599, K634, K6389, K639, K9289, K929
DXX06281	Diverticulitis, colitis	K5221, K5222, K5282, K5712, K5732, K5752, K5792

DXX06283	Intestinal Malabsorption, Celiac Disease	K900, K901, K902, K904, K9041, K9049, K9089, K909
DXX06285	Previous bowel surgery, ostomy status	Z432, Z433, Z434, Z4651, Z4659, Z932, Z933, Z934, Z980
DXX06286	Personal history of GI cancer	Z8500, Z8501, Z85028, Z85038, Z85048, Z85068, Z8507, Z8509
DXX06287	Hx of colon polyps, family Hx of colon cancer	Z800, Z8371, Z86010
DXX06288	Cancer of colon	C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C260, C7A020, C7A021, C7A022, C7A023, C7A024, C7A025, C7A029
DXX06290	Cancer of other GI organs; peritoneum	C269, D0140, D0149, D017, D019
DXX06291	Cancer of rectum and anus	C19, C20, C210, C211, C212, C218, C7A026, R85610, R85611, R85612, R85613, R85614, R85619
DXX06295	Digestive congenital anomalies	Q434, Q435, Q436, Q437, Q438, Q439, Q458, Q459, Z87738
DXX06297	Cancer in situ, Colon	D010
DXX06298	Cancer in situ, Anorectal	D011, D012, D013
DXX06306	GI Bleed	K625, K921, K922
DXX06307	Intestinal Obstruction	K560, K561, K562, K565, K5660, K5669, K567, R1113
DXX06311	Vascular Insufficiency of intestine	K550, K55011, K55012, K55019, K55021, K55022, K55029, K55031, K55031, K55032, K55032, K55039, K55039, K55041, K55041, K55042, K55042, K55049, K55049, K55051, K55052, K55059, K55061, K55062, K55069, K551, K5530, K5531, K5532, K5533, K558, K559
DXX06314	Digestive system complications	K592, K593, K5931, K5939
DXX06315	Fistula GI tract	K632
DXX06316	Achalasia, Esophageal Spasm, Stricture, Dysphagia	R1310
DXX06326	Diverticulosis, Meckel's diverticulum, Angiodyspalsia	K5710, K5711, K5730, K5731, K5750, K5751, K5790, K5791, Q430
DXX06332	Dysphagia	R130, R1311, R1312, R1313, R1314, R1319
DXX06335	Retroperitoneal Abscess	K689
DXX06336	Diverticulitis with hemorrhage	K5701, K5713, K5721, K5733, K5741, K5753, K5781, K5793
DXX06337	Toxic Gastroenteritis	K521
DXX06340	GI inflammation from chemotherapy	K9281
DXX06341	Crohn's Disease	K5000, K5010, K5080, K5090
DXX06342	Ulcerative Colitis	K5100, K5120, K5130, K5150, K5180, K5190
DXX06348	Ulceration of Intestine	K633

DXX06349	Angiodysplasia of intestine	K5520, K5521, K6381
DXX06351	Pseudopolyposis of colon	K5140, K51411, K51418, K51419
DXX06353	Perforation, Peritonitis, Abd Abscess	R188, R1930, R1931, R1932, R1933, R1934, R1935, R1936, R1937
DXX06354	Perianal disease	K600, K601, K602, K603, K604, K605, K610, K611, K612, K613, K614, K620, K621, K624, K626, K627, K6281, K6289, K629
DXX06355	Rectal Prolapse	K622, K623
DXX06356	Nonspecific Gastroenteritis	K523, K52831, K52832, K52838, K52839
DXX06364	Heartburn	R12
DXX06365	Abdominal pain	R100, R1010, R1011, R102, R1030, R1031, R1033, R1084, R109
DXX06366	Abdominal mass	R1900, R1901, R1903, R1905, R1906, R1907, R1909
DXX06367	Abdominal tenderness	R10811, R10813, R10814, R10815, R10816, R10817, R10819, R10821, R10823, R10824, R10825, R10826, R10827, R10829
DXX06368	Benign Carcinoid Tumor of the GI tract	D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D139, D191, D200, D201, D3A010, D3A011, D3A012, D3A019, D3A020, D3A021, D3A022, D3A023, D3A024, D3A025, D3A026, D3A029, D3A095, D3A096, K635
DXX06370	Crohn's Disease w Fistula	K50013, K50113, K50813, K50913
DXX06371	Crohn's Disease w Abscess	K50014, K50114, K50814, K50914
DXX06372	Ulc Colitis w Obstruction	K51012, K51212, K51312, K51412, K51512, K51812, K51912
DXX06373	Ulc Colitis w Fistula	K51013, K51213, K51313, K51413, K51513, K51813, K51913
DXX06374	Ulc Colitis w Abscess	K51014, K51214, K51314, K51414, K51514, K51814, K51914
DXX06375	Allergic, Dietetic, Eosinophilic Gastroenteritis	K522, K5229, K5281
DXX06376	Diverticulitis w Perf, Abscess	K5700, K5720, K5740, K5780
DXX06381	Ulcerative colitis w rectal bleeding	K51011, K51211, K51311, K51511, K51811, K51911
DXX06382	Ulcerative colitis w other complications	K51018, K51019, K51218, K51219, K51318, K51319, K51518, K51519, K51818, K51819, K51918, K51919
DXX06383	Crohn's disease w rectal bleeding	K50011, K50111, K50811, K50911
DXX06384	Crohn's disease w other complications	K50018, K50019, K50118, K50119, K50818, K50819, K50918, K50919
DXX06394	Premalignancy anus/rectum	K6282, R85618, R8582
DXX06395	Post GI Surgery Syndromes	K911
DXX06396	Crohn's disease w intestinal obstruction	K50012, K50112, K50812, K50912

DXX0647	Neoplsm – hemangioma – gi – nos	D1803
DXX0648	Neoplsm – lipoma – gi – nos	D175, D1771
DXX0656	Neoplsm – gi – premalignant – anus / rectum	R85615, R85616, R8581
DXX0657	Neoplsm – screening – small intestine	Z1213
DXX0658	Neoplsm – screening – colon – nos	Z1211
DXX0659	Neoplsm – screening – rectum	Z1212
DXX0660	Neoplsm – screening – gi – nos	Z1210
DXX10120	Thyroid Cancer	D093, D440
DXX13108	Postop adhesions	K660, N994
DXX1583	Congenital GI Problems in NB	Q412, Q418, Q419, Q420, Q421, Q422, Q423, Q428, Q429, Q431, Q432, Q433
DXX16239	Blood – anemia due to esrd	D631
DXX16240	Blood – anemia due to cancer / rx	D630
DXX16242	Blood – other anemia	D640, D641, D642, D643
DXX16289	Prvn – screening – other	Z130
DXX16293	Iron deficiency and other anemias	D500, D501, D508, D509, D638, D644, D6489, D649
DXX16297	Bone Marrow Suppression	D6481
DXX1763	Neoplsm – screening – nos	Z1279, Z1289
DXX1767	Cancer; other and unspecified primary	C457, C459, C762, C763, C768, C7A00, C7A096, C7A098, C7B00, C7B09, C7B8, C801
DXX1768	Secondary malignancies	C772, C775, C778, C779, C785, C786, C787, C7880, C7889, C7989, C799, C7B01, C7B02, C7B04, R180
DXX1771	Metastatic Cancer and Acute Leukemia	C784
DXX1772	Neoplasms of unspecified nature or uncertain behavior	D098, D099, D371, D372, D373, D374, D375, D378, D379, D438, D439, D442, D449, D483, D484, D487, D489, D490, D4989, D499, Q8500, Q8501, Q8502, Q8503, Q8509
DXX1773	Disseminated Metastatic Cancer	C800
DXX1774	Neuroendocrine, Myeloproliferative Cancers	C463, C464, C467, C469, C758, C759, C7A1, C7A8, C960, C962, C96A
DXX1854	Parasitic Infections: Amebiasis, Giardiasis	A060, A061, A062, A063, A067, A0681, A0682, A0689, A069, A071
DXX1963	Anxiety Disorders	F064
DXX2104	NS – acute pain – post op	G8918
DXX2159	Toxic Effects of Radiation	K520
DXX2332	Sxs – symptoms -other	R6889
DXX2370	Fever & Chills	R5081, R509, R6883

DXX2385	Personal history of cancer	Z85020, Z85030, Z85040, Z85060, Z85110, Z85230, Z85520, Z85821, Z85831, Z8589, Z859
XX0000	Ungrouped Codes	Z0489, Z86004, B3781, I480, I482, I4891, J90

Table 3: ICD-10 Actionable Adverse Events

Group ID	Group Name	Code Value
DXX01384	Hemorrhagic Stroke	I60, I600, I6000, I6001, I6002, I601, I6010, I6011, I6012, I602, I6020, I6021, I6022, I603, I6030, I6031, I6032, I604, I605, I6050, I6051, I6052, I606, I607, I608, I609, I610, I611, I612, I613, I614, I615, I616, I618, I619, I6200, I6201, I6202, I6203, I621, I629
DXX01385	Thromboembolic Stroke	I6300, I63011, I63012, I63013, I63019, I6302, I63031, I63032, I63033, I63039, I6309, I6310, I63111, I63112, I63113, I63119, I6312, I63131, I63132, I63133, I63139, I6319, I6320, I63211, I63212, I63213, I63219, I6322, I63231, I63232, I63233, I63239, I6329, I6330, I63311, I63312, I63313, I63319, I63321, I63322, I63323, I63329, I63331, I63332, I63333, I63339, I63341, I63342, I63343, I63349, I6339, I6340, I63411, I63412, I63413, I63419, I63421, I63422, I63423, I63429, I63431, I63432, I63433, I63439, I63441, I63442, I63443, I63449, I6349, I6350, I63511, I63512, I63513, I63519, I63521, I63522, I63523, I63529, I63531, I63532, I63533, I63539, I63541, I63542, I63543, I63549, I6359, I636, I638, I639
DXX01388	Transient cerebral ischemia, TIA	G450, G451, G452, G458, G459, G460, G461, G462, I67841, I67848
DXX01391	Meningitis / Encephalitis	G038
DXX01392	Delirium, Encephalopathy	F05, G92, G9340, G9341, G9349, I6783
DXX04126	other lung complications	J940, J941, J942, J949, J954, J955, J95859, J9588, R091
DXX04127	empyema, lung abscess	J869
DXX04130	Aspiration Pneumonia	J690, J691, J698
DXX04138	Viral Pneumonia	B012, J120, J122, J123, J1289, J129
DXX04142	Respiratory Failure	J80, J9584, J9600, J9601, J9602, J9610, J9611, J9612, J9620, J9621, J9622, J9690, J9691, J9692, R092
DXX04154	Respiratory Insufficiency	R0681, R0901, R0902, Y654, Z9981

DXX04164	Chronic Fungal and Other Pneumonias	A70, B390, B391, B392, B440, B7781
DXX04170	Ventilator Associated Pnuemonia	J95851
DXX04172	Gram Negative Pneumonia	J155, J156
DXX04173	MRSA Pneumonia	J15212
DXX04174	Other Staph Pneumonia	J1520, J15211, J1529
DXX04176	Resp Failure following trauma / surgery	J951, J952, J953, J95821, J95822
DXX04177	Ventilator Dependence	Z9911, Z9912
DXX04187	Other lung problems	J918, J9811, J9819, R063
DXX04188	Other Bacterial Pneumonia	J158, J159, J17, J188, J189
DXX04189	Debilitating Viral Pneumonia	J09X1
DXX04190	Influenza with Pneumonia	J1000, J1001, J1008, J1100, J1108
DXX05272	dic, coagulation, hemorrhagic disorders	D65, D7582
DXX05274	Transfusion, Infusion related complications	D6951, E8771, R5084, T8029XA, T8030XA, T80310A, T80311A, T80319A, T8039XA, T8040XA, T80410A, T80411A, T80419A, T8049XA, T8051XA, T8059XA, T8061XA, T8069XA, T80818A, T8089XA, T8090XA, T80910A, T80911A, T80919A, T8092XA, T80A0XA, T80A10A, T80A11A, T80A19A, T80A9XA, Y620, Y621, Y623, Y630, Y631, Y640, Y650, Y651
DXX05275	Phlebitis, Deep vein thrombosis (DVT)	I8000, I8001, I8002, I8003, I8010, I8011, I8012, I8013, I80201, I80202, I80203, I80209, I80211, I80212, I80213, I80219, I80221, I80222, I80223, I80229, I80231, I80232, I80233, I80239, I80291, I80292, I80293, I80299, I803, I809, I821, I82401, I82402, I82403, I82409, I82411, I82412, I82413, I82419, I82421, I82422, I82423, I82429, I82431, I82432, I82433, I82439, I82441, I82442, I82443, I82449, I82491, I82492, I82493, I82499, I824Y1, I824Y2, I824Y3, I824Y9, I824Z1, I824Z2, I824Z3, I824Z9, I82811, I82812, I82813, I82819, I82890, I8290, I87001, I87002, I87003, I87009, I87011, I87012, I87013, I87019, I87021, I87022, I87023, I87029, I87031, I87032, I87033, I87039, I87091, I87092, I87093, I87099
DXX05281	STEMI	I2101, I2102, I2109, I2111, I2119, I2121, I2129, I213
DXX05289	Subendocardial infarct	I214
DXX05291	Recent AMI	I220, I221, I222, I228, I229

DXX05297	Hypotension / Syncope	I952, I9581, I959, R55
DXX05298	Fluid Electrolyte Acid Base Problems	E8330, E8339, E8340, E8341, E8342, E8349, E870, E871, E872, E873, E874, E875, E876, E8770, E8779, E878
DXX05299	Shock / Cardiac Arrest	I462, I468, I469, I4901, I4902, R570, R571, R578, R579, T782XXA, T882XXA, T886XXA
DXX05308	Pulmonary Embolism	I2690, I2692, I2699
DXX05309	IVC & other intra-abd venous thrombosis	I82220, I82221, I823
DXX05311	Other Phlebitis, Lymphangitis, varices	I808, I891
DXX05320	Atrial Flutter / Fibrillation	I481, I483, I484, I4892
DXX05335	Sinus Node Dysfunction	I498, R001
DXX05336	Supraventricular Tachyarrhythmias	I471, I492
DXX05339	Ventricular Arrhythmias	I470, I472
DXX05340	Other cardiac arrhythmias	I479, I499, R000, R002
DXX05342	Acute cor pulmonale	I2601, I2602, I2609
DXX05367	Hypertensive Urgency	I160, I161, I169
DXX05375	Dehydration	E860, E861, E869
DXX06305	C-Difficile Infection	A047
DXX06314	Digestive system complications	K913, K9181, K9182, K9183
DXX06335	Retroperitoneal Abscess	K6812, K6819
DXX06338	Complications of colostomy, enterostomy	K9400, K9401, K9402, K9403, K9409, K9410, K9411, K9412, K9413, K9419
DXX06352	Hemoperitoneum	K661
DXX06353	Perforation, Peritonitis, Abd Abscess	K630, K631, K650, K651, K658, K659, N733
DXX09192	Dermatitis, Urticaria	T7841XA
DXX11143	Urinary Tract Infection	N10, N110, N111, N118, N119, N12, N136, N151, N159, N16, N2884, N2885, N2886, N3000, N3001, N3010, N3011, N3020, N3021, N3030, N3031, N3080, N3081, N3090, N3091, N340, N341, N342, N343, N35111, N35112, N35113, N35114, N35119, N3512, N37, N390, R309
DXX11145	Urinary Complications	N99520, N99521, N99522, N99523, N99524, N99528, N99530, N99531, N99532, N99533, N99534, N99538, N9981, N9989
DXX11167	Acute Kidney Failure	N170, N171, N172, N178, N179, N19, N990
DXX16296	Hemorrhage	R58, R710
DXX1846	Opportunistic Infections	B395, B399, B488
DXX1849	Other bacterial infections	R899

DXX1850	MRSA, Drug Resistant Infections	A4902, B9562, Z1610, Z1611, Z1612, Z1619, Z1620, Z1621, Z1622, Z1623, Z1624, Z1629, Z1630, Z1631, Z1632, Z1633, Z16341, Z16342, Z1635, Z1639
DXX1851	Sepsis	A392, A394, A400, A401, A403, A408, A409, A4101, A4102, A411, A412, A413, A414, A4150, A4151, A4152, A4153, A4159, A4181, A4189, A419, A5486, B007, B377
DXX1852	Severe Sepsis	A483, R6511, R6520, R6521
DXX1853	Bacteremia, SIRS, no organ dysfunction	R6510, R7881
DXX19103	Altered mental status	F060, F062, R400, R401
DXX2161	Complications from Central Line	T80218A, T80219A, T8022XA
DXX2171	Adverse effects of drugs	G4440, G4441, K1232, R502, T360X5A, T360X5D, T361X5A, T361X5D, T362X5A, T362X5D, T363X5A, T363X5D, T364X5A, T364X5D, T365X5A, T365X5D, T366X5A, T366X5D, T367X5A, T367X5D, T368X5A, T368X5D, T3695XA, T3695XD, T370X5A, T370X5D, T371X5A, T371X5D, T372X5A, T372X5D, T373X5A, T373X5D, T374X5A, T374X5D, T375X5A, T375X5D, T378X5A, T378X5D, T3795XA, T3795XD, T380X5A, T380X5D, T381X5A, T381X5D, T382X5A, T382X5D, T383X5A, T383X5D, T384X5A, T384X5D, T385X5A, T385X5D, T386X5A, T386X5D, T387X5A, T387X5D, T38805A, T38805D, T38815A, T38815D, T38895A, T38895D, T38905A, T38905D, T38995A, T38995D, T39015A, T39015D, T39095A, T39095D, T391X5A, T391X5D, T392X5A, T392X5D, T39315A, T39315D, T39395A, T39395D, T394X5A, T394X5D, T398X5A, T398X5D, T3995XA, T3995XD, T400X5A, T400X5D, T402X5A, T402X5D, T403X5A, T403X5D, T404X5A, T404X5D, T40605A, T40605D, T40695A, T40695D, T407X5A, T407X5D, T40905A, T40905D, T40995A, T40995D, T415X5A, T415X5D, T420X5A, T420X5D, T421X5A, T421X5D, T422X5A, T422X5D, T423X5A, T423X5D, T424X5A, T424X5D, T425X5A, T425X5D,

		T426X5A, T426X5D, T4275XA, T4275XD, T428X5A, T428X5D, T43015A, T43015D, T43025A, T43025D, T431X5A, T431X5D, T43205A, T43205D, T43215A, T43215D, T43225A, T43225D, T43295A, T43295D, T433X5A, T433X5D, T434X5A, T434X5D, T43505A, T43505D, T43595A, T43595D, T43605A, T43605D, T43615A, T43615D, T43625A, T43625D, T43635A, T43635D, T43695A, T43695D, T438X5A, T438X5D, T4395XA, T4395XD, T440X5A, T440X5D, T441X5A, T441X5D, T442X5A, T442X5D, T443X5A, T443X5D, T444X5A, T444X5D, T445X5A, T445X5D, T446X5A, T446X5D, T447X5A, T447X5D, T448X5A, T448X5D, T44905A, T44905D, T44995A, T44995D, T450X5A, T450X5D, T451X5A, T451X5D, T452X5A, T452X5D, T453X5A, T453X5D, T454X5A, T454X5D, T45515A, T45515D, T45525A, T45525D, T45605A, T45605D, T45615A, T45615D, T45625A, T45625D, T45695A, T45695D, T457X5A, T457X5D, T458X5A, T458X5D, T4595XA, T4595XD, T460X5A, T460X5D, T461X5A, T461X5D, T462X5A, T462X5D, T463X5A, T463X5D, T464X5A, T464X5D, T465X5A, T465X5D, T466X5A, T466X5D, T467X5A, T467X5D, T468X5A, T468X5D, T46905A, T46905D, T46995A, T46995D, T470X5A, T470X5D, T471X5A, T471X5D, T472X5A, T472X5D, T473X5A, T473X5D, T474X5A, T474X5D, T475X5A, T475X5D, T476X5A, T476X5D, T477X5A, T477X5D, T478X5A, T478X5D, T4795XA, T4795XD, T480X5A, T480X5D, T481X5A, T481X5D, T48205A, T48205D, T48295A, T48295D, T483X5A, T483X5D, T484X5A, T484X5D, T485X5A, T485X5D, T486X5A, T486X5D, T48905A, T48905D, T48995A, T48995D, T490X5A, T490X5D, T491X5A, T491X5D, T492X5A,
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		T492X5D, T493X5A, T493X5D, T494X5A, T494X5D, T495X5A, T495X5D, T496X5A, T496X5D, T497X5A, T497X5D, T498X5A, T498X5D, T4995XA, T4995XD, T500X5A, T500X5D, T501X5A, T501X5D, T502X5A, T502X5D, T503X5A, T503X5D, T504X5A, T504X5D, T505X5A, T505X5D, T506X5A, T506X5D, T507X5A, T507X5D, T508X5A, T508X5D, T50905A, T50905D, T50995A, T50995D, T50A15A, T50A25A, T50A95A, T50B15A, T50B15D, T50B95A, T50B95D, T50Z15A, T50Z15D, T50Z95A, T50Z95D
DXX2175	Complications of anesthesia	T410X5A, T411X5A, T41205A, T41295A, T413X5A, T4145XA, T883XXA, T884XXA, T8852XA, T8853XA, T8859XA, Y653, Y700, Y701, Y702, Y703, Y708
DXX2361	complications of surgical procedures	D7801, D7802, D7811, D7812, D7821, D7822, D7831, D7832, D7833, D7834, E3601, E3602, E3611, E3612, E89810, E89811, E89820, E89821, E89822, E89823, G970, G9731, G9732, G9748, G9749, G9751, G9752, G9761, G9762, G9763, G9764, G9781, G9782, I97410, I97411, I97418, I9742, I9751, I9752, I97610, I97611, I97618, I9762, I97620, I97621, I97622, I97630, I97631, I97638, I97640, I97641, I97648, I9789, J9561, J9562, J9571, J9572, J95830, J95831, J95860, J95861, J95862, J95863, J9589, K910, K912, K9161, K9162, K9171, K9172, K91840, K91841, K91850, K91858, K91870, K91871, K91872, K91873, K9189, L7601, L7602, L7611, L7612, L7621, L7622, L7631, L7632, L7633, L7634, M96810, M96811, M96820, M96821, M96830, M96831, M96840, M96841, M96842, M96843, N9961, N9962, N9971, N9972, N99820, N99821, N99840, N99841, N99842, N99843, R5082, T81718A, T81719A, T8172XA, T8189XA, T819XXA, T888XXA, Y624, Y626, Y628, Y629, Y652, Y6551, Y6552, Y710, Y711, Y712, Y713, Y718, Y720, Y721, Y722, Y723, Y728, Y730, Y731, Y732, Y733, Y738, Y740, Y741, Y742, Y743, Y748, Y750, Y751, Y752, Y753, Y758, Y760, Y761, Y762, Y763, Y768, Y770, Y771,

		Y772, Y773, Y778, Y780, Y781, Y782, Y783, Y788, Y790, Y791, Y792, Y793, Y798, Y800, Y801, Y802, Y803, Y808, Y810, Y811, Y812, Y813, Y818, Y828, Y829, Y848
DXX2362	complications of medical care	D7881, D7889, E368, E8989, I973, J95850, L7681, L7682, M9689, R680, T7841XD, T801XXA, T8181XA, T880XXA, T881XXA, T887XXA, T889XXA, Y633, Y635, Y636, Y638, Y639, Y641, Y648, Y649, Y658, Y66, Y69, Y844, Y846, Y847
DXX2395	Foreign body left during procedure	T81500A, T81501A, T81502A, T81503A, T81504A, T81505A, T81506A, T81507A, T81508A, T81509A, T81510A, T81511A, T81512A, T81513A, T81514A, T81515A, T81516A, T81517A, T81518A, T81519A, T81520A, T81521A, T81522A, T81523A, T81524A, T81525A, T81526A, T81527A, T81528A, T81529A, T81530A, T81531A, T81532A, T81533A, T81534A, T81535A, T81536A, T81537A, T81538A, T81539A, T81590A, T81591A, T81592A, T81593A, T81594A, T81595A, T81596A, T81597A, T81598A, T81599A, T8160XA, T8161XA, T8169XA
DXX9910	HAC 02: Air Embolism	T800XXA
XX0000	Ungrouped Codes	A0471, A0472, L7632, L7634, M96841, M96843, T8853XA, T8853XS

Table 4: ICD-10 Relevant Procedure Codes

Group ID	Group Name	Code Value
PXX03231	Other therapeutic procedures - 231	069Y3ZZ, 069Y4ZZ, 0WQFXZZ, 3E0G33Z, 3E0H33Z, 3E0M33Z, 3E0P33Z
PXX04178	CT scan chest - 178	BW2400Z, BW240ZZ, BW2410Z, BW241ZZ, BW24Y0Z, BW24YZZ, BW24ZZZ
PXX0441	Other non-OR therapeutic procedures on respiratory system - 041	3E0M3SF
PXX0442	Other OR therapeutic procedures on respiratory system - 042	0DQW0ZZ, 0DQW3ZZ, 0DQW4ZZ
PXX05226	Other diagnostic radiology and related techniques - 226	BD14ZZZ
PXX0561	Other OR procedures on vessels other than head and neck - 061	069Y0ZZ, 3E033TZ
PXX06179	CT scan abdomen - 179	B52F00Z, B52F0ZZ, B52F10Z, B52F1ZZ, B52FY0Z, B52FYZZ, B52FZZZ, B52G00Z, B52G0ZZ, B52G10Z, B52G1ZZ, B52GY0Z, B52GYZZ, B52GZZZ, B52H00Z, B52H0ZZ, B52H10Z, B52H1ZZ, B52HY0Z, B52HYZZ, B52HZZZ, BD2400Z, BD240ZZ, BD2410Z, BD241ZZ,

		BD24Y0Z, BD24YZZ, BD24ZZZ, BF2500Z, BF250ZZ, BF2510Z, BF251ZZ, BF25Y0Z, BF25YZZ, BF25ZZZ, BF2600Z, BF260ZZ, BF2610Z, BF261ZZ, BF26Y0Z, BF26YZZ, BF26ZZZ, BF2700Z, BF270ZZ, BF2710Z, BF271ZZ, BF27Y0Z, BF27YZZ, BF27ZZZ, BF2C00Z, BF2C0ZZ, BF2C10Z, BF2C1ZZ, BF2CY0Z, BF2CYZZ, BF2CZZZ, BW2000Z, BW200ZZ, BW2010Z, BW201ZZ, BW20Y0Z, BW20YZZ, BW20ZZZ, BW2G00Z, BW2G0ZZ, BW2G10Z, BW2G1ZZ, BW2GY0Z, BW2GYZZ, BW2GZZZ
PXX06185	Upper gastrointestinal X-ray - 185	BD11YZZ, BD15YZZ, BD15ZZZ
PXX06186	Lower gastrointestinal X-ray - 186	BD14YZZ
PXX06194	Diagnostic ultrasound of gastrointestinal tract - 194	BD41ZZZ, BD42ZZZ, BD47ZZZ, BD48ZZZ, BD49ZZZ, BD4CZZZ, BF40ZZZ, BF42ZZZ, BF43ZZZ, BF45ZZZ, BF46ZZZ, BF47ZZZ, BF4CZZZ
PXX06196	Diagnostic ultrasound of abdomen or retroperitoneum - 196	BW40ZZZ
PXX06223	Enteral and parenteral nutrition - 223	3E0G36Z
PXX06250	Colonoscopy	0DJD8ZZ
PXX06251	Colonoscopy w biopsy, polypectomy	0D9E3ZX, 0DBE3ZX, 0DBE4ZX, 0DBE7ZX, 0DBE8ZX, 0DBH8ZZ, 0DBK8ZZ, 0DBM8ZZ, 0DBN8ZZ
PXX0670	Upper gastrointestinal endoscopy, biopsy - 070	0DB83ZX
PXX0677	Proctoscopy and anorectal biopsy - 077	0D9P3ZX, 0D9P4ZX, 0D9P7ZX, 0D9P8ZX, 0D9Q0ZX, 0D9Q3ZX, 0D9Q4ZX, 0D9Q7ZX, 0D9Q8ZX, 0D9QXZX, 0D9R0ZX, 0D9R3ZX, 0D9R4ZX, 0DBP0ZX, 0DBP3ZX, 0DBP4ZX, 0DBP7ZX, 0DBP8ZX, 0DBQ0ZX, 0DBQ3ZX, 0DBQ4ZX, 0DBQ7ZX, 0DBQ8ZX, 0DBQXZX, 0DBR0ZX, 0DBR3ZX, 0DBR4ZX
PXX0692	Other bowel diagnostic procedures - 092	0D980ZX, 0D990ZX, 0D9A0ZX, 0D9B0ZX, 0D9C0ZX, 0D9E0ZX, 0D9F0ZX, 0D9G0ZX, 0D9H0ZX, 0D9K0ZX, 0D9L0ZX, 0D9M0ZX, 0D9N0ZX, 0D9P0ZX, 0DB80ZX, 0DB90ZX, 0DBA0ZX, 0DBB0ZX, 0DBC0ZX, 0DBE0ZX, 0DBF0ZX, 0DBG0ZX, 0DBH0ZX, 0DBK0ZX, 0DBL0ZX, 0DBM0ZX, 0DBN0ZX, 0DJD3ZZ, 0DJD4ZZ, 0DJD7ZZ
PXX0693	Other non-OR upper GI therapeutic procedures - 093	0D20X0Z, 0D20XUZ, 0D20XYZ, 0DL57DZ, 0DL58DZ, 3E0G76Z, 3E0G7GC, 3E0G86Z, 3E0G8GC, 3E1G78X, 3E1G78Z
PXX0695	Other non-OR lower GI therapeutic procedures - 095	0D2DX0Z, 0D2DXUZ, 0D2DXYZ, 0D5E4ZZ, 0D5E8ZZ, 0D5F4ZZ, 0D5F8ZZ, 0D5G4ZZ, 0D5G8ZZ, 0D5H4ZZ, 0D5H8ZZ, 0D5K4ZZ, 0D5K8ZZ, 0D5L4ZZ, 0D5L8ZZ, 0D5M4ZZ, 0D5M8ZZ, 0D5N4ZZ, 0D5N8ZZ, 0D5P0ZZ, 0D5P3ZZ, 0D5P4ZZ, 0D5P7ZZ, 0D5P8ZZ, 0D5Q4ZZ, 0D5Q8ZZ, 0D5R4ZZ, 0D780DZ, 0D783DZ, 0D784DZ, 0D787DZ, 0D787ZZ, 0D788DZ, 0D788ZZ, 0D790DZ, 0D793DZ, 0D794DZ, 0D797DZ, 0D797ZZ, 0D798DZ, 0D798ZZ, 0D7A0DZ, 0D7A3DZ, 0D7A4DZ, 0D7A7DZ, 0D7A7ZZ, 0D7A8DZ, 0D7A8ZZ, 0D7B0DZ,

		0D7B3DZ, 0D7B4DZ, 0D7B7DZ, 0D7B7ZZ, 0D7B8DZ, 0D7B8ZZ, 0D7C0DZ, 0D7C3DZ, 0D7C4DZ, 0D7C7DZ, 0D7C7ZZ, 0D7C8DZ, 0D7C8ZZ, 0D7E0DZ, 0D7E3DZ, 0D7E4DZ, 0D7E7DZ, 0D7E7ZZ, 0D7E8DZ, 0D7E8ZZ, 0D7F0DZ, 0D7F3DZ, 0D7F4DZ, 0D7F7DZ, 0D7F7ZZ, 0D7F8DZ, 0D7F8ZZ, 0D7G0DZ, 0D7G3DZ, 0D7G4DZ, 0D7G7DZ, 0D7G7ZZ, 0D7G8DZ, 0D7G8ZZ, 0D7H0DZ, 0D7H3DZ, 0D7H4DZ, 0D7H7DZ, 0D7H7ZZ, 0D7H8DZ, 0D7H8ZZ, 0D7K0DZ, 0D7K3DZ, 0D7K4DZ, 0D7K7DZ, 0D7K7ZZ, 0D7K8DZ, 0D7K8ZZ, 0D7L0DZ, 0D7L3DZ, 0D7L4DZ, 0D7L7DZ, 0D7L7ZZ, 0D7L8DZ, 0D7L8ZZ, 0D7M0DZ, 0D7M3DZ, 0D7M4DZ, 0D7M7DZ, 0D7M7ZZ, 0D7M8DZ, 0D7M8ZZ, 0D7N0DZ, 0D7N3DZ, 0D7N4DZ, 0D7N7DZ, 0D7N7ZZ, 0D7N8DZ, 0D7N8ZZ, 0D7P7DZ, 0D7P7ZZ, 0D7P8DZ, 0D7P8ZZ, 0D7Q7DZ, 0D7Q8DZ, 0D9P70Z, 0D9P80Z, 0DBP8ZZ, 0DH80DZ, 0DH83DZ, 0DH84DZ, 0DH87DZ, 0DH88DZ, 0DH90DZ, 0DH93DZ, 0DH94DZ, 0DH97DZ, 0DH98DZ, 0DHA0DZ, 0DHA3DZ, 0DHA4DZ, 0DHA7DZ, 0DHA8DZ, 0DHB0DZ, 0DHB3DZ, 0DHB4DZ, 0DHB7DZ, 0DHB8DZ, 0DHE0DZ, 0DHE3DZ, 0DHE4DZ, 0DHE7DZ, 0DHE8DZ, 0DHP0DZ, 0DHP3DZ, 0DHP4DZ, 0DHP7DZ, 0DHP8DZ, 0DP0X0Z, 0DP0XUZ, 0DPDX0Z, 0DPDXUZ, 0DS97ZZ, 0DS98ZZ, 0DSA7ZZ, 0DSA8ZZ, 0DSB7ZZ, 0DSB8ZZ, 0DSK7ZZ, 0DSK8ZZ, 0DSL7ZZ, 0DSL8ZZ, 0DSM7ZZ, 0DSM8ZZ, 0DSN7ZZ, 0DSN8ZZ, 0DSPXZZ, 0HB9XZZ, 2Y43X5Z, 3E0G37Z, 3E0G73Z, 3E0G77Z, 3E0G83Z, 3E0G87Z, 3E0H36Z, 3E0H37Z, 3E0H73Z, 3E0H76Z, 3E0H77Z, 3E0H7GC, 3E0H83Z, 3E0H86Z, 3E0H87Z, 3E0H8GC, 3E1H78Z, 8E0VX1D
PXX0696	Other OR lower GI therapeutic procedures - 096	0D9870Z, 0D9880Z, 0D9E70Z, 0D9E80Z, 0DNP7ZZ, 0DNP8ZZ
PXX0697	Other gastrointestinal diagnostic procedures - 097	0D9S0ZX, 0D9S3ZX, 0D9S4ZX, 0D9T0ZX, 0D9T3ZX, 0D9T4ZX, 0D9V0ZX, 0D9V3ZX, 0D9V4ZX, 0D9W0ZX, 0D9W3ZX, 0D9W4ZX, 0DBS0ZX, 0DBS3ZX, 0DBS4ZX, 0DBT0ZX, 0DBT3ZX, 0DBT4ZX, 0DBV0ZX, 0DBV3ZX, 0DBV4ZX, 0DBW0ZX, 0DBW3ZX, 0DBW4ZX, 0DJU3ZZ, 0DJV3ZZ, 0DJW3ZZ, 0W9G0ZX, 0W9G3ZX, 0W9G4ZX, 0W9H0ZX, 0W9H3ZX, 0W9H4ZX, 0W9J0ZX, 0W9J3ZX, 0W9J4ZX, 0WBH0ZX, 0WBH3ZX, 0WBH4ZX, 0WJF3ZZ, 0WJG3ZZ, 0WJH3ZZ, 0WJH4ZZ, 0WJJ3ZZ, 0WJP3ZZ, 0WJP7ZZ, 0WJP8ZZ, 0WJR3ZZ, 0WJR7ZZ, 0WJR8ZZ, 0Y950ZX, 0Y953ZX, 0Y954ZX, 0Y960ZX, 0Y963ZX, 0Y964ZX, 0YB50ZX, 0YB53ZX, 0YB54ZX, 0YB60ZX, 0YB63ZX, 0YB64ZX, 0YB70ZX, 0YB73ZX, 0YB74ZX, 0YB80ZX, 0YB83ZX, 0YB84ZX, 0YJ53ZZ, 0YJ54ZZ, 0YJ63ZZ, 0YJ64ZZ, 0YJ73ZZ, 0YJ74ZZ, 0YJ83ZZ, 0YJ84ZZ, 0YJA3ZZ, 0YJA4ZZ, 0YJE3ZZ, 0YJE4ZZ, 3E1M38X, 3E1M38Z

PXX0698	Other non-OR gastrointestinal therapeutic procedures - 098	07PPX0Z, 07PPX3Z, 0D9970Z, 0D9980Z, 0D9A70Z, 0D9A80Z, 0D9B70Z, 0D9B80Z, 0D9F70Z, 0D9F80Z, 0D9G70Z, 0D9G80Z, 0D9H70Z, 0D9H80Z, 0D9K70Z, 0D9K80Z, 0D9L70Z, 0D9L80Z, 0D9M70Z, 0D9M80Z, 0D9N70Z, 0D9N80Z, 0DN87ZZ, 0DN88ZZ, 0DN97ZZ, 0DN98ZZ, 0DNA7ZZ, 0DNA8ZZ, 0DNB7ZZ, 0DNB8ZZ, 0DNE7ZZ, 0DNE8ZZ, 0DNF7ZZ, 0DNF8ZZ, 0DNG7ZZ, 0DNG8ZZ, 0DNH7ZZ, 0DNH8ZZ, 0DNK7ZZ, 0DNK8ZZ, 0DNL7ZZ, 0DNL8ZZ, 0DNM7ZZ, 0DNM8ZZ, 0DNN7ZZ, 0DNN8ZZ, 0DP0X2Z, 0DP0X3Z, 0DP0XDZ, 0DP571Z, 0DP581Z, 0DP5X1Z, 0DP5X2Z, 0DP5X3Z, 0DP5XUZ, 0DP6X2Z, 0DP6X3Z, 0DP6XDZ, 0DPDX2Z, 0DPDX3Z, 0DPDXDZ, 0DPP71Z, 0DPP81Z, 0DPPX1Z, 0DQV0ZZ, 0DQV3ZZ, 0DQV4ZZ, 0DS9XZZ, 0DSAXZZ, 0DSBXZZ, 0DSHXZZ, 0DSKXZZ, 0DSLXZZ, 0DSMXZZ, 0DSNXZZ, 0DWU00Z, 0DWU30Z, 0DWU40Z, 0DWV00Z, 0DWV30Z, 0DWV40Z, 0DWW00Z, 0DWW30Z, 0DWW40Z, 0FP0X2Z, 0FP0X3Z, 0FP4X2Z, 0FP4X3Z, 0FP4XDZ, 0FPBX1Z, 0FPBX2Z, 0FPBX3Z, 0FPDX1Z, 0FPDX2Z, 0FPDX3Z, 0FPDXDZ, 0FPGX2Z, 0FPGX3Z, 0W1G0J9, 0W1G0JB, 0W1G0JG, 0W1G0JJ, 0W1G4J9, 0W1G4JB, 0W1G4JG, 0W1G4JJ, 0W1J0J4, 0W1J0JY, 0W1J3J4, 0W1J4J4, 0W1J4JY, 0WCP7ZZ, 0WCP8ZZ, 0WFJ0ZZ, 0WFJ3ZZ, 0WFJ4ZZ, 0WFP0ZZ, 0WFP3ZZ, 0WFP4ZZ, 0WFP7ZZ, 0WFP8ZZ, 0WHP0YZ, 0WHP33Z, 0WHP3YZ, 0WHP43Z, 0WHP4YZ, 0WHP73Z, 0WHP7YZ, 0WHP83Z, 0WHP8YZ, 0WPFX0Z, 0WPFX1Z, 0WPFX3Z, 0WPFX7Z, 0WPFXJZ, 0WPFXKZ, 0WPFXYZ, 0WPGX0Z, 0WPGX1Z, 0WPGX3Z, 0WPJ00Z, 0WPJ01Z, 0WPJ03Z, 0WPJ0JZ, 0WPJ0YZ, 0WPJ30Z, 0WPJ31Z, 0WPJ33Z, 0WPJ3JZ, 0WPJ3YZ, 0WPJ40Z, 0WPJ41Z, 0WPJ43Z, 0WPJ4JZ, 0WPJ4YZ, 0WPP31Z, 0WPP33Z, 0WPP3YZ, 0WPP41Z, 0WPP43Z, 0WPP4YZ, 0WPP71Z, 0WPP73Z, 0WPP7YZ, 0WPP81Z, 0WPP83Z, 0WPP8YZ, 0WPPX1Z, 0WPPX3Z, 0WPPXYZ, 0WWP31Z, 0WWP33Z, 0WWP3YZ, 0WWP41Z, 0WWP43Z, 0WWP4YZ, 0WWP71Z, 0WWP73Z, 0WWP7YZ, 0WWP81Z, 0WWP83Z, 0WWP8YZ, 2W53X0Z, 2W53X4Z, 2W53X5Z, 2W53X6Z, 2W53X7Z, 2W53XYZ, 2Y53X5Z, 3E0M36Z, 3E0M37Z, 3E0M3BZ, 3E0M3GC, 3E0M3HZ, 3E0M3KZ, 3E0M3TZ, 3E0M7SF, 3E0P36Z, 3E0P37Z, 3E0P3BZ, 3E0P3HZ, 3E0P3KZ, 3E0P3TZ, 3E0P7BZ, 3E0P7HZ, 3E0P7KZ, 3E0P7TZ, 3E0P8BZ, 3E0P8HZ, 3E0P8KZ, 3E0P8TZ, 3E1H78X, 3E1J78X, 3E1J78Z, 3E1J88X, 3E1J88Z
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Table 5: Relevant Procedure Codes CPT/HCPCS

Group ID	Group Name	Code Value
CT0001	Sigmoidoscopy w biopsy, polypectomy	45331, 45333, 45338
CT0002	Colonoscopy thru stoma w biopsy, polypectomy	44389, 44392, 44394
CT0003	Colonoscopy w biopsy, polypectomy	45380, 45384, 45385
CT00100	Sigmoidoscopy	45330
CT0025	Preventive Medicine, Care Coordination	98960, 98961, 98962, 98966, 98967, 98968, 99078, 99361, 99362, 99366, 99367, 99368, 99371, 99372, 99373, 99382, 99383, 99384, 99385, 99386, 99387, 99392, 99393, 99394, 99395, 99396, 99397, 99401, 99402, 99403, 99404, 99411, 99412, 99429, 99441, 99442, 99443, 99446, 99447, 99448, 99449, 99499, G0175, G0406, G0407, G0408, G0425, G0426, G0427, G8686, G8688, G8690, G8692, H0034, H0039, H0040, S0220, S0221, S0315, S0316, S0317, S0320
CT0026	Anesthesia and pain meds	J0400, J0780, J1630, J1631, J1960, J2270, J2310, J2358, J2426, J2680, J2794, J3010, J3070, J3230, J3486, S0012, S0092, S0093, S0136, S0166
CT0027	Colonoscopy - therapeutic	45382, 45383, 45386, 45387, 45391, 45392
CT0070	Upper GI endoscopy	91112
CT0080	Imaging Abdomen	74000, 74010, 74020, 74022, 74150, 74160, 74170, 74175, 74181, 74182, 74183, 74185, 74261, 74262, 74263, 74270, 74280, 76700, 76705, 76975, 76999, C8900, C8901, C8902
CT0082	Pain meds	96372, H0033, J0592, J1230, J2315
CT0083	Blood Type, Coomb's test	86077, 86880, 86900, 86901
CT0086	Flexible Sigmoidoscopy /Colonoscopy	45388, 45389, 45390, 45393, 45398, G6019, G6020, G6022, G6023, G6024, G6025, G9252, G9253
CT0088	Hepatitis B vaccine	90744, G0010
CT0089	Metabolic Renal Hepatic Chemistry Panel	80047, 80048, 80050, 80051, 80053, 80069, 80074, 80076, 82040, 82247, 82248, 82310, 82330, 82374, 82435, 82565, 82575, 82947, 84132, 84155, 84295, 84450, 84460, 84520, 84550
CT0090	Physical Therapy / Rehab	97001, 97002, 97003, 97004, 97005, 97006, 97033, 97034, 97035, 97036, 97039, 97139, 97150, 97545, 97546, 97750, 97755, S9129, S9131
CT0091	Physician Services - Outpatient	99050, 99051, 99053, 99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245, 99354, 99355, 99381, 99391, T1015
CT0092	Physician Services - Inpatient	99221, 99222, 99223, 99238, 99239, 99252, 99253, 99254, 99255
CT0093	Routine Immunizations	90471
CT0094	Screen for amino acid disorders	84030
CT0097	Vitamin K administration	J3430

CT0098	Colonoscopy/Sigmoidoscopy ColorectalCa Screen	81528, 82270, G0104, G0105, G0106, G0120, G0121, G0122, G0328, G0464, S3890
CT0099	Colonoscopy	45378, 45381
CT0131	Procedure - anesthesia	01991, 01992
CT0136	Rx - central nervous system - antidepressants	J1320, S0106
CT0137	Rx - central nervous system - tranq/antipsychotics	J1790, J2950, J3310, J3400
CT0138	Rx - central nervous system - amphetamines	S0160
CT0139	Rx - central nervous system - non- amphetamine stimulants	J0706
CT01394	Medications (Injections, infusions and other forms)	C9270, C9272, C9275, C9276, C9277, C9279, C9281, C9282, C9283, C9285, J0171, J0558, J0561, J0597, J0638, J0775, J1290, J1559, J1599, J1680, J1786, J1826, J2793, J3095, J3357, J3385, J7121, J7184, J7309, J7312, J7335, J7686, J8562, Q2026, Q2027, Q2040, Q2041, Q2042, Q2044, S0148, S0169
CT01395	DME and supplies	A4337, A4466, A9273, C9362, C9365, C9367, C9406, C9800, E0433, E0446, E1036, E2622, E2623, E2624, E2625, K0740, K0741, K0742, K0743, K0744, K0745, K0746, Q4117, Q4118, Q4119, Q4120, Q4121, T1505
CT0140	Rx - central nervous system - barbiturates	J0300, J2515, J2560
CT0141	Rx - central nervous system - benzodiazepines	J1990, J2060, J2250, J3360
CT0142	Rx - central nervous system - anxiolytic/sedative/hypnot nec	J3410
CT02387	Pathology	81276, 81311, 81525, 81540
CT0351	Therapy - habilitation	T2012
CT0378	Tests - ent - swallowing evaluation	92611
CT0380	Tests - ent - other dx	92504
CT0424	Rx - respiratory - beta agonists	J7606
CT0425	Rx - respiratory - phenylephrine	J2370
CT0426	Rx - respiratory - mucolytics/cold comb	J0132
CT0427	Rx - respiratory - methylxanthines	J0280, J1180, J2810
CT04280	Lung Function Tests	94010
CT04281	Blood Gases, Pulse Oximetry	82800, 82803, 82805, 82810, 94760, 94761, 94762
CT0429	Other care - respiratory therapy	S5180, S5181
CT0434	Other care - respiratory - oxygen / oxygen concentrator	E0424, E0425, E0430, E0431, E0434, E0435, E0439, E0440, E0441, E0442, E0443, E0444, E1390, E1391, E1392, K0738
CT0438	Other care - respiratory - equipment / supplies - nebulizer	E0555, E1405, E1406
CT0439	Other care - respiratory - equipment / supplies - peak flow meter	S8096
CT0440	Other care - respiratory - equipment / supplies - spirometer	A9284

CT0441	Other care - respiratory - equipment / supplies - apnea monitor	A4556, A4557
CT0442	Other care - respiratory - equipment / supplies	E0445, E0455, E0457, E0459, E0487, E0605, E0606, E1353, E1354, E1355, E1356, E1357, E1358, E1399, K0195
CT0444	Other care - prevention - smoking cessation	S9453
CT0453	Tests - pulmonary - peak flow	S8110
CT0463	Tests - pulmonary - other	94770
CT05171	Procedure - central venous catheter - insertion	S5522, S5523
CT05172	Procedure - central venous catheter - fluoroscopy - guidance	77001
CT05184	Procedure - vascular access - port / pump - insertion	C1772, C2626, E0782, E0783, E0786
CT05194	Rx - cardiovascular system - cardiac glycosides	J1160
CT05196	Rx - cardiovascular system - beta blockers	J1800
CT05198	Rx - cardiovascular system - vasodilating agents, nec	S9347
CT05199	Rx - cardiovascular system - vasodilating rx	J1325, J2440, J2670, J3285, K0455, S0155
CT05201	Rx - cardiovascular system - natriuretic peptides	J2325
CT05202	Rx - diuretics, loop diuretics	J1940, J3265, S0171, S9361
CT05203	Rx - diuretics, osmotic	J2150, J3350
CT05204	Rx - diuretics, thiazides / related	J1205
CT05205	Rx - diuretics - diuretic, carb anhydrase inhib	J1120
CT05217	Imaging - nuclear - venous thrombosis - scan	78456, 78457, 78458
CT05218	Imaging - nuclear - venous thrombosis - radiopharmaceutical	A9504
CT05233	Tests - cardiac - ecg - ecg - 12 lead	R0076
CT05256	Tests - cardiac - radiopharmaceuticals	A9500, A9501, A9502, A9505, A9526, A9555
CT05307	Electrocardiogram - EKG monitoring	93005, 93010
CT0608	Procedure - ugi endoscopy - small bowel endoscopy	44360, 44361, 44363, 44364, 44365, 44369, 44370, 44372, 44376, 44377, 44378, 44379, 44380, 44382
CT0609	Procedure - ugi endoscopy - other	44383, 44385, 44386
CT06104	Imaging - nuclear - shilling test	78270, 78271, 78272
CT06105	Imaging - nuclear - shilling test - radiopharmaceutical	A9546, A9559
CT06106	Imaging - nuclear - gi blood loss	78278
CT06107	Imaging - nuclear - other gi	78261, 78264, 78267, 78268, 78282, 78290, 78291, 78299
CT06108	Imaging - pet - colorectal cancer - recurrence / metastasis	G0163

CT06109	Imaging - x-ray - abdomen	74190
CT06110	Imaging - x-ray - upper gi - esophagus - contrast	74220, 74230
CT06112	Imaging - x-ray - upper gi - small bowel - contrast	74250, 74251, 74355
CT06113	Imaging - x-ray - upper gi - duodenogram	74260
CT06114	Imaging - x-ray - upper gi - other	74340
CT06115	Imaging - x-ray - lower gi - large bowel - contrast	74283
CT06118	Tests - gi - esophageal balloon distension test	91040
CT06119	Tests - gi - gastric motility study	91020
CT0612	Procedure - esophageal / gastric intubation	91000, 91105
CT06120	Tests - gi - duodeneal motility study	91022
CT06121	Tests - gi - other dx	91052, 91055, 91065, 91110, 91111, 91120, 91122, 91132, 91133, 91299
CT06122	Lab - gi - fat absorption	S3708
CT06304	Esophageal Motility and Diagnostic Workup	74240, 74241, 74245, 74246, 74247, 74249, 78258, 78262, 91034, 91035, 91037, 91038
CT06312	Colonoscopy through Stoma	44388, 44390, 44391, 44393, 44397, 44401, 44402, 44403, 44404, 44405, 44406, 44407, 44408, 45355
CT0657	Procedure - other lower gi procedures - other bowel dx	44020, 44100
CT0658	Procedure - other lower gi procedures - other or rx	44500
CT0659	Procedure - other lower gi procedures - other non - or rx	45520, 91100
CT0664	Procedure - hemorrhoidectomy	46250, 46255, 46257, 46258, 46260, 46261, 46262
CT0665	Procedure - hemorrhoid destruction / ligation	46221, 46930, 46934, 46935, 46936, 46945, 46946
CT0666	Procedure - other hemorrhoid procedures	46083, 46230, 46320, 46500, 46947
CT0667	Procedure - other anal / rectal procedures - other procedures - rectum / anus	45190, 45905, 45910, 45915, 45999, 46020, 46030, 46070, 46220, 46900, 46910, 46916, 46917, 46922, 46924, 46937, 46938, 46940, 46942, 46999, 91123
CT0672	Procedure - proctosigmoidoscopy - dx	45300, 45305
CT0673	Procedure - proctosigmoidoscopy - rx	45303, 45308, 45309, 45315, 45317, 45320, 45321, 45327
CT0674	Procedure - proctoscopy - screening	S0601
CT0675	Procedure - anoscopy	46600, 46604, 46606, 46610, 46611, 46612, 46614, 46615
CT0676	Procedure - proctoscopy / anoscopy - other	45100
CT0688	Procedure - other gi dx	45990, 49180, 49400, 49424, 49427
CT0690	Procedure - anesthesia	00700, 00730, 00740, 00800, 00810, 00820, 00840, 00902

CT0692	Therapy - neurostimulator - nausea / vomiting	E0765
CT0693	Rx - gi - antichol/antispasmodics	J0500, J1980
CT0694	Rx - gi - antiemetics	J1240, J1626, J2405, J2469, J2550, J2765, J3250, J3280, J8501, S0091, S0174, S0181, S0183, S9351, S9370
CT0695	Rx - gi - h2 antagonists	J2780, S0023, S0028
CT0696	Rx - gi drug misc,nec	S0191
CT0697	Rx - gi - ppis	C9113, S0164
CT0698	Rx - diagnostic rx - gastric function	J2805, J2850
CT0728	Procedure - other procedures - pancreas	48400
CT08106	Imaging - x-ray - other - joint survey	R0070
CT08113	DME - heat/cold application	E0200, E0205, E0210, E0215, E0217, E0218, E0221, E0225, E0231, E0232, E0235, E0236, E0239
CT08116	DME - rehabilitation	E2000
CT0849	Procedure - anesthesia	1905
CT0857	Rx - muscle relaxants - muscle relax, skeletal central	J0475, J0476, J2800, S9363
CT0858	Rx - muscle relaxants - muscle relax, skeletal, misc	J2360
CT0859	Rx - muscle relaxants - muscle relax, neuromusc block	J0330
CT0959	Procedure - other non - or rx - other non - or skin procedures	96999, 97602, S0630
CT0963	Rx - skin / mucous membrane - antiinflam s/mm agnts / comb nec	J7311
CT0964	Rx - skin / mucous membrane - s/mm miscellaneous	J7308, S0157
CT0969	Other care - chronic edema - surgical stockings	A4490, A4495, A4500, A4510
CT0972	Other care - chronic edema - appliance - segmental	E0656, E0657
CT1011	Rx - antidiabetic rx - insulins	J1815
CT1012	Rx - antidiabetic rx, misc	J1610
CT1013	Rx - endocrine - other - parathyroid hormones	J0630
CT1017	Rx - vitamins - vitamin b / b complex	J3411, J3415, J3420
CT1019	Rx - vitamins - vitamin d	J0636, J1270, J2501
CT1021	Rx - vitamins - multivit prep	A9152, A9153, S0194
CT1023	Rx - diagnostic rx, misc	J7674
CT1025	Other care - diabetes care - glucose monitoring - other supplies	A4250, A4256, A4257
CT1026	Other care - diabetes care - glucose monitoring - lancet	A4258, A4259, E0620
CT1027	Other care - diabetes care - glucose monitoring	A9279, A9280

CT10295	Thyroid Function Tests	84432, 84436, 84437, 84439, 84442, 84443, 84445, 84479, 84480, 84481, 84482
CT10296	Low dose steroids	J0702, J1020, J1094, J1100, J1700, J1710, J1720, J2650, J3300, J3301, J3302, J3303, J7506, J7509, J7510, J8540, S9490
CT10297	High dose steroids	J1030, J1040, J2920, J2930, Q0138
CT1030	Other care - diabetes care - insulin pump	E0784
CT1036	Other care - nutrition - assessment	97802, 97803, G0270, G0271
CT1037	Other care - nutrition - enteral - administration	S9340, S9341, S9342, S9343
CT1038	Other care - nutrition - enteral	B4034, B4035, B4036, B4081, B4100, B4104, B9998
CT1039	Other care - nutrition - enteral - tubing	B4082, B4083, B4087, B4088
CT1040	Other care - nutrition - enteral - formula	B4102, B4103, B4149, B4150, B4152, B4153, B4154, B4155, B4157, B4158, B4159, B4160, B4161, B4162, B9000
CT1041	Other care - nutrition - enteral - pump	B9002
CT1042	Other care - nutrition - parenteral - nutrition solution	B4164, B4168, B4172, B4176, B4178, B4180, B4185, B4189, B4193, B4197, B4199, B5000, B5100, B5200
CT1043	Other care - nutrition - parenteral	B4216, B4220, B4222, B4224, B9999
CT1044	Other care - nutrition - parenteral - pump	B9004, B9006, E0791
CT1045	Other care - nutrition - parenteral - all - inclusive	S9364, S9365, S9366, S9367, S9368
CT1046	Other care - nutrition - education	S9452
CT1047	Other care - nutrition - medical food	S9433, S9434, S9435
CT1048	Other care - nutrition - counseling - dietician	S9470
CT1049	Other care - other - weight management	S9449
CT1061	Lab - endocrine response test	80400, 80402, 80406, 80408, 80410, 80412, 80414, 80415, 80416, 80417, 80418, 80420, 80422, 80424, 80426, 80428, 80430, 80432, 80434, 80435, 80436, 80438, 80439, 80440
CT1062	Lab - endocrine	S3650, S3652
CT1137	Procedure - anesthesia	860
CT1146	Therapy - dialysis - supplies	A4932
CT1148	Rx - gu - other - bladder rx	J0520
CT1166	Lab - urinalysis	81007, 81015, 81020, 81050, 81099
CT1167	Lab - specimen collection - urine	P9612, P9615
CT1222	Imaging - us - transrectal	76872
CT1616	Therapy - transfusion - blood	P9010, P9011, P9016, P9021, P9022, P9038, P9039, P9040, P9051, P9054, P9056, P9057, P9058, S9538
CT1617	Therapy - transfusion - plasma	P9017, P9023, P9043, P9044, P9048, P9059, P9060
CT1618	Therapy - transfusion - granulocytes	P9050
CT1619	Therapy - transfusion - platelets	P9019, P9020, P9031, P9032, P9033, P9034, P9035, P9036, P9037, P9052, P9053, P9055

CT1620	Therapy - phlebotomy	99195
CT1622	Rx - immune system - interferons	J1830, Q3025, Q3026, S0145, S9559
CT1626	Rx - blood derivatives	P9041, P9045, P9046, P9047
CT1627	Rx - hematopoietic system - other	J1640
CT1628	Rx - hematopoietic system - iron / related	J1750, J1756, J2916
CT16296	Lipid Level Monitoring	80061, 82465, 83695, 83698, 83700, 83701, 83704, 83718, 83719, 83721, 84478
CT16297	Blood Count	82728, 83540, 83550, 85004, 85007, 85008, 85009, 85013, 85014, 85018, 85025, 85027, 85032, 85041, 85044, 85045, 85046, 85048, 85049, 85060, G0306, G0307
CT16299	Bleeding Status	85002, 85345, 85347, 85348, 85610, 85611, 85670, 85675, 85705, 85730, 85732, 99363, 99364, S9401
CT1630	Rx - coagulation system - anticoagulants	C9121, J0583, J1644, J1645, J1650, J1652, J1655, J1945, J7197, S9336, S9372
CT1631	Rx - coagulation system - antiheparin agnt	J2720
CT16316	Blood transfusion	P9070, P9071, P9072
CT1632	Rx - coagulation system - hemostatics	J0365, J7185, J7186, J7189, J7190, J7191, J7192, J7193, J7194, J7195, J7196, J7198, J7199, P9012, S0017
CT1633	Rx - coagulation system - thrombolytic rx	J0350, J2993, J2995, J2997, J3101, J3364, J3365
CT1634	Rx - coagulation system - antiplatelet rx	J0130, J1245, J1327, J3246
CT1635	Rx - serums, toxoids, vaccines - serums	90281, 90283, 90291, 90296, 90371, 90375, 90376, 90384, 90385, 90386, 90389, 90396, 90399, J0850, J1162, J1459, J1460, J1560, J1561, J1562, J1566, J1568, J1569, J1571, J1572, J1573, J1670, J2788, J2790, J2791, J2792, J7504
CT1636	Rx - serums, toxoids, vaccines - toxins	J0585, J0586, J0587
CT1638	Rx - administration - injection	90772, 90773, 90774, 90775, 96373, 96374, 96375, 96376, 99506
CT1639	Rx - administration - infusion	90765, 90766, 90767, 90768, 90779, 96361, 96365, 96366, 96367, 96368, 96369, 96370, 96371, 96379, 99601, 99602, A4220, A4221, A4222, A4223, A4305, A4306, C8957, E0776, E0779, E0780, E0781, K0552, K0601, K0602, K0603, K0604, K0605, S1015, S1016, S5035, S5036, S5497, S5498, S5501, S5502, S5517, S5518, S5520, S5521, S9379, S9542, S9810
CT1640	Imaging - nuclear - red cell survival	78130, 78135
CT1642	Imaging - nuclear - platelet kinetics	78190, 78191
CT1643	Imaging - nuclear - other blood / related	78140, 78199
CT1645	Lab - blood gases	82820
CT1646	Lab - hematology - coagulation	85170, 85175, 85210, 85220, 85230, 85240, 85244, 85245, 85246, 85247, 85250, 85260, 85270, 85280, 85290, 85291, 85292, 85293, 85300, 85301, 85302, 85303, 85305, 85306, 85307, 85335, 85337, 85360, 85362, 85366, 85370, 85378, 85379, 85380, 85384,

		85385, 85390, 85396, 85397, 85400, 85410, 85415, 85420, 85421, 85612, 85613, 85635
CT1647	Lab - hematology - blood count	85055
CT1648	Lab - hematology - blood count - eosinophil count	S3630
CT1649	Lab - other hematology	85130, 85441, 85445, 85460, 85461, 85475, 85520, 85525, 85530, 85536, 85540, 85547, 85549, 85555, 85557, 85576, 85597, 85660, 85810, 85999, 88738, 88740, 88741
CT1651	Lab - immunology	86000, 86001, 86003, 86005, 86021, 86022, 86023, 86038, 86039, 86060, 86063, 86078, 86079, 86146, 86147, 86148, 86155, 86156, 86157, 86160, 86161, 86162, 86171, 86185, 86200, 86215, 86225, 86226, 86235, 86243, 86255, 86256, 86277, 86280, 86294, 86300, 86301, 86304, 86305, 86308, 86309, 86310, 86316, 86320, 86325, 86327, 86329, 86331, 86332, 86334, 86335, 86336, 86337, 86340, 86341, 86343, 86344, 86352, 86353, 86355, 86356, 86357, 86359, 86360, 86361, 86367, 86376, 86378, 86382, 86384, 86403, 86406, 86430, 86431, 86480, 86485, 86486, 86490, 86510, 86580, 86586, 86590, 86592, 86593
CT1652	Lab - transfusion medicine	86850, 86860, 86870, 86885, 86886, 86890, 86891, 86903, 86904, 86905, 86906, 86910, 86911, 86920, 86921, 86922, 86923, 86927, 86930, 86931, 86932, 86940, 86941, 86945, 86950, 86960, 86965, 86970, 86971, 86972, 86975, 86976, 86977, 86978, 86985, 86999
CT1794	Imaging - pet - tumor imaging	78812, 78813, 78815, 78816
CT1795	Imaging - pet - lymphoma - staging	G0164
CT1797	Lab - tumor marker	S3711
CT1805	Rx - antibiotics / antivirals / antifungals - infusion	S9345, S9494, S9497, S9500, S9501, S9502, S9503, S9504
CT1807	Rx - antibiotics - cephalosporins	J0690, J0692, J0694, J0696, J0697, J0698, J0710, J0713, J0715, J1890
CT1808	Rx - b-lactam antibiotics	J0743, J1335, J2185, S0073
CT1809	Rx - antibiotics - chloramphenicol / comb	J0720
CT1810	Rx - antibiotics - macrolides	J0456, J1364, Q0144
CT1811	Rx - antibiotics - penicillins	J0290, J0295, J2510, J2540, J2543, J2700, S0032, S0040, S0081
CT1812	Rx - antibiotics - tetracyclines	J0120, J2460
CT1813	Rx - antibiotics, misc	J0770, J2010, J2020, J2770, J3320, J3370, S0021, S0074, S0077, S0142
CT1814	Rx - antibiotics - quinolones	J0744, J1590, J1956, J2280, S0034
CT1815	Rx - antibiotics - sulfonamides / comb	S0039
CT1816	Rx - antibiotics - anti-infectives, misc	J3305, S0030, S0080
CT1818	Rx - antifungals	J0285, J0287, J0288, J0289, J0637, J1450, J1835
CT1820	Other care - other - infection control	S8301

CT1821	Lab - infectious agent antigen	87260, 87265, 87267, 87269, 87271, 87272, 87273, 87274, 87275, 87276, 87277, 87278, 87279, 87280, 87281, 87283, 87285, 87290, 87299, 87300, 87301, 87305, 87324, 87327, 87328, 87329, 87332, 87335, 87336, 87337, 87338, 87339, 87340, 87341, 87350, 87380, 87385, 87390, 87391, 87400, 87420, 87425, 87427, 87430, 87449, 87450, 87451
CT1822	Lab - infectious agent antibody	86317, 86318, 86602, 86603, 86606, 86609, 86611, 86612, 86615, 86617, 86618, 86619, 86622, 86625, 86628, 86635, 86638, 86641, 86644, 86645, 86648, 86651, 86652, 86653, 86654, 86658, 86663, 86664, 86665, 86666, 86668, 86671, 86674, 86677, 86682, 86684, 86687, 86688, 86689, 86692, 86694, 86695, 86696, 86698, 86701, 86702, 86703, 86704, 86705, 86706, 86707, 86708, 86709, 86710, 86713, 86717, 86720, 86723, 86727, 86729, 86732, 86735, 86738, 86741, 86744, 86747, 86750, 86753, 86756, 86757, 86759, 86762, 86765, 86768, 86771, 86774, 86777, 86778, 86780, 86781, 86784, 86787, 86788, 86789, 86790, 86793, 86800, 86803, 86804, S3645
CT1823	Lab - infectious agent dna	87470, 87471, 87472, 87475, 87476, 87477, 87480, 87481, 87482, 87493, 87495, 87496, 87497, 87498, 87500, 87510, 87511, 87512, 87515, 87516, 87517, 87520, 87521, 87522, 87525, 87526, 87527, 87528, 87529, 87530, 87531, 87532, 87533, 87534, 87535, 87536, 87537, 87538, 87539, 87540, 87541, 87542, 87550, 87551, 87552, 87555, 87556, 87557, 87560, 87561, 87562, 87580, 87581, 87582, 87590, 87591, 87592, 87620, 87621, 87622, 87640, 87641, 87650, 87651, 87652, 87653, 87660, 87797, 87798, 87799, 87800, 87801, 87802, 87803, 87804, 87807, 87808, 87809, 87850, 87880, 87899, 87900, 87901, 87902, 87903, 87904
CT1824	Lab - microbiology - other	87015, 87164, 87166, 87168, 87169, 87172, 87176, 87177, 87230, 87905, 87999
CT1825	Lab - microbiology - c & s	87040, 87045, 87046, 87070, 87071, 87073, 87075, 87076, 87077, 87081, 87084, 87086, 87088, 87101, 87102, 87103, 87106, 87107, 87109, 87116, 87118, 87140, 87143, 87147, 87149, 87150, 87152, 87153, 87158, 87181, 87184, 87185, 87186, 87187, 87188, 87190, 87197
CT1826	Lab - microbiology - microscopic exam	87205, 87206, 87207, 87209, 87210, 87220
CT1827	Lab - microbiology - viral culture	87250, 87252, 87253, 87254, 87255
CT1828	Lab - microbiology	P7001
CT1829	Lab - microscopic - pinworm	Q0113
CT18302	CHLAMYDIA SCREENING	86631, 86632, 87110, 87270, 87320, 87485, 87486, 87487, 87490, 87491, 87492, 87810
CT1901	Therapy - behavior - evaluation and therapy	96150, 96151, 96152, 96153, 96154, 96155
CT1905	Therapy - behavior - partial hospitalization	S0201

CT1907	Tests - neuro - sleep studies	95803
CT19303	Psychiatry Evaluations	T1023
CT19304	Psychiatry Services	97535, H0031, H2010, H2015, H2016, H2021, H2022, S3005, S9454, S9482, T2034
CT19378	Laboratory - Chemistry and Hematology	83987, G0435
CT19381	Smoking / Tobacco Cessation	99406, 99407
CT19384	Peer Services	H0038
CT2006	Alcohol / Drug Use Management	H0045
CT2009	Alcohol / Drug Use Screening	80100, 80101, 80102, 80103, 82009, 82010, 99408, 99409, G0431, G0432, G0433
CT20376	Other Laboratory	G9143, S3713, S3865, S3866, S3870
CT2101	Lab - therapeutic drug assay	80150, 80152, 80154, 80156, 80157, 80158, 80160, 80162, 80164, 80166, 80168, 80170, 80172, 80173, 80174, 80176, 80178, 80182, 80184, 80185, 80186, 80188, 80190, 80192, 80194, 80195, 80196, 80197, 80198, 80200, 80201, 80202, 80299
CT2301	Therapy - allergy treatment	95115, 95117, 95120, 95125, 95130, 95131, 95132, 95133, 95134, 95144, 95145, 95146, 95147, 95148, 95149, 95165, 95170, 95180, 95199
CT2302	Therapy - behavior - other	H2000, H2033, T2036, T2037
CT2304	Therapy - pt - exercises / activities	97537, 97542
CT2305	Therapy - pt - modalities	G0283, S8948
CT2309	Therapy - activity therapy	H2032
CT2311	Therapy - vaccination - mmr / related	90704, 90705, 90706, 90707, 90708, 90710
CT2312	Therapy - vaccination - dtp / related	90696, 90698, 90700, 90701, 90702, 90703, 90718, 90719, 90720, 90721, 90723, 90749
CT2313	Therapy - vaccination - hib vaccine	90645, 90646, 90647, 90648
CT2314	Therapy - vaccination - hepatitis a vaccine	90632, 90633, 90634, 90636
CT2315	Therapy - vaccination - hepatitis b	90740, 90743, 90746, 90747, 90748
CT2316	Therapy - vaccination - poliovirus vaccine	90712, 90713
CT2317	Therapy - vaccination - chicken pox	90716
CT2319	Therapy - vaccination - other vaccine	90476, 90477, 90581, 90585, 90665, 90675, 90676, 90680, 90690, 90691, 90692, 90693, 90714, 90715, 90717, 90725, 90727, 90733, 90734, 90735, 90736
CT2320	Therapy - vaccination - vaccine administration	90465, 90466, 90467, 90468, 90472, 90473, 90474
CT2326	Other care - bladder / bowel care - other supplies	A4310, A4320, A4321, A4322, A4330, A4331, A4332, A4333, A4334, A4335, A4336, A4354, A4355, A4356, A5113, A5114
CT2327	Other care - bladder / bowel care - catheter	A4311, A4312, A4313, A4314, A4315, A4316, A4326, A4327, A4328, A4338, A4340, A4344, A4346, A4349, A4351, A4352, A4353
CT2328	Other care - bladder / bowel care - drainage bag	A4357, A4358, A5102, A5105, A5112

CT2329	Other care - bladder / bowel care - other supplies - diaper / related	A4360, A4520, A4554, T4521, T4522, T4523, T4524, T4525, T4526, T4527, T4528, T4529, T4530, T4531, T4532, T4533, T4534, T4535, T4536, T4537, T4538, T4539, T4540, T4541, T4542, T4543
CT2330	Other care - bladder / bowel care - other supplies - skin barrier	A5120, A5121, A5122, A5126, A5131, A5200
CT23307	Vaccine for flu or Pneumonia	90655, 90656, 90657, 90658, 90660, 90661, 90662, 90663, 90669, 90670, 90732, G0008, G0009, G9141, G9142, Q2035, Q2036, Q2037, Q2038, Q2039, S0195
CT23308	Other therapeutic Sigmoidoscopy	45332, 45334, 45335, 45337, 45339, 45340, 45341, 45342, 45345, 45346, 45347, 45349, 45350
CT23309	Markers for Inflammation	85651, 85652, 86140, 86141
CT2331	Other care - observation	G0379
CT2332	Other care - child care - foster care	S5140, S5141, S5145, S5146
CT2338	Other care - other - education	S9445, S9446
CT23393	Prophylactic vaccinations and inoculations	90284, 90681, 90738
CT23398	Ancillary Services	99415, 99416, G9474, G9475, G9476, G9477, G9478, G9479
CT23400	HPV VACCINE	90649, 90650
CT2341	Other care - other - exercise classes	S9451
CT2342	Tests - allergy tests - percutaneous	95004, 95010
CT2343	Tests - allergy tests - intradermal	95015, 95024, 95027, 95028
CT2344	Tests - allergy tests - patch	95044
CT2345	Tests - allergy tests - other	95052, 95056, 95070, 95071, 95075
CT2352	DME - mobility aids	A4635, A4636, A4637, E0100, E0105, E0110, E0111, E0112, E0113, E0114, E0116, E0117, E0118, E0130, E0135, E0140, E0141, E0143, E0144, E0147, E0148, E0149, E0153, E0154, E0155, E0156, E0157, E0158, E0159, E0955, E0956, E0957, E0958, E0959, E0960, E0961, E0966, E0967, E0968, E0969, E0970, E0971, E0973, E0974, E0978, E0980, E0981, E0982, E0983, E0984, E0985, E0986, E0990, E0992, E0994, E0995, E1002, E1003, E1004, E1005, E1006, E1007, E1008, E1009, E1010, E1011, E1014, E1015, E1016, E1017, E1018, E1020, E1028, E1029, E1030, E1031, E1035, E1037, E1038, E1039, E1050, E1060, E1070, E1083, E1084, E1085, E1086, E1087, E1088, E1089, E1090, E1092, E1093, E1100, E1110, E1130, E1140, E1150, E1160, E1161, E1170, E1171, E1172, E1180, E1190, E1195, E1200, E1220, E1221, E1222, E1223, E1224, E1225, E1226, E1227, E1228, E1229, E1230, E1231, E1232, E1233, E1234, E1235, E1236, E1237, E1238, E1239, E1240, E1250, E1260, E1270, E1280, E1285, E1290, E1295, E1296, E1297, E1298, E2201, E2202, E2203, E2204, E2205, E2206, E2207, E2208, E2209, E2210, E2211, E2212, E2213, E2214, E2215, E2216, E2217, E2218, E2219, E2220, E2221, E2222, E2224, E2225, E2226, E2227, E2228, E2230, E2231, E2291,

		E2292, E2293, E2294, E2295, E2300, E2301, E2310, E2311, E2312, E2313, E2321, E2322, E2323, E2324, E2325, E2326, E2327, E2328, E2329, E2330, E2331, E2340, E2341, E2342, E2343, E2351, E2360, E2361, E2362, E2363, E2364, E2365, E2366, E2367, E2368, E2369, E2370, E2371, E2372, E2373, E2374, E2375, E2376, E2377, E2381, E2382, E2383, E2384, E2385, E2386, E2387, E2388, E2389, E2390, E2391, E2392, E2394, E2395, E2396, E2397, E2601, E2602, E2603, E2604, E2605, E2606, E2607, E2608, E2609, E2610, E2611, E2612, E2613, E2614, E2615, E2616, E2617, E2619, E2620, E2621, K0001, K0002, K0003, K0004, K0005, K0006, K0007, K0009, K0010, K0011, K0012, K0014, K0015, K0017, K0018, K0019, K0020, K0037, K0038, K0039, K0040, K0041, K0042, K0043, K0044, K0045, K0046, K0047, K0050, K0051, K0052, K0053, K0056, K0065, K0069, K0070, K0071, K0072, K0073, K0077, K0098, K0105, K0108, K0669, K0733, K0800, K0801, K0802, K0806, K0807, K0808, K0812, K0813, K0814, K0815, K0816, K0820, K0821, K0822, K0823, K0824, K0825, K0826, K0827, K0828, K0829, K0830, K0831, K0835, K0836, K0837, K0838, K0839, K0840, K0841, K0842, K0843, K0848, K0849, K0850, K0851, K0852, K0853, K0854, K0855, K0856, K0857, K0858, K0859, K0860, K0861, K0862, K0863, K0864, K0868, K0869, K0870, K0871, K0877, K0878, K0879, K0880, K0884, K0885, K0886, K0890, K0891, K0898, K0899
CT2353	DME - patient lifts	E0621, E0625, E0627, E0628, E0629, E0630, E0635, E0636, E0637, E0638, E0639, E0640, E0641, E0642
CT9902	E & M - consultation	Q3014, T1014
CT9903	E & M - hospital	99217, 99218, 99219, 99220, 99231, 99232, 99233, 99234, 99235, 99236, 99291, 99292, 99293, 99294, 99466, 99481, 99482, G0378, G0390, S0310
CT9904	E & M - emergency care	99058, 99281, 99282, 99283, 99284, 99285, G0380, G0381, G0382, G0383, G0384, S9083, S9088
CT9905	E & M - home visit	99224, 99225, 99226, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350, S0273
CT9906	E & M - nursing home	99304, 99305, 99306, 99307, 99308, 99309, 99310, 99315, 99316, 99318, 99324, 99325, 99326, 99327, 99328, 99334, 99335, 99336, 99337
CT9907	E & M - prevention	99420, S0302
CT9908	E & M - other	96040, 99026, 99027, 99056, 99060, 99150, 99288, 99289, 99290, 99360, 99450, 99455, 99456, 99485, 99486, 99488, S0260
CT9909	Procedure - maintenance - cns / spinal pump / port	95991
CT9910	Procedure - anesthesia	01922, 01996, 01999, 99100, 99116, 99135, 99140
CT99101	Other care - other - lead assessment	T1029
CT99102	Other care - other	H0043, H0044, S1001, S1002, S9988, S9989, S9990, S9991, S9999, T2025, T2035, T2038, T2040, T2041
CT99103	Imaging - ct - follow - up	76380

CT99104	Imaging - ct - other	76497
CT99105	Imaging - ct - guidance	77012
CT99107	Imaging - mri - other	76498, C1770, S8042
CT99108	Imaging - mri - guidance	77021
CT99109	Imaging - mri - contrast agent	A9576, A9577, A9578, A9579, A9581, A9583, Q9953, Q9954
CT99111	Procedure - sedation	99143, 99144, 99145, 99148, 99149
CT99111	Imaging - us - retroperitoneum	76770, 76775
CT99113	Imaging - us - guide - biopsy	76942
CT99114	Imaging - us - guide - other	76936, 76937, 76940, 76998
CT99115	Imaging - us - other	76970
CT99118	Imaging - nuclear - blood / plasma volume - scan	78110, 78111, 78120, 78121, 78122
CT99120	Imaging - nuclear - lymphatics	78195
CT99124	Imaging - nuclear - tumor localization	78800, 78801, 78802, 78803, 78804
CT99125	Imaging - nuclear - localization of inflammation	78805, 78806, 78807
CT99127	Imaging - nuclear - other - automated data add - on	78890, 78891
CT99129	Imaging - nuclear - radiopharmaceutical - radiopharmaceutical - other	A4641, A4642, A9507, A9512, A9521, A9538, A9540, A9541, A9547, A9550, A9553, A9556, A9560, A9566, A9568, A9569, A9570, A9571, A9572, A9582
CT99130	Imaging - pet - other	A9552, A9580, G0235, S8085
CT99133	Imaging - other imaging - fluoroscopy	76000, 76001, 76496
CT99134	Imaging - other imaging - fluoroscopy - guidance	77002, 77003
CT99136	Imaging - other imaging	74210, 75809, 75900, 76100, 76101, 76102, 76120, 76125, 76140, 76150, 76350, 76376, 76377, 76390, 76499, Q0092, R0075
CT99137	Imaging - therapeutic procedure - abscess drainage	75989
CT99139	Imaging - supplies - contrast agent - low osmolar	Q9951, Q9965, Q9966, Q9967
CT99140	Imaging - supplies - contrast agent - high osmolar	A9698, Q9958, Q9959, Q9960, Q9961, Q9962, Q9963, Q9964
CT99141	Imaging - supplies - ultrasound related	A4559
CT99142	Lab - pathology consultation	80500, 80502
CT99143	Lab - chemistry	82000, 82003, 82013, 82016, 82017, 82024, 82030, 82045, 82085, 82088, 82101, 82103, 82104, 82108, 82127, 82128, 82131, 82135, 82136, 82139, 82140, 82143, 82145, 82150, 82154, 82157, 82160, 82163, 82164, 82172, 82175, 82180, 82190, 82205, 82232, 82239, 82240, 82252, 82261, 82271, 82272, 82274, 82286, 82300, 82306, 82307, 82308, 82331, 82340, 82355, 82360, 82365, 82370, 82373, 82375, 82376, 82378, 82379, 82380, 82382, 82383, 82384, 82387, 82390, 82397, 82415, 82436, 82438, 82441, 82480,

		82482, 82485, 82486, 82487, 82488, 82489, 82491, 82492, 82495, 82507, 82520, 82523, 82525, 82528, 82530, 82533, 82540, 82541, 82542, 82543, 82544, 82550, 82552, 82553, 82554, 82570, 82585, 82595, 82600, 82607, 82608, 82610, 82615, 82626, 82627, 82633, 82634, 82638, 82646, 82649, 82651, 82652, 82654, 82656, 82657, 82658, 82664, 82666, 82668, 82670, 82671, 82672, 82677, 82679, 82690, 82693, 82696, 82705, 82710, 82715, 82725, 82726, 82735, 82742, 82746, 82747, 82759, 82760, 82775, 82776, 82784, 82785, 82787, 82926, 82928, 82938, 82941, 82943, 82945, 82946, 82950, 82951, 82952, 82953, 82955, 82960, 82962, 82963, 82965, 82975, 82977, 82978, 82979, 82980, 82985, 83003, 83008, 83009, 83010, 83012, 83013, 83014, 83015, 83018, 83020, 83021, 83026, 83045, 83050, 83051, 83055, 83060, 83065, 83068, 83069, 83070, 83071, 83080, 83088, 83090, 83150, 83491, 83497, 83498, 83499, 83500, 83505, 83516, 83518, 83519, 83520, 83525, 83527, 83528, 83570, 83582, 83586, 83593, 83605, 83615, 83625, 83630, 83631, 83632, 83633, 83634, 83670, 83690, 83727, 83735, 83775, 83785, 83788, 83789, 83805, 83825, 83835, 83840, 83857, 83858, 83864, 83866, 83872, 83873, 83874, 83876, 83880, 83883, 83885, 83887, 83890, 83891, 83892, 83893, 83894, 83896, 83897, 83898, 83900, 83901, 83902, 83903, 83904, 83905, 83906, 83907, 83908, 83909, 83912, 83913, 83914, 83915, 83916, 83918, 83919, 83921, 83925, 83930, 83935, 83937, 83945, 83950, 83951, 83970, 83986, 83992, 83993, 84022, 84035, 84060, 84061, 84066, 84075, 84078, 84080, 84081, 84085, 84087, 84100, 84105, 84106, 84110, 84119, 84120, 84126, 84127, 84133, 84134, 84135, 84138, 84140, 84143, 84144, 84145, 84146, 84150, 84152, 84153, 84154, 84156, 84157, 84160, 84165, 84166, 84181, 84182, 84202, 84203, 84206, 84207, 84210, 84220, 84228, 84233, 84234, 84235, 84238, 84244, 84252, 84255, 84260, 84270, 84275, 84285, 84300, 84302, 84305, 84307, 84311, 84315, 84375, 84376, 84377, 84378, 84379, 84392, 84402, 84403, 84425, 84430, 84431, 84446, 84449, 84466, 84484, 84485, 84488, 84490, 84510, 84512, 84525, 84540, 84545, 84560, 84577, 84578, 84580, 84583, 84585, 84586, 84588, 84590, 84591, 84597, 84600, 84620, 84630, 84681, 84999
CT99144	Lab - tissue typing	86805, 86806, 86807, 86808, 86812, 86813, 86816, 86817, 86821, 86822, 86825, 86826, 86849
CT99146	Lab - cytology	88104, 88106, 88107, 88108, 88112, 88160, 88161, 88162, 88172, 88173, 88182, 88184, 88185, 88187, 88188, 88189, 88199
CT99147	Lab - cytogenetics	88230, 88233, 88237, 88239, 88240, 88241, 88245, 88248, 88249, 88261, 88262, 88263, 88264, 88267,

		88269, 88271, 88272, 88273, 88274, 88275, 88280, 88283, 88285, 88289, 88291, 88299
CT99148	Lab - surgical pathology	88300, 88302, 88304, 88305, 88307, 88309, 88312, 88313, 88314, 88318, 88319, 88321, 88323, 88325, 88329, 88331, 88332, 88333, 88334, 88342, 88346, 88347, 88348, 88349, 88355, 88356, 88358, 88360, 88361, 88362, 88365, 88367, 88368, 88371, 88372, 88380, 88381, 88384, 88385, 88386, 88387, 88388, 88399
CT99149	Lab - other clinical lab	88400, 89050, 89051, 89055, 89060, 89100, 89105, 89125, 89130, 89132, 89135, 89136, 89140, 89141, 89160, 89190, 89220, 89225, 89230, 89235, 89240
CT99166	Lab - genetic testing - cardiac ion channel syndrome	S3860, S3862
CT99167	Lab - genetic testing - brugada syndrome	S3861
CT99168	Lab - chemistry and toxicology tests	P2028, P2029, P2031, P2033, P2038
CT99169	Lab - specimen collection - blood - venous - venipuncture	36415, S9529
CT9917	Procedure - related supplies - access catheter	A4301
CT99173	Lab - specimen collection - specimen handling	99000
CT99174	Lab - microscopic - wet mount	Q0111
CT99175	Lab - microscopic - koh prep	Q0112
CT99176	Lab - stat request	S3600, S3601
CT99182	Transportation - paramedic	S0207, S0208
CT99183	Transportation - other transportation	A0021, A0080, A0090, A0100, A0110, A0120, A0130, A0140, A0160, A0170, A0180, A0190, A0200, A0210, A0225, A0380, A0382, A0384, A0390, A0392, A0394, A0396, A0398, A0420, A0422, A0424, A0425, A0426, A0427, A0428, A0429, A0430, A0431, A0432, A0433, A0434, A0435, A0436, A0888, A0998, A0999, P9603, P9604, S0209, S0215, S9992, T2001, T2002, T2003, T2004, T2005, T2007, T2049
CT99184	DME - other	A4639, A4640, A9281, A9283, A9300, A9900, A9901, A9999, S9381, T1999, T2029, T2039, T5999
CT99185	DME - bath / toilet aids	E0160, E0161, E0162, E0163, E0165, E0167, E0168, E0170, E0171, E0172, E0175, E0240, E0241, E0242, E0243, E0244, E0245, E0246, E0247, E0248, E0249
CT99186	DME - beds / accessories	E0250, E0251, E0255, E0256, E0260, E0261, E0265, E0266, E0270, E0271, E0272, E0273, E0274, E0275, E0276, E0277, E0280, E0290, E0291, E0292, E0293, E0294, E0295, E0296, E0297, E0300, E0301, E0302, E0303, E0304, E0305, E0310, E0315, E0316, E0325, E0326, E0328, E0329, E0350, E0352, E0370, E0371, E0372, E0373, E0462
CT99187	DME - safety equipment	E0700, E0705
CT99188	DME - restraints	E0710
CT99190	DME - repair / maintenance	K0739

CT99191	Supplies	A4206, A4207, A4208, A4209, A4210, A4211, A4212, A4213, A4215, A4216, A4217, A4218, A4244, A4245, A4246, A4247, A4265, A4270, A4450, A4452, A4455, A4456, A4458, A4461, A4463, A4465, A4470, A4480, A4550, A4601, A4649, A6000, A6010, A6011, A6021, A6022, A6023, A6024, A6025, A6154, A6196, A6197, A6198, A6199, A6203, A6204, A6205, A6206, A6207, A6208, A6209, A6210, A6211, A6212, A6213, A6214, A6215, A6216, A6217, A6218, A6219, A6220, A6221, A6222, A6223, A6224, A6228, A6229, A6230, A6231, A6232, A6233, A6234, A6235, A6236, A6237, A6238, A6239, A6240, A6241, A6242, A6243, A6244, A6245, A6246, A6247, A6248, A6250, A6251, A6252, A6253, A6254, A6255, A6256, A6257, A6258, A6259, A6260, A6261, A6262, A6266, A6402, A6403, A6404, A6407, A6413, A6441, A6442, A6443, A6444, A6445, A6446, A6447, A6448, A6449, A6450, A6451, A6452, A6453, A6454, A6455, A6456, A6457, A6550, A7000, A7001, A7002, A9155, C1751, C1769, C9898, J1642, T2028
CT99195	Prosthetics - other	K0462
CT99197	Other - non - covered	A9270, G0293, G0294, S9986
CT99198	PQRI	G8427, G8428, G8430, G8440, G8441, G8442, G8447, G8448, G8508, G8509, G8524, G8525, G8526, G8530, G8531, G8532, G8534, G8535, G8536, G8537, G8538, G8539, G8540, G8541, G8542, G8543, G9019, G9020, G9033, G9035, G9036, G9140
CT9920	Procedure - related supplies - catheter	C1758, C2627
CT9921	Procedure - related supplies - dilation / stenting	C1726, C1876, C1877, C2617, C2625
CT9922	Procedure - related supplies - drainage	C1729
CT9927	Procedure - related supplies - other	C1727, C1765, C9250, C9359, C9360, C9361, C9363, C9364, Q9968
CT9928	Therapy - acupuncture	97810, 97811, 97813, 97814
CT9930	Therapy - habilitation	T2013, T2014, T2015, T2016, T2017, T2018, T2019, T2020, T2021
CT99309	Physician Services	99251
CT9931	Therapy - rehabilitation - other	G0409
CT99311	Urine Protein	81000, 81001, 81002, 81003, 81005, 82042, 82043, 82044
CT99312	HbA1C	83036, 83037
CT99314	Robotic Surgery	S2900
CT99316	Physician Services - Inpatient	99356, 99357
CT9932	Therapy - nonoperative removal of foreign body	45307, 45379, 46608
CT9937	Therapy - neurostimulator - tens - leads	A4595
CT99392	Other diagnostic procedures (interview, evaluation, consultation)	C1749, G0436, G0437, G0438, G0439, Q5010
CT9940	Therapy - other	99024, E0761, M0075, M0300, S9355

CT99400	Advance care planning	S0255, S0257
CT99401	Bundled Payment / Medical Home	S0280, S0281
CT99402	Care Plan Oversight	99339, 99340, 99374, 99375, 99377, 99378, 99379, 99380
CT99403	Case Management Services	G0162, G9012, S0250, T1001, T1016, T1017, T2022, T2023, T2024
CT99407	Case Management Services - Oncology	G9054, S0353, S0354
CT99408	Chronic Care Management	99487, 99489
CT99409	Home Health / Hospice	G0179, G0180, G0181, G0182
CT9941	Rx - allergy - antihistamines / comb	J0945, J1200
CT99410	Coordinated Care Fees/Services	G9001, G9002, G9003, G9004, G9005, G9006, G9007, G9008, G9009, G9010, G9011
CT99411	Medication Therapy Management Services	99605, 99606, 99607
CT99412	Online Management	98969, 99444
CT99413	Personal Care Services	T1019, T1020
CT99415	Physician Services - Outpatient	99358, 99359
CT99416	Procedures and Reporting	99080, 99090, 99091
CT99419	Wellness Assessment	S5190
CT9942	Rx - gi - antichol/antispasmodics	J0461
CT99420	LEAD SCREENING	83655
CT9944	Rx - autonomic rx - sympathomimetic rx	J0380, J0395, J1250, J1265, J3105, S9348
CT9946	Rx - analg/antipy/nsaids - nsaids	J1885
CT9947	Rx - analg/antipy/nsaids - narcotics	J0364, J0595, J0745, J1170, J1810, J2175, J2180, J2271, J2275, J2300, J2410, S0109
CT9949	Rx - electrolytic, caloric, water - calcium supplements	J0610, J0620
CT9950	Rx - electrolytic, caloric, water - potassium supp	J3480, S5012
CT9951	Rx - electrolytic, caloric, water - multi-mineral prep	J7120, S5014
CT9952	Rx - electrolytic, caloric, water - sodium chlor preps	J7030, J7040, J7050, J7130
CT9953	Rx - electrolytic, caloric, water - replacement preparations, misc	J7100, J7110
CT9954	Rx - electrolytic, caloric, water - caloric rx, amino acid prep	J1955
CT9955	Rx - electrolytic, caloric, water - caloric rx dextrose / rel	J7042, J7060, J7070, S5010, S5011, S5013
CT9956	Rx - electrolytic, caloric, water - hydration - unspecified	90760, 90761, Q0081, S9373, S9374, S9375, S9376, S9377
CT9958	Rx - miscellaneous rx - enzymes	J0180, J0205, J0220, J1931, J2504, J3470, J3471, J3472, J3473, S9357
CT9959	Rx - miscellaneous rx - heavy metal antagonists	J0470, J0600, J0895, J1190, J3520
CT9960	Rx - miscellaneous rx - anesthetics, local	J0670, J2001, J2400, J2795, S0020

CT9961	Rx - diagnostic rx - roentgenography	Q9957
CT9962	Rx - other	J0598, S9346, T1503
CT9963	Rx - pharmacy fee	Q0513, Q0514, S9430
CT9964	Other care - home care - specialized visit	99507, 99509, 99510, 99511, 99600
CT9965	Other care - home care - physician supervision	G0372, S0270, S0272
CT9966	Other care - home care - nursing care	G0128, T1000, T1002, T1003, T1004
CT9967	Other care - home care - nursing care - rn	G0154, S9123, T1030
CT9968	Other care - home care - nursing care - lpn	S9124, T1031
CT9969	Other care - home care - nursing care - np	S0274
CT9970	Other care - home care - rehabilitation - physical therapy	G0151, G0157, G0158
CT9971	Other care - home care - rehabilitation - occupational therapy	G0152
CT9973	Other care - home care - social worker	G0155, S9127
CT9974	Other care - home care - home health aide	G0156, S9122, T1021
CT9975	Other care - home care - other care - day care	S5100, S5101, S5102, S5105
CT9976	Other care - home care - other care - chore care	S5120, S5121
CT9977	Other care - home care - other care - attendant care	S5125, S5126
CT9978	Other care - home care - other care - homemaker	S5130, S5131
CT9979	Other care - home care - other care - companion care	S5135, S5136
CT9980	Other care - home care - other care - respite care	S5150, S5151, S9125, T1005
CT9981	Other care - home care - other care	S5165, S5175, S5185, S5199, T1022
CT9982	Other care - home care - training	S5108, S5109, S5110, S5111, S5115, S5116
CT9983	Other care - home care - emergency response system	S5160, S5161, S5162
CT9984	Other care - home care - meals	S5170
CT9985	Other care - pain management - pca / related	S9325, S9326, S9327, S9328
CT9986	Other care - hospice	G0337, Q5001, Q5002, Q5003, Q5004, Q5005, Q5006, Q5007, Q5008, Q5009, S0271, S9126, T2042, T2043, T2044, T2045, T2046
CT9987	Other care - long term care - residential care	T2010, T2011, T2032, T2033
CT9988	Other care - long term care - assisted living	T2030, T2031
CT9990	Other care - other - ancillary services	97804, 99001, 99002, 99070, 99071, 99075, 99082, 99199

CT9995	Other care - other - irrigation	S9590
CT9996	Other care - other - lodging	S9976, S9994
CT9997	Other care - other - meals	S9977, S9996
CT9998	Other care - other - medical records	S9981, S9982
XX0000	Ungrouped Codes	0007M, 0226T, 0227T, 0249T, 0355T, 0377T, 33952, 33954, 33958, 33962, 33966, 33984, 37191, 37192, 37193, 37619, 44384, 45399, 46601, 46607, 6030F, 7010F, 81288, 81435, 81436, 90769, 90770, 90771, 90776, 91117, 96360, A4459, A5056, A5057, C9443, C9444, C9446, C9735, G0434, G0472, G0473, G6021, G6027, G6028, G6045, G6046, G8155, G8156, G8157, G8214, G8217, G8219, G8220, G8221, G8569, G8570, G8571, G8572, G8575, G8576, G8577, G8578, G8579, G8580, G8581, G8582, G8583, G8584, G8585, G8586, G8587, G8588, G8589, G8590, G8591, G8592, G8593, G8594, G8595, G8596, G8597, G8598, G8599, G8600, G8601, G8602, G8603, G8604, G8605, G8606, G8607, G8608, G8609, G8610, G8611, G8612, G8613, G8614, G8615, G8616, G8617, G8618, G8619, G8620, G8621, G8622, G8623, G8624, G8625, G8626, G8627, G8628, G8629, G8630, G8631, G8632, G8633, G8634, G8635, G8636, G8637, G8638, G8639, G8640, G8641, G8642, G8643, G8644, G8675, G8676, G8677, G8678, G8679, G8680, G8687, G8689, G8691, G8693, G8696, G8697, G8698, G8967, G8968, G8969, G8970, G8971, G8972, G9199, G9200, G9201, G9298, G9299, G9362, G9363, G9496, G9497, G9500, G9501, G9612, G9613, G9614, G9637, G9638, G9642, G9644, G9645, G9659, G9660, G9661, G9936, G9937, J2274, J2704, Q9974, S0144, 00811, 00812, 00813, 36415, 62320, 90674, 90682, 90750, 90756, 98970, 98971, 98972, 99152, 99153, 99155, 99156, 99157, 99421, 99422, 99423, 99451, 99452, 99453, 99454, 99457, 99458, 0002U, 0004U, 0006U, 0011U, 0116U, 0130U, G0068, G0069, G0493, G0494, G0495, G0496, G0499, G0500, G0508, G0509, G0511, G0512, G0513, G0514, G2061, G2062, G2063, G2064, G2065, G9679, G9683, G9684, G9685, G9686, G9687, G9688, G9690, G9691, G9692, G9693, G9694, G9700, G9702, G9707, G9709, G9710, G9713, G9714, G9715, G9718, G9720, G9723, G9725, G9740, G9741, G9758, G9760, G9761, G9768, G9801, G9802, G9805, G9809, G9816, G9819, G9856, G9857, G9858, G9860, G9861, G9898, G9901, G9910, G9916, G9917, G9918, G9919, G9920, G9921, G9922, G9923, G9938, G9955, G9956, G9957, G9958, G9959, G9960, G9961, M1022, M1025, M1026, M1042, M1043, M1044, M1045, M1046, M1048, M1050, M1059, M1064, M1065, M1066, M1067, M1068, M1069, S0285, C9744, G9711, G9862, G9933, G9934, G9935, 0111U, 0130U

Table 6: Relevant Typical Drug Groups

Group ID	Group Name
RX001	contrast media
RX002	diagnostic agents
RX0111	parasympathomimetics
RX017	hypnotics and sedatives
RX0324	throat preparations
RX0531	Agents for hypertensive emergencies
RX0538	diuretics
RX0539	i.v. solutions & additives
RX0540	Nitrates and other antianginals
RX0541	other antihypertensives
RX0546	Antiplatelet agents, thrombin inhibitors
RX0645	antacids
RX0646	antidiarrheals intestinal adsorbents
RX0647	antiemetics and antinauseants
RX0648	digestives incl. enzymes
RX0649	drugs for constipation
RX0650	drugs for functional gastrointestinal disorders
RX0651	drugs for peptic ulcer and gerd
RX0652	intestinal antiinfectives
RX0653	intestinal antiinflammatory agents
RX0654	stomatological preparations
RX0857	antiinflammatory and antirheumatic products
RX0860	muscle relaxants
RX0861	opioids
RX0862	other analgesics and antipyretics
RX0864	topical products for joint and muscular pain
RX0965	agents for treatment of hemorrhoids and anal fissures for topical use
RX0968	antibiotics and chemotherapeutics for dermatological use
RX0969	antifungals for dermatological use
RX0970	antipruritics incl. antihistamines anesthetics etc.
RX0971	antiseptics and disinfectants
RX0976	irrigating solutions
RX0977	medicated dressings
RX0979	preparations for treatment of wounds and ulcers
RX1086	corticosteroids for systemic use
RX1087	drugs affecting bone structure and mineralization

RX1088	drugs for inborn errors of metabolism
RX1194	urinary antiinfectives and antiseptics
RX13104	GYNECOLOGICAL ANTIINFECTIVES AND ANTISEPTICS
RX16106	iron preparations
RX16109	vitamin b12 and folic acid
RX18114	agents against amoebiasis and other protozoal diseases
RX18115	agents against leishmaniasis and trypanosomiasis
RX18116	anthelmintics
RX18117	antibacterials for systemic use
RX18119	antiinfectives
RX19125	anxiolytics
RX23131	mineral supplements
RX23133	other nutrients
RX23135	vitamins
RX99136	anesthetics general
RX99137	anesthetics local
RX99138	medical gas