

Appendix D
Expanded procedure categories¹

Procedure category	CCHPR code	ICD-9-CM code
1 Operations on the nervous system	1 2 3 4 5 6 7 8 9	-
1.1 Incision and excision of CNS	1	-
1.1.1 Craniotomy and craniectomy	-	0121 0122 0123 0124 0125
1.1.2 Incision of cerebral meninges	-	0131
1.1.3 Other incision and excision of CNS	-	0101 0109 0132 0139 0141 0142 0151 0152 0153 0159
1.2 Insertion, replacement, or removal of extracranial ventricular shunt	2	-
1.3 Laminectomy, excision intervertebral disc	3	-
1.3.1 Excision of intervertebral disc	-	805 8050 8051 8059
1.3.2 Laminectomy	-	0302 0309
1.4 Diagnostic spinal tap	4	-
1.5 Insertion of catheter or spinal stimulator and injection into spinal canal	5	-
1.6 Decompression peripheral nerve	6	-
1.6.1 Release of carpal tunnel	-	0443
1.6.2 Other lysis of adhesion and decompression of peripheral nerves	-	0444 0449
1.7 Other diagnostic nervous system procedures	7	-
1.8 Other non-O.R. or closed therapeutic nervous system procedures	8	-
1.9 Other O.R. therapeutic nervous system procedures	9	-
2 Operations on the endocrine system	10 11 12	-
2.1 Thyroidectomy, partial or complete	10	-
2.2 Diagnostic endocrine procedures	11	-
2.3 Other therapeutic endocrine procedures	12	-
3 Operations on the eye	13 14 15 16 17 18 19 20 21	-
3.1 Corneal transplant	13	-
3.2 Glaucoma procedures	14	-
3.3 Lens and cataract procedures	15	-
3.3.1 Insertion of prosthetic lens	-	1370 1371 1372
3.3.2 Phacoemulsification and aspiration of cataract	-	1341
3.3.3 Other extracapsular extraction of lens	-	1359
3.3.4 Other lens and cataract procedures	-	1311 1319 132 133 1342 1343 1351 1361 1362 1363 1364 1365 1366 1369 138 139

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Procedure category	CCHPR code	ICD-9-CM code
3.4	Repair of retinal tear, detachment	16 -
3.5	Destruction of lesion of retina and choroid	17 -
3.6	Diagnostic procedures on eye	18 -
3.7	Other therapeutic procedures on eyelids, conjunctiva, cornea	19 -
3.8	Other intraocular therapeutic procedures	20 -
3.9	Other extraocular muscle and orbit therapeutic procedures	21 -
4	Operations on the ear	22 23 24 25 26 -
4.1	Tympanoplasty	22 -
4.2	Myringotomy	23 -
4.3	Mastoidectomy	24 -
4.4	Diagnostic procedures on ear	25 -
4.5	Other therapeutic ear procedures	26 -
5	Operations in the nose, mouth, and pharynx	27 28 29 30 31 32 33 -
5.1	Control of epistaxis	27 -
5.2	Plastic procedures on nose	28 -
5.3	Dental procedures	29 -
5.4	Tonsillectomy and/or adenoidectomy	30 -
5.4.1	Tonsillectomy without adenoidectomy	- 282
5.4.2	Tonsillectomy with adenoidectomy	- 283
5.4.3	Adenoidectomy without tonsillectomy	- 286
5.4.4	Control of hemorrhage after tonsillectomy or adenoidectomy	- 287
5.5	Diagnostic procedures on nose, mouth and pharynx	31 -
5.5.1	Diagnostic procedures on nasal sinuses	- 2211 2212 2219
5.5.2	Other diagnostic procedures on nose, mouth and pharynx	- 2121 2122 2129 2411 2412 2419 2501 2502 2509 2611 2612 2619 2721 2722 2723 2724 2729 2811 2819 2911 2912 2919
5.6	Other non-O.R. therapeutic procedures on nose, mouth and pharynx	32 -
5.6.1	Non-O.R. procedures on nasal sinuses	- 2200 2201 2202 222 2264

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Procedure category	CCHPR code	ICD-9-CM code
5.6.2 Other non-O.R. procedures on nasal sinuses	-	211 2130 2131 2132 2171 2191 240 2431 2432 2439 2551 2591 2592 2593 260 2691 2741 2751 2752 2791 2991 9621 9653 9721 9732
5.7 Other O.R. therapeutic procedures on nose, mouth and pharynx	33	-
5.7.1 O.R. procedures on nasal sinuses	-	2231 2239 2241 2242 2250 2251 2252 2253 2260 2261 2262 2263 2271 2279
5.7.2 Excision salivary gland	-	2630 2631 2632
5.7.3 Repair cleft lip	-	2754
5.7.4 Correction cleft palate	-	2762
5.7.5 Incision and drainage of tonsils	-	280
5.7.6 Other procedures on nose, mouth and pharynx	-	214 2161 2162 2169 2172 2199 229 242 251 252 253 254 2559 2594 2599 2621 2629 2641 2642 2649 2699 270 271 2731 2732 2742 2743 2749 2753 2755 2756 2757 2759 2761 2763 2769 2771 2772 2773 2779 2792 2799 284 285 2891 2892 2899 290 292 293 2931 2932 2933 2939 294 2951 2952 2953 2954 2959 2992 2999
6 Operations on the respiratory system	34 35 36 37 38 39 40 41 42	-
6.1 Tracheostomy, temporary and permanent	34	-
6.2 Tracheoscopy and laryngoscopy with biopsy	35	-
6.3 Lobectomy or pneumonectomy	36	-
6.4 Diagnostic bronchoscopy and biopsy of bronchus	37	-
6.4.1 Bronchoscopy without biopsy	-	3322 3323
6.4.2 Endoscopic biopsy of bronchus	-	3324
6.4.3 Needle biopsy of lung	-	3326
6.4.4 Endoscopic biopsy of lung	-	3327
6.5 Other diagnostic procedures on lung and bronchus	38	-
6.6 Incision of pleura, thoracentesis, chest drainage	39	-
6.6.1 Closed chest drainage	-	3404
6.6.2 Open chest drainage	-	3409
6.6.3 Thoracentesis	-	3491
6.7 Other diagnostic procedures of respiratory tract and mediastinum	40	-

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Procedure category		CCHPR code	ICD-9-CM code
6.8	Other non-O.R. therapeutic procedures on respiratory system	41	-
6.9	Other O.R. therapeutic procedures on respiratory system	42	-
7	Operations on the cardiovascular system	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	-
7.1	Heart valve procedures	43	-
7.2	Coronary artery bypass graft (CABG)	44	-
7.2.1	Bypass of one coronary artery	-	3611
7.2.2	Bypass of two coronary arteries	-	3612
7.2.3	Bypass of three coronary arteries	-	3613
7.2.4	Bypass of four coronary arteries	-	3614
7.2.5	Other bypass of coronary arteries	-	3610 3615 3616 3619 362 363
7.3	Percutaneous transluminal coronary angioplasty (PTCA)	45	-
7.3.1	Single vessel PTCA	-	3601 3602
7.3.2	Multiple vessel PTCA	-	3605
7.4	Coronary thrombolysis	46	-
7.5	Diagnostic cardiac catheterization, coronary arteriography	47	-
7.5.1	Coronary arteriography	-	8852 8853 8854 8855 8856 8857
7.5.2	Cardiac catheterization	-	3721 3722 3723
7.6	Insertion, revision, replacement, removal of pacemaker or cardioverter/defibrillator	48	-
7.6.1	Insertion, revision, replacement, or removal of pacemaker leads	-	3770 3771 3772 3773 3774 3775 3776 3777 3778 3779
7.6.2	Insertion, revision, replacement, or removal of pacemaker device	-	3780 3781 3782 3783 3785 3786 3787 3789
7.6.3	Insertion, revision, replacement, or removal of cardioverter/defibrillator	-	3794 3795 3796 3797 3798
7.7	Other O.R. heart procedures	49	-
7.8	Extracorporeal circulation auxiliary to open heart procedures	50	-
7.9	Endarterectomy, vessel of head and neck	51	-
7.10	Aortic resection, replacement or anastomosis	52	-
7.11	Varicose vein stripping, lower limb	53	-
7.12	Other vascular catheterization, not heart	54	-

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7.12.1 Arterial catheterization	-	3891
7.12.2 Umbilical vein catheterization	-	3892
7.12.3 Venous catheterization	-	3893
7.13 Peripheral vascular bypass	55	-
7.14 Other vascular bypass and shunt, not heart	56	-
7.15 Creation, revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis	57	-
7.16 Hemodialysis	58	-
7.17 Other O.R. procedures on vessels of head and neck	59	-
7.18 Embolectomy and endarterectomy of lower limbs	60	-
7.19 Other O.R. procedures on vessels other than head and neck	61	-
7.19.1 Interrupt vena cava	-	387
7.19.2 Other O.R. procedures on blood vessels	-	3800 3803 3804 3805 3806 3807 3809 3810 3813 3814 3815 3816 3830 3833 3835 3836 3837 3838 3839 3840 3843 3845 3846 3847 3848 3849 3850 3853 3855 3857 3860 3863 3865 3866 3867 3868 3869 3880 3883 3884 3885 3886 3887 3888 3889 3930 3931 3932 3941 3949 3951 3952 3953 3954 3955 3956 3957 3958 3959 397 398 3991 3992 3994 3998 3999
7.20 Other diagnostic cardiovascular procedures	62	-
7.21 Other non-O.R. therapeutic cardiovascular procedures	63	-
8 Operations on the hemic and lymphatic system	64 65 66 67	-
8.1 Bone marrow transplant	64	-
8.2 Bone marrow biopsy	65	-
8.3 Procedures on spleen	66	-
8.4 Other therapeutic procedures, hemic and lymphatic system	67	-
8.4.1 Biopsy of lymphatic structure	-	4011
8.4.2 Simple excision of lymphatic structure	-	4021 4022 4023 4024 4029
8.4.3 Regional lymph node excision	-	403
8.4.4 Radical excision lymph nodes	-	4040 4041 4042 4050 4051 4052 4053 4054 4059
8.4.5 Other hemic and lymphatic procedures	-	400 4019 4061 4062 4063 4064 4069 409 4132 4133 4138 4139 4191 4192 4198

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9 Operations on the digestive system	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99	-
9.1 Therapeutic procedures on the esophagus	68 69	-
9.1.1 Injection or ligation of esophageal varices	68	-
9.1.2 Esophageal dilatation	69	-
9.2 Upper gastrointestinal endoscopy, biopsy	70	-
9.2.1 Esophagoscopy	-	4223 4224
9.2.2 Gastroscopy	-	4413 4414
9.2.3 Esophagogastroduodenoscopy (EGD) without biopsy	-	4513
9.2.4 Esophagogastroduodenoscopy (EGD) with biopsy	-	4516
9.2.5 Endoscopic biopsy small intestine	-	4514
9.3 Gastrostomy, temporary and permanent	71	-
9.4 Colostomy, temporary and permanent	72	-
9.5 Ileostomy and other enterostomy	73	-
9.6 Gastrectomy, partial and total	74	-
9.7 Small bowel resection	75	-
9.8 Colonoscopy and biopsy	76	-
9.8.1 Closed endoscopic biopsy of large intestine	-	4525
9.8.2 Other endoscopy of large intestine	-	4523 4524
9.9 Proctoscopy and anorectal biopsy	77	-
9.10 Colorectal resection	78	-
9.10.1 Right hemicolectomy	-	4573
9.10.2 Left hemicolectomy	-	4575
9.10.3 Sigmoidectomy	-	4576
9.10.4 Resection of rectum	-	4841 4849 485 4861 4862 4863 4864 4865 4866 4869
9.10.5 Other colorectal resections	-	4571 4572 4574 4579 458
9.11 Local excision of large intestine lesion (not endoscopic)	79	-
9.12 Appendectomy	80	-
9.13 Hemorrhoid procedures	81	-

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Procedure category		CCHPR code	ICD-9-CM code
9.14	Endoscopic retrograde cannulation of pancreas (ERCP)	82	-
9.15	Biopsy of liver	83	-
9.16	Cholecystectomy and common duct exploration	84	-
9.16.1	Open cholecystectomy	-	5121 5122
9.16.2	Laparoscopic cholecystectomy	-	5123
9.16.3	Incision of bile duct	-	5141 5142 5143 5149 5151 5159
9.17	Inguinal and femoral hernia repair	85	-
9.17.1	Unilateral repair inguinal hernia	-	5300 5301 5302 5303 5304 5305
9.17.2	Bilateral repair inguinal hernia	-	5310 5311 5312 5313 5314 5315 5316 5317
9.17.3	Femoral hernia repair	-	5321 5329 5331 5339
9.18	Other hernia repair	86	-
9.18.1	Umbilical hernia repair	-	5341 5349
9.18.2	Incisional hernia repair	-	5351 5361
9.18.3	Other abdominal wall hernia repair	-	5359 5369
9.18.4	Other hernia repair	-	537 5380 5381 5382 539
9.19	Laparoscopy	87	-
9.20	Abdominal paracentesis	88	-
9.21	Exploratory laparotomy	89	-
9.22	Excision, lysis peritoneal adhesions	90	-
9.23	Peritoneal dialysis	91	-
9.24	Other bowel diagnostic procedures	92	-
9.25	Other non-O.R. upper GI therapeutic procedures	93	-
9.26	Other O.R. upper GI therapeutic procedures	94	-
9.27	Other non-O.R. lower GI therapeutic procedures	95	-
9.28	Other O.R. lower GI therapeutic procedures	96	-
9.28.1	Closure of stoma of large intestine	-	4652
9.28.2	Local excision of rectal lesion	-	4835
9.28.3	Incision of perirectal tissue	-	4881
9.28.4	Incision of perianal abscess	-	4901
9.28.5	Incision/excision of anal fistula	-	4911 4912

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Procedure category	CCHPR code	ICD-9-CM code
9.28.6 Other lower GI procedures	-	4500 4501 4502 4503 4531 4532 4533 4534 4549 4550 4551 4552 4590 4591 4592 4593 4594 4595 4601 4602 4603 4604 4640 4641 4642 4643 4650 4651 4660 4661 4662 4663 4664 4671 4672 4673 4674 4675 4676 4679 4680 4681 4682 4691 4692 4693 4694 4699 472 4791 4792 4799 480 481 4871 4872 4873 4874 4875 4876 4879 4882 4891 4892 4893 4899 4902 4904 493 4939 4951 4952 4959 496 4971 4972 4973 4974 4979 4991 4992 4993 4994 4995 4999
9.29 Other gastrointestinal diagnostic procedures	97	-
9.30 Other non-O.R. gastrointestinal therapeutic procedures	98	-
9.31 Other O.R. gastrointestinal therapeutic procedures	99	-
9.31.1 Radical pancreaticoduodenectomy	-	527
9.31.2 Incision abdominal wall	-	540
9.31.3 Excision or destruction of peritoneal tissue	-	544
9.31.4 Creation of cutaneoperitoneal fistula	-	5493
9.31.5 Other gastrointestinal therapeutic procedures	-	500 5021 5022 5029 503 504 5061 5069 5102 5103 5104 5131 5132 5133 5134 5135 5136 5137 5139 5161 5162 5163 5169 5171 5172 5179 5181 5182 5183 5189 5191 5192 5193 5194 5195 5199 5201 5209 522 5222 523 524 5251 5252 5253 5259 526 5292 5295 5296 5299 5412 5419 543 5461 5462 5463 5464 5471 5472 5473 5474 5475 5492 5494 5495
10 Operations on the urinary system	100 101 102 103 104 105 106 107 108 109 110 111 112	-
10.1 Cystoscopy and other transurethral procedures	100 101 102	-
10.1.1 Endoscopy and endoscopic biopsy of the urinary tract	100	-
10.1.2 Transurethral excision, drainage, or removal urinary obstruction	101	-
10.1.3 Ureteral catheterization	102	-
10.2 Nephrotomy and nephrostomy	103	-
10.3 Nephrectomy, partial or complete	104	-
10.4 Kidney transplant	105	-

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10.5	Genitourinary incontinence procedures	106 -
10.6	Extracorporeal lithotripsy, urinary	107 -
10.7	Indwelling catheter	108 -
10.8	Procedures on the urethra	109 -
10.9	Other diagnostic procedures of urinary tract	110 -
10.10	Other non-O.R. therapeutic procedures of urinary tract	111 -
10.11	Other O.R. therapeutic procedures of urinary tract	112 -
11	Operations on the male genital organs	113 114 115 - 116 117 118
11.1	Transurethral resection of prostate (TURP)	113 -
11.2	Open prostatectomy	114 -
11.3	Circumcision	115 -
11.4	Diagnostic procedures, male genital	116 -
11.5	Other non-O.R. therapeutic procedures, male genital	117 -
11.6	Other O.R. therapeutic procedures, male genital	118 -
11.6.1	Unilateral orchiectomy	- 623
11.6.2	Bilateral orchiectomy	- 6241
11.6.3	Orchiopexy	- 625
11.6.4	Insert or replace penile prosthesis	- 6495 6497
11.6.5	Other male genital procedures	- 600 6072 6073 6079 6081 6082 6093 6094 6099 612 6142 6149 6192 6199 620 622 6242 6261 6269 627 6299 631 632 633 634 6351 6353 6359 6381 6382 6383 6385 6389 6392 6393 6394 6395 6399 642 643 6441 6442 6443 6444 6445 6449 645 6492 6493 6496 6498 6499
12	Operations on the female genital organs	119 120 121 - 122 123 124 125 126 127 128 129 130 131 132
12.1	Oophorectomy, unilateral and bilateral	119 -
12.2	Other operations on ovary	120 -
12.3	Ligation of fallopian tubes	121 -
12.4	Removal ectopic pregnancy	122 -
12.5	Other operations on fallopian tubes	123 -
12.6	Hysterectomy, abdominal and vaginal	124 -

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Procedure category	CCHPR code	ICD-9-CM code
12.6.1 Total abdominal hysterectomy	-	684
12.6.2 Vaginal hysterectomy	-	685
12.6.3 Other hysterectomy	-	683 686 687 689
12.7 Other excision of cervix and uterus	125	-
12.8 Abortion (termination of pregnancy)	126	-
12.9 Dilatation and curettage (D&C), aspiration after delivery or abortion	127	-
12.10 Diagnostic dilatation and curettage (D&C)	128	-
12.11 Repair of cystocele and rectocele, obliteration of vaginal vault	129	-
12.12 Other diagnostic procedures female organs	130	-
12.13 Other non-O.R. therapeutic procedures, female organs	131	-
12.14 Other O.R. therapeutic procedures, female organs	132	-
13 Obstetrical procedures	133 134 135 136 137 138 139 140 141	-
13.1 Episiotomy	133	-
13.2 Cesarean section	134	-
13.3 Forceps, vacuum, and breech delivery	135	-
13.3.1 Low forceps delivery with episiotomy	-	721
13.3.2 Vacuum extraction with episiotomy	-	7271
13.3.3 Other vacuum extraction	-	7279
13.3.4 Other forceps or breech delivery	-	720 7221 7229 7231 7239 724 7251 7252 7253 7254 726 728 729 733
13.4 Artificial rupture of membranes to assist delivery	136	-
13.5 Other procedures to assist delivery	137	-
13.5.1 Induction of labor by artificial rupture of membranes	-	7301
13.5.2 Medical induction of labor	-	734
13.5.3 Other manually assisted labor	-	7359
13.5.4 Other delivery procedures	-	731 7321 7322 7351 738 7391 7392 7393 7394 7399
13.6 Diagnostic amniocentesis	138	-
13.7 Fetal monitoring	139	-
13.8 Repair of current obstetric laceration	140	-
13.8.1 Repair of obstetric laceration of uterus or cervix	-	7550 7551 7552

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Procedure category	CCHPR code	ICD-9-CM code
13.8.2 Repair of obstetric laceration of bladder or urethra	-	7561
13.8.3 Repair of obstetric laceration of rectum or sphincter	-	7562
13.8.4 Repair of other obstetric laceration	-	7569
13.9 Other therapeutic obstetrical procedures	141	-
14 Operations on the musculoskeletal system	142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164	-
14.1 Partial excision bone	142	-
14.2 Bunionectomy or repair of toe deformities	143	-
14.3 Treatment of fracture or dislocation	144 145 146 147 148	-
14.3.1 Treatment, facial fracture or dislocation	144	-
14.3.2 Treatment, fracture or dislocation of radius and ulna	145	-
14.3.3 Treatment, fracture or dislocation of hip and femur	146	-
14.3.4 Treatment, fracture or dislocation of lower extremity (not hip/femur)	147	-
14.3.5 Other fracture and dislocation procedure	148	-
14.4 Arthroscopy	149	-
14.4.1 Arthroscopy of knee	-	8026
14.4.2 Other arthroscopy	-	8020 8021 8022 8023 8024 8025 8027 8028 8029
14.5 Division of joint capsule, ligament or cartilage	150	-
14.6 Excision of semilunar cartilage of knee	151	-
14.7 Arthroplasty	152 153 154	-
14.7.1 Arthroplasty knee	152	-
14.7.2 Hip replacement, total and partial	153	-
14.7.3 Arthroplasty other than hip or knee	154	-
14.8 Arthrocentesis	155	-
14.9 Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	156	-
14.10 Amputation of lower extremity	157	-

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Procedure category	CCHPR code	ICD-9-CM code
14.10.1 Amputation of toe	-	8411
14.10.2 Amputation through foot	-	8412
14.10.3 Below knee amputation	-	8415
14.10.4 Above knee amputation	-	8417
14.10.5 Other lower extremity amputation	-	8410 8413 8414 8416 8418 8419
14.11 Spinal fusion	158	-
14.12 Other diagnostic procedures on musculoskeletal system	159	-
14.13 Other therapeutic procedures on muscles and tendons	160	-
14.13.1 Rotator cuff repair	-	8363
14.13.2 Other suture of muscle, tendon and fascia	-	8361 8362 8364 8365
14.13.3 Other muscle and tendon procedures	-	8201 8202 8203 8204 8209 8211 8212 8219 8221 8222 8229 8231 8232 8233 8234 8235 8236 8239 8241 8242 8243 8244 8245 8246 8251 8252 8253 8254 8255 8256 8257 8258 8259 8261 8269 8271 8272 8279 8281 8282 8283 8284 8285 8286 8289 8291 8299 8301 8302 8303 8309 8311 8312 8313 8314 8319 8331 8332 8339 8341 8342 8343 8344 8345 8349 835 8371 8372 8373 8374 8375 8376 8377 8379 8381 8382 8383 8384 8385 8386 8387 8388 8389 8391 8392 8393 8399
14.14 Other O.R. therapeutic procedures on bone	161	-
14.15 Other O.R. therapeutic procedures on joints	162	-
14.16 Other non-O.R. therapeutic procedures on musculoskeletal system	163	-
14.17 Other O.R. therapeutic procedures on musculoskeletal system	164	-
15 Operations on the integumentary system	165 166 167 168 169 170 171 172 173 174 175	-
15.1 Procedures on the breast	165 166 167	-
15.1.1 Breast biopsy and other diagnostic procedures on breast	165	-
15.1.2 Lumpectomy, quadrantectomy of breast	166	-
15.1.3 Mastectomy	167	-
15.2 Incision and drainage, skin and subcutaneous tissue	168	-
15.3 Debridement of wound, infection or burn	169	-

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Procedure category	CCHPR code	ICD-9-CM code
15.4	Excision of skin lesion	170 -
15.5	Suture of skin and subcutaneous tissue	171 -
15.6	Skin graft	172 -
15.7	Other diagnostic procedures on skin and subcutaneous tissue	173 -
15.8	Other non-O.R. therapeutic procedures on skin and breast	174 -
15.8.1	Aspiration of skin and subcutaneous tissue	- 8601
15.8.2	Insertion of totally implantable vascular access device	- 8607
15.8.3	Debridement of nail	- 8627
15.8.4	Other skin and breast procedures, non-O.R.	- 850 8551 8552 8581 8591 8592 8602 8603 8605 8609 8623 8624 8626 8692 8699
15.9	Other O.R. therapeutic procedures on skin and breast	175 -
15.9.1	Bilateral reduction mammoplasty	- 8532
15.9.2	Excision pilonidal cyst or sinus	- 8621
15.9.3	Other skin and breast procedures, O.R.	- 8524 8525 8531 8533 8534 8535 8536 8550 8553 8554 856 857 8582 8583 8584 8585 8586 8587 8589 8593 8594 8595 8596 8599 8606 8625 8681 8682 8683 8684 8685 8686 8689 8691 8693
16	Miscellaneous diagnostic and therapeutic procedures	176 177 178 - 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231
16.1	Other organ transplantation	176 -
16.2	Computerized axial tomography (CT) scan	177 178 179 - 180
16.2.1	Computerized axial tomography (CT) scan head	177 -

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16.2.2 CT scan chest	178	-
16.2.3 CT scan abdomen	179	-
16.2.4 Other CT scan	180	-
16.3 Myelogram	181	-
16.4 Mammography	182	-
16.5 Routine chest x-ray	183	-
16.6 Intraoperative cholangiogram	184	-
16.7 Upper gastrointestinal x-ray	185	-
16.8 Lower gastrointestinal x-ray	186	-
16.9 Intravenous pyelogram	187	-
16.10 Cerebral arteriogram	188	-
16.11 Contrast aortogram	189	-
16.12 Contrast arteriogram of femoral and lower extremity arteries	190	-
16.13 Arterio- or venogram (not heart and head)	191	-
16.14 Diagnostic ultrasound	192 193 194 195 196 197	-
16.14.1 Diagnostic ultrasound of head and neck	192	-
16.14.2 Diagnostic ultrasound of heart (echocardiogram)	193	-
16.14.3 Diagnostic ultrasound of gastrointestinal tract	194	-
16.14.4 Diagnostic ultrasound of urinary tract	195	-
16.14.5 Diagnostic ultrasound of abdomen or retroperitoneum	196	-
16.14.6 Other diagnostic ultrasound	197	-
16.15 Magnetic resonance imaging	198	-
16.16 Electroencephalogram (EEG)	199	-
16.17 Nonoperative urinary system measurements	200	-
16.18 Cardiac stress tests	201	-
16.19 Electrocardiogram	202	-
16.20 Electrographic cardiac monitoring	203	-
16.21 Swan-Ganz catheterization for monitoring	204	-
16.22 Arterial blood gases	205	-
16.23 Microscopic examination (bacterial smear, culture, toxicology)	206	-
16.24 Radioisotope scan	207 208 209 210	-

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16.24.1 Radioisotope bone scan	207	-
16.24.2 Radioisotope pulmonary scan	208	-
16.24.3 Radioisotope scan and function studies	209	-
16.24.4 Other radioisotope scan	210	-
16.25 Therapeutic radiology	211	-
16.26 Physical therapy	212 213 214 215	-
16.26.1 Diagnostic physical therapy	212	-
16.26.2 Physical therapy exercises, manipulation, and other procedures	213	-
16.26.3 Traction, splints, and other wound care	214	-
16.26.4 Other physical therapy and rehabilitation	215	-
16.27 Respiratory intubation and mechanical ventilation	216	-
16.27.1 Endotracheal intubation	-	9604
16.27.2 Continuous mechanical ventilation less than 96 hours	-	9671
16.27.3 Continuous mechanical ventilation more than 96 hours	-	9672
16.27.4 Other respiratory intubation and mechanical ventilation	-	9390 9392 9601 9602 9603 9605 9670
16.28 Other respiratory therapy	217	-
16.28.1 Respiratory medication administered by nebulizer	-	9394
16.28.2 Oxygen therapy	-	9396
16.28.3 Other respiratory treatments	-	9391 9399
16.29 Psychological and psychiatric evaluation and therapy	218	-
16.29.1 Psychiatric drug therapy	-	9421 9422 9423 9424 9425
16.29.2 Electroconvulsive therapy	-	9427
16.29.3 Individual psychotherapy	-	9431 9432 9433 9434 9435 9436 9437 9438 9439
16.29.4 Other psychological and psychiatric evaluation and therapy	-	9401 9402 9403 9408 9409 9411 9412 9413 9419 9426 9429 9441 9442 9443 9444 9445 9446 9449 9451 9452 9453 9454 9455 9459
16.30 Alcohol and drug rehabilitation	219	-
16.30.1 Alcohol rehabilitation	-	9461

Appendix D
Expanded procedure categories¹

Procedure category	CCHPR code	ICD-9-CM code
16.30.2 Alcohol detoxification	-	9462
16.30.3 Alcohol rehabilitation and detoxification	-	9463
16.30.4 Drug rehabilitation	-	9464
16.30.5 Drug detoxification	-	9465
16.30.6 Drug rehabilitation and detoxification	-	9466
16.30.7 Alcohol and drug rehabilitation	-	9467
16.30.8 Alcohol and drug detoxification	-	9468
16.30.9 Alcohol and drug rehabilitation and detoxification	-	9469
16.31 Ophthalmologic and otologic diagnosis and treatment	220	-
16.32 Naso-gastric tube	221	-
16.33 Blood transfusion	222	-
16.34 Enteral and parenteral nutrition	223	-
16.35 Cancer chemotherapy	224	-
16.36 Conversion of cardiac rhythm	225	-
16.37 Other diagnostic radiology and related techniques	226	-
16.38 Other diagnostic procedures (interview, evaluation, consultation)	227	-
16.39 Prophylactic vaccinations and inoculations	228	-
16.40 Nonoperative removal of foreign body	229	-
16.41 Extracorporeal shock wave lithotripsy, other than urinary	230	-
16.42 Other therapeutic procedures	231	-
16.42.1 Inject antibiotic	-	9921
16.42.2 Other phototherapy (newborn)	-	9983
16.42.3 Other therapies	-	3898 3899 9393 9395 9397 9398 9657 9658 9659 9715 9716 9729 9738 9739 9779 9781 9783 9784 9785 9787 9789 9911 9912 9913 9914 9916 9917 9918 9919 9922 9923 9924 9926 9927 9929 9971 9972 9973 9974 9979 9981 9982 9984 9985 9986 9988 9991 9992 9998 9999

¹ Expanded procedure categories can consist of groups of Clinical Classifications for Health Policy Research (CCHPR) categories, individual CCHPR categories, or individual ICD-9-CM codes. For information on constituent ICD-9-CM codes for CCHPR categories listed here, refer to Appendix B.