

Supplemental Material for: Anticipated Rates and Costs of Guideline-Concordant Preoperative Stress Testing

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1. Further detail regarding prediction of metabolic equivalents (METs)

We used a subset of NHANES (2011-2012) to create a logistic regression predicting whether a patient was able to perform four or more METs. Code excerpts and results below are from Stata.

```
* Create a variable to indicate whether a person is able to perform 4 or more METs for any
length of time (1 minute or greater):
gen four_or_more_mets = .
replace four_or_more_mets = 0 if paq706 == 0      /* Physically active 0 days of the week. */
replace four_or_more_mets = 1 if paq605 == 1      /* Vigorous work activity; 8 METs */
replace four_or_more_mets = 0 if paq605 == 2      /* Active, but <8 METs. Refine below. */

*Use minutes of activity for the rest -- if nonmissing and greater than zero, the respondent
reports doing this activity:
/* Moderate-intensity work for 1 minute or more per week: */
replace four_or_more_mets = 1 if (pad630 >= 0 & pad630 != .)
/* Walking or bicycling for transportation, 1 minute or more per week: */
replace four_or_more_mets = 1 if (pad645 >= 0 & pad645 != .)
/* Vigorous recreational activities, 1 minute or more per week: */
replace four_or_more_mets = 1 if (pad660 >= 0 & pad660 != .)
/* Moderate recreational activities, 1 minute or more per week: */
replace four_or_more_mets = 1 if (pad675 >= 0 & pad675 != .)
replace four_or_more_mets = 0 if paq605==0 & pad630==0 & pad645==0 & pad660==0 & pad675==0
```

We then used variables common to both NHANES and NSQIP to predict the variable “four_or_more_mets”. Because this regression is used for imputation only, it need not be a parsimonious model, provided it has overall predictive ability. The relevant command and result are below.

```
logit four_or_more_mets c.age##c.age c.weight##c.weight i.male i.congestive_heart_failure
i.active_smoker i.diabetes_on_insulin i.diabetes_not_on_insulin i.coronary_artery_disease
i.prior_stroke
```

note: 0.diabetes_not_on_insulin omitted because of collinearity

```
Iteration 0:  log likelihood = -1287.8501
Iteration 1:  log likelihood = -1191.6394
Iteration 2:  log likelihood = -1188.753
Iteration 3:  log likelihood = -1188.7443
Iteration 4:  log likelihood = -1188.7443
```

```
Logistic regression                Number of obs   =       2228
                                LR chi2(10)          =       198.21
                                Prob > chi2           =       0.0000
Log likelihood = -1188.7443        Pseudo R2       =       0.0770
```

four_or_more_mets	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
age	-.0183531	.0196781	-0.93	0.351	-.0569214	.0202152
c.age#c.age	-.0001721	.0001842	-0.93	0.350	-.0005332	.000189

	weight		.0141383	.0057274	2.47	0.014	.0029128	.0253637
	c.weight#c.weight		-.0000449	.0000136	-3.31	0.001	-.0000714	-.0000183
	1.male		.4830794	.1047819	4.61	0.000	.2777106	.6884482
1.congestive_heart_failure			-.2989718	.2435064	-1.23	0.220	-.7762357	.1782921
	1.active_smoker		-.4484147	.1125448	-3.98	0.000	-.6689985	-.227831
	1.diabetes_on_insulin		-.2958959	.2252259	-1.31	0.189	-.7373306	.1455388
	0.diabetes_not_on_insulin		0	(omitted)				
	1.coronary_artery_disease		-.2059055	.1561592	-1.32	0.187	-.511972	.100161
	1.prior_stroke		-.3774548	.2025989	-1.86	0.062	-.7745414	.0196317
	_cons		1.568062	.7406836	2.12	0.034	.1163491	3.019775

After predicting that variable in our NSQIP cohort and dichotomizing, approximately 71% of patients are able to achieve four or more METs, shown below:

```
. tab four_or_more_mets
```

Pr(four_or_more_mets)	Freq.	Percent	Cum.
0	97,857	29.13	29.13
1	238,121	70.87	100.00
Total	335,978	100.00	

2. MICA-predicted operative risk, conditioned by RCRI score

To convey the range of expected risk within each RCRI score and present the degree to which the two prediction scores differ in more concrete terms than kappa, we here present operative risk predicted by MICA, conditioned on RCRI.

RCRI	Number	Mean predicted risk	Median predicted risk	Proportion with predicted risk greater than 1%
0	114,498	0.28%	0.10%	5.3%
1	176,976	0.54%	0.17%	13.7%
2	32,860	1.64%	0.84%	42.6%
3	7,489	2.84%	1.45%	62.7%
4	1,379	4.31%	2.44%	80.5%
5	189	6.06%	4.19%	93.7%
6	15	6.23%	6.06%	93.3%

3. Excluded surgical procedures

Cardiac surgeries were excluded from our analysis (as determined by our categorization of CPT codes). A small number of procedures that were experimental or defied categorization were also excluded. Procedures included in the 2009 NSQIP PUF that were excluded from our analysis are listed below.

Description	CPT code	RCRI categorization	Gupta Categorization:
EXC RECTAL TUMOR ENDOSCOPIC	0184T	None	Anorectal
ENDOVASC AORT REPR W/DEVICE	0078T	Suprainguinal vascular	Aortic
ENDOVASC AORT REPR RAD S&I	0080T	Intraperitoneal	Aortic
ENDOVASC VISC EXTNSN S&I	0081T	Intraperitoneal	Aortic
INCISION OF HEART SAC	33020	Intrathoracic	Cardiac
INCISION OF HEART SAC	33025	Intrathoracic	Cardiac
PARTIAL REMOVAL OF HEART SAC	33030	Intrathoracic	Cardiac
PARTIAL REMOVAL OF HEART SAC	33031	Intrathoracic	Cardiac
REMOVAL OF HEART SAC LESION	33050	Intrathoracic	Cardiac
REMOVAL OF HEART LESION	33120	Intrathoracic	Cardiac
REMOVAL OF HEART LESION	33130	Intrathoracic	Cardiac
ABLATE ATRIA W/BYPASS, EXTEN	33256	Intrathoracic	Cardiac
ABLATE ATRIA W/BYPASS ADD-ON	33259	Intrathoracic	Cardiac
ABLATE ATRIA, LMTD, ENDO	33265	Intrathoracic	Cardiac
ABLATE ATRIA, X10SV, ENDO	33266	Intrathoracic	Cardiac
REPAIR OF HEART WOUND	33300	Intrathoracic	Cardiac
REPAIR OF HEART WOUND	33305	Intrathoracic	Cardiac
EXPLORATORY HEART SURGERY	33315	Intrathoracic	Cardiac
REPAIR OF AORTIC VALVE	33400	Intrathoracic	Cardiac
REPLACEMENT OF AORTIC VALVE	33405	Intrathoracic	Cardiac
REPLACEMENT OF AORTIC VALVE	33410	Intrathoracic	Cardiac
REPLACEMENT OF AORTIC VALVE	33411	Intrathoracic	Cardiac
REPLACEMENT OF AORTIC VALVE	33412	Intrathoracic	Cardiac
REPLACEMENT OF AORTIC VALVE	33413	Intrathoracic	Cardiac
REVISION, SUBVALVULAR TISSUE	33415	Intrathoracic	Cardiac
REVISE VENTRICLE MUSCLE	33416	Intrathoracic	Cardiac
REVISION OF MITRAL VALVE	33422	Intrathoracic	Cardiac
REPAIR OF MITRAL VALVE	33425	Intrathoracic	Cardiac
REPAIR OF MITRAL VALVE	33426	Intrathoracic	Cardiac
REPAIR OF MITRAL VALVE	33427	Intrathoracic	Cardiac
REPLACEMENT OF MITRAL VALVE	33430	Intrathoracic	Cardiac
VALVULOPLASTY, TRICUSPID	33463	Intrathoracic	Cardiac
VALVULOPLASTY, TRICUSPID	33464	Intrathoracic	Cardiac
REPLACE TRICUSPID VALVE	33465	Intrathoracic	Cardiac

Description	CPT code	RCRI categorization	Gupta Categorization:
REPLACEMENT, PULMONARY VALVE	33475	Intrathoracic	Cardiac
REVISION OF HEART CHAMBER	33476	Intrathoracic	Cardiac
REPAIR HEART VESSEL FISTULA	33501	Intrathoracic	Cardiac
CABG, VEIN, SINGLE	33510	Intrathoracic	Cardiac
CABG, VEIN, TWO	33511	Intrathoracic	Cardiac
CABG, VEIN, THREE	33512	Intrathoracic	Cardiac
CABG, VEIN, FOUR	33513	Intrathoracic	Cardiac
CABG, VEIN, FIVE	33514	Intrathoracic	Cardiac
CABG, VEIN, SIX OR MORE	33516	Intrathoracic	Cardiac
CABG, ARTERY-VEIN, SINGLE	33517	Intrathoracic	Cardiac
CABG, ARTERY-VEIN, TWO	33518	Intrathoracic	Cardiac
CABG, ARTERY-VEIN, THREE	33519	Intrathoracic	Cardiac
CABG, ARTERY-VEIN, FOUR	33521	Intrathoracic	Cardiac
CABG, ARTERY-VEIN, FIVE	33522	Intrathoracic	Cardiac
CABG, ART-VEIN, SIX OR MORE	33523	Intrathoracic	Cardiac
CABG, ARTERIAL, SINGLE	33533	Intrathoracic	Cardiac
CABG, ARTERIAL, TWO	33534	Intrathoracic	Cardiac
CABG, ARTERIAL, THREE	33535	Intrathoracic	Cardiac
CABG, ARTERIAL, FOUR OR MORE	33536	Intrathoracic	Cardiac
REMOVAL OF HEART LESION	33542	Intrathoracic	Cardiac
REPAIR OF HEART DAMAGE	33545	Intrathoracic	Cardiac
RESTORE/REMODEL, VENTRICLE	33548	Intrathoracic	Cardiac
OPEN CORONARY ENDARTERECTOMY	33572	Intrathoracic	Cardiac
CLOSURE OF VALVE	33602	Intrathoracic	Cardiac
REPAIR HEART SEPTUM DEFECT	33641	Intrathoracic	Cardiac
REVISION OF HEART VEINS	33645	Intrathoracic	Cardiac
REPAIR HEART SEPTUM DEFECTS	33647	Intrathoracic	Cardiac
REPAIR OF HEART DEFECTS	33665	Intrathoracic	Cardiac
REPAIR HEART SEPTUM DEFECT	33681	Intrathoracic	Cardiac
REPAIR GREAT VESSELS DEFECT	33774	Intrathoracic	Cardiac
REPAIR GREAT VESSELS DEFECT	33779	Intrathoracic	Cardiac
CARDIAC SURGERY PROCEDURE	33999	Intrathoracic	Cardiac
RECONSTRUCT VENA CAVA	34502	Intrathoracic	Cardiac
ARTIFIC DISC ADDL	0092T	None	Spinal
ARTIFIC DISKECTOMY ADDL	0095T	None	Spinal
LUMB ARTIF DISKECTOMY ADDL	0163T	None	Spinal
ARTHROD PRESAC INTERBODY EAC	0196T	None	Spinal
DRAINAGE OF HEMATOMA/FLUID	10140		
PUNCTURE DRAINAGE OF LESION	10160		
ENDOCRINE SURGERY PROCEDURE	60699		
ENDOVASC VISC EXTNSN REPR	0079T		

4. Categorization of surgeries according to anatomic site

Both RCRI and MICA categorize surgeries to aid in risk prediction. RCRI considers intraperitoneal, intrathoracic, or suprainguinal vascular surgeries to be at higher risk than others, while MICA uses a 21-category grouping in its logistic regression. Below are our categorizations of each included surgical procedure, in order of descending frequency.

Description	CPT code	RCRI categorization	Gupta Categorization:
LAPAROSCOPY, APPENDECTOMY	44970	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
LAPAROSCOPIC CHOLECYSTECTOMY	47562	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
PRP I/HERN INIT REDUC >5 YR	49505	Intraperitoneal	Hernia
LAP GASTRIC BYPASS/ROUX-EN-Y	43644	Intraperitoneal	Foregut/hepatopancreatobiliary
RECHANNELING OF ARTERY	35301	Suprainguinal vascular	Peripheral vascular
RPR VENTRAL HERN INIT, REDUC	49560	Intraperitoneal	Hernia
MAST, SIMPLE, COMPLETE	19303	None	Breast
LAP PLACE GASTR ADJ DEVICE	43770	Intraperitoneal	Bariatric
RPR UMBIL HERN, REDUC > 5 YR	49585	Intraperitoneal	Hernia
PARTIAL MASTECTOMY	19301	None	Breast
PARTIAL REMOVAL OF COLON	44140	Intraperitoneal	Intestines
LAPARO CHOLECYSTECTOMY/GRAPH	47563	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
EXCISION, BREAST LESION	19125	None	Breast
TOTAL KNEE ARTHROPLASTY	27447	None	Orthopedic
REMOVAL OF BREAST LESION	19120	None	Breast
REMOVAL OF THYROID	60240	None	Neck
LAPARO PARTIAL COLECTOMY	44204	Intraperitoneal	Intestines
REMOVAL OF SMALL INTESTINE	44120	Intraperitoneal	Intestines
EXPLORE PARATHYROID GLANDS	60500	None	Neck
LAP ING HERNIA REPAIR INIT	49650	Intraperitoneal	Hernia
MAST, MOD RAD	19307	None	Breast
APPENDECTOMY	44950	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
PARTIAL REMOVAL OF THYROID	60220	None	Neck
LAPAROSCOPY, FUNDOPLASTY	43280	Intraperitoneal	Bariatric
EXPLORATION OF ABDOMEN	49000	Intraperitoneal	Other abdomen
TOTAL HIP ARTHROPLASTY	27130	None	Orthopedic
RPR UMBIL HERN, BLOCK > 5 YR	49587	Intraperitoneal	Hernia
REMOVAL OF COLON	44160	Intraperitoneal	Intestines
RPR VENTRAL HERN INIT, BLOCK	49561	Intraperitoneal	Hernia
TOTAL HYSTERECTOMY	58150	None	Gynecologic
FREEING OF BOWEL ADHESION	44005	Intraperitoneal	Intestines
REMOVAL OF GALLBLADDER	47600	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
PARTIAL REMOVAL OF COLON	44145	Intraperitoneal	Intestines
LAP VENT/ABD HERNIA REPAIR	49652	Intraperitoneal	Hernia
REREPAIR VENTRL HERN, REDUCE	49565	Intraperitoneal	Hernia
PARTIAL REMOVAL OF COLON	44143	Intraperitoneal	Intestines
L COLECTOMY/COLOPROCTOSTOMY	44207	Intraperitoneal	Intestines
LAP COLECTOMY PART W/ILEUM	44205	Intraperitoneal	Intestines
KNEE ARTHROSCOPY/SURGERY	29881	None	Orthopedic
ENDOVAS AAA REPR W/2-P PART	34802	Intraperitoneal	Aortic
LAP INC HERNIA REPAIR	49654	Intraperitoneal	Hernia
AMPUTATION OF LOWER LEG	27880	None	Orthopedic
REPAIR BOWEL OPENING	44625	Intraperitoneal	Intestines
ENDOVENOUS RF, 1ST VEIN	36475	None	Vein
LAPARO RADICAL PROSTATECTOMY	55866	Intraperitoneal	Urologic
LOW BACK DISK SURGERY	63030	None	Spinal
P-MASTECTOMY W/LN REMOVAL	19302	None	Breast
REPAIR BLADDER DEFECT	57288	None	Urologic
REPAIR BOWEL OPENING	44620	Intraperitoneal	Intestines
AMPUTATE LEG AT THIGH	27590	None	Orthopedic
ARTERY BYPASS GRAFT	35556	Suprainguinal vascular	Peripheral vascular

Description	CPT code	RCRI categorization	Gupta Categorization:
LAPAROSCOPE PROC, STOM	43659	Intraperitoneal	Bariatric
LAP, ENTEROLYSIS	44180	Intraperitoneal	Intestines
ARTERY BYPASS GRAFT	35656	None	Peripheral vascular
INCISION OF RECTAL ABSCESS	46040	None	Anorectal
PRP I/HERN INIT BLOCK >5 YR	49507	Intraperitoneal	Hernia
REPAIR BOWEL OPENING	44626	Intraperitoneal	Intestines
PARTIAL REMOVAL OF LIVER	47120	Intraperitoneal	Foregut/hepatopancreatobiliary
PARTIAL REMOVAL OF PANCREAS	48150	Intraperitoneal	Foregut/hepatopancreatobiliary
VAGINAL HYSTERECTOMY	58260	None	Gynecologic
REREPAIR ING HERNIA, REDUCE	49520	Intraperitoneal	Hernia
REMOVAL OF TONSILS	42826	None	ENT
ENDOVAS AAA REPR W/3-P PART	34803	Intraperitoneal	Aortic
PROSTATECTOMY (TURP)	52601	Intraperitoneal	Urologic
PARTIAL REMOVAL OF PANCREAS	48140	Intraperitoneal	Foregut/hepatopancreatobiliary
APPENDECTOMY	44960	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REREPAIR VENTRL HERN, BLOCK	49566	Intraperitoneal	Hernia
REMOVAL OF COLON	44150	Intraperitoneal	Intestines
REMOVAL OF SPINAL LAMINA	63047	None	Spinal
ARTERY BYPASS GRAFT	35566	None	Peripheral vascular
EXCISION OF RECTAL LESION	45170	None	Anorectal
REMOVAL OF THYROID	60252	None	Neck
PANCREATECTOMY	48153	Intraperitoneal	Foregut/hepatopancreatobiliary
REDUCTION OF LARGE BREAST	19318	None	Breast
GASTRIC BYPASS FOR OBESITY	43846	Intraperitoneal	Bariatric
PHLEB VEINS - EXTREM - TO 20	37765	None	Vein
RECHANNELING OF ARTERY	35371	None	Peripheral vascular
REMOVAL OF ARTERY CLOT	34201	None	Peripheral vascular
LIGATE/STRIP LONG LEG VEIN	37722	None	Vein
LAP VENT/ABD HERN PROC COMP	49653	Intraperitoneal	Hernia
COLOSTOMY	44320	Intraperitoneal	Intestines
PARTIAL REMOVAL OF COLON	44141	Intraperitoneal	Intestines
LUMBAR SPINE FUSION	22612	None	Spinal
PARTIAL REMOVAL OF COLON	44144	Intraperitoneal	Intestines
REPAIR DEFECT OF ARTERY	35081	Suprainguinal vascular	Aortic
LASER SURGERY OF PROSTATE	52648	Intraperitoneal	Urologic
NECK SPINE DISK SURGERY	63075	None	Spinal
LAPARO PROC, HERNIA REPAIR	49659	Intraperitoneal	Hernia
REMOVAL OF RECTUM	45110	None	Intestines
ARTHROSCOP ROTATOR CUFF REPR	29827	None	Orthopedic
SHOULDER ARTHROSCOPY/SURGERY	29826	None	Orthopedic
REPAIR OF STOMACH LESION	43840	Intraperitoneal	Intestines
ARTERY BYPASS GRAFT	35646	Suprainguinal vascular	Aortic
LAPAROSCOPY ADRENALECTOMY	60650	None	Gallbladder, appendix, adrenals, or spleen
LAPARO-VAG HYST INCL T/O	58552	None	Gynecologic
PARTIAL REMOVAL OF LUNG	32480	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32657	Intrathoracic	Nonesophageal thoracic
ENDOVENOUS LASER, 1ST VEIN	36478	None	Vein
RPR EPIGASTRIC HERN, REDUCE	49570	Intraperitoneal	Hernia
CYSTOSCOPY AND TREATMENT	52234	None	Urologic
PARTIAL THYROID EXCISION	60210	None	Neck
HEMORRHOIDOPEXY BY STAPLING	46947	None	Anorectal

Description	CPT code	RCRI categorization	Gupta Categorization:
KNEE ARTHROSCOPY/SURGERY	29880	None	Orthopedic
PHLEB VEINS - EXTREM 20+	37766	None	Vein
KNEE ARTHROSCOPY/SURGERY	29888	None	Orthopedic
VISUALIZATION OF CHEST	39400	Intrathoracic	Nonesophageal thoracic
ARTERY BYPASS GRAFT	35661	None	Peripheral vascular
AMPUTATION THRU METATARSAL	28805	None	Orthopedic
LAPAROSCOPY, BIOPSY	49321	Intraperitoneal	Other abdomen
CYSTOSCOPY AND TREATMENT	52235	None	Urologic
REMOVAL OF GALLBLADDER	47605	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
LAP ING HERNIA REPAIR RECUR	49651	Intraperitoneal	Hernia
LAPAROSCOPY, SPLENECTOMY	38120	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVE ARMPIT LYMPH NODES	38745	None	Skin
COMPLEX DRAINAGE, WOUND	10180	None	Skin
LAP INC HERN REPAIR COMP	49655	None	Hernia
LAP INC HERNIA REPAIR RECUR	49656	None	Hernia
PARTIAL REMOVAL OF COLON	44146	Intraperitoneal	Intestines
EXC SKIN ABD	15830	None	Skin
LAPARO-ASST VAG HYSTERECTOMY	58550	None	Gynecologic
TREAT THIGH FRACTURE	27236	None	Orthopedic
EXC NECK LES SC < 3 CM	21555	None	Skin
NECK SPINE FUSION	22554	None	Spinal
REMOVAL OF SPLEEN, TOTAL	38100	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
SKIN TISSUE REARRANGEMENT	14300	None	Skin
REVISE LEG VEIN	37700	None	Vein
LIGATION OF A-V FISTULA	37607	None	Peripheral vascular
REMOVAL OF LYMPH NODES, NECK	38724	None	ENT
REMOVAL OF STOMACH, PARTIAL	43632	Intraperitoneal	Bariatric
INCISION OF BREAST LESION	19020	None	Breast
EXC NECK TUM DEEP < 5 CM	21556	None	Neck
REOPENING OF ABDOMEN	49002	Intraperitoneal	Other abdomen
VASCULAR SURGERY PROCEDURE	37799	None	Peripheral vascular
REMOVAL OF OVARY/TUBE(S)	58720	None	Gynecologic
PARTIAL HYSTERECTOMY	58180	None	Gynecologic
REPAIR DEFECT OF ARTERY	35102	Suprainguinal vascular	Aortic
LAP MYOTOMY, HELLER	43279	Intraperitoneal	Bariatric
EXCISION, GRAFT, EXTREMITY	35903	None	Skin
TREAT THIGH FRACTURE	27245	None	Orthopedic
RECONSTRUCT SHOULDER JOINT	23472	None	Orthopedic
LAP, ENTERECTOMY	44202	Intraperitoneal	Intestines
EXC BACK TUM DEEP < 5 CM	22900	None	Skin
ARTERY BYPASS GRAFT	35571	None	Peripheral vascular
REMOVE TONSILS AND ADENOIDS	42821	None	ENT
EXC ABD TUM 5 CM OR LESS	49203	Intraperitoneal	Other abdomen
CYSTOSCOPY AND TREATMENT	52240	None	Urologic
LAPARO PROC, ABDM/PER/OMENT	49329	Intraperitoneal	Other abdomen
REMOVAL OF BRAIN LESION	61510	None	Brain
REVISION OF KNEE JOINT	27446	None	Orthopedic
REMOVAL OF STOMACH, PARTIAL	43633	Intraperitoneal	Bariatric
REDUCE BOWEL OBSTRUCTION	44050	Intraperitoneal	Intestines
TLH W/T/O 250 G OR LESS	58571	None	Gynecologic
EXC ABD TUM OVER 10 CM	49205	Intraperitoneal	Other abdomen

Description	CPT code	RCRI categorization	Gupta Categorization:
MAST, SUBQ	19304	None	Breast
SUTURE, SMALL INTESTINE	44602	Intraperitoneal	Intestines
REPAIR DEFECT OF ARTERY	35141	None	Peripheral vascular
GASTROPLASTY W/O V-BAND	43843	Intraperitoneal	Bariatric
REPEAT THYROID SURGERY	60260	None	Neck
ARTERY BYPASS GRAFT	35666	None	Peripheral vascular
RECHANNELING OF ARTERY	35302	None	Peripheral vascular
ABDOMEN SURGERY PROCEDURE	49999	Intraperitoneal	Other abdomen
VAG HYST INCLUDING T/O	58262	None	Gynecologic
REPAIR PARAESOPHAGEAL HERNIA	39502	None	Foregut/hepatopancreatobiliary
GASTROPLASTY DUODENAL SWITCH	43845	Intraperitoneal	Bariatric
PARTIAL REMOVAL OF LIVER	47130	Intraperitoneal	Foregut/hepatopancreatobiliary
EXCISE PAROTID GLAND/LESION	42415	None	ENT
LAP, COLOSTOMY	44188	Intraperitoneal	Intestines
ENDOVAS AAA REPR W/SM TUBE	34800	Intraperitoneal	Aortic
INCISION OF RECTAL ABSCESS	46060	None	Anorectal
DRAIN ABDOMINAL ABSCESS	49020	Intraperitoneal	Other abdomen
EXCISION OF RECTAL PROLAPSE	45130	None	Intestines
REVISE/REPLACE KNEE JOINT	27487	None	Orthopedic
LSH, UTERUS 250 G OR LESS	58541	None	Gynecologic
RPR EPIGASTRIC HERN, BLOCKED	49572	Intraperitoneal	Hernia
LAMINOTOMY, SINGLE LUMBAR	63042	None	Spinal
FUSION OF STOMACH AND BOWEL	43820	Intraperitoneal	Bariatric
BOWEL TO BOWEL FUSION	44130	Intraperitoneal	Intestines
ILEOSTOMY/JEJUNOSTOMY	44310	Intraperitoneal	Intestines
LAP RMVL GASTR ADJ ALL PARTS	43774	Intraperitoneal	Bariatric
RPR FEM HERNIA, INIT BLOCKED	49553	None	Hernia
THORACOSCOPY, SURGICAL	32663	Intrathoracic	Other abdomen
ENLARGE BREAST WITH IMPLANT	19325	None	Breast
REMOVAL OF COLON/ILEOSTOMY	44155	Intraperitoneal	Intestines
REMOVAL OF ARTERY CLOT	34101	Suprainguinal vascular	Peripheral vascular
LAP, CLOSE ENTEROSTOMY	44227	Intraperitoneal	Intestines
REVISION OF COLOSTOMY	44346	Intraperitoneal	Intestines
PARTIAL REMOVAL OF THYROID	60225	None	Neck
THORACOSCOPY, SURGICAL	32650	Intrathoracic	Other abdomen
VEIN BYPASS GRAFT	35583	Suprainguinal vascular	Vein
LAP GASTR BYPASS INCL SMLL I	43645	Intraperitoneal	Bariatric
LAPAROSCOPE PROCEDURE, LIVER	47379	Intraperitoneal	Foregut/hepatopancreatobiliary
DEBRIDE ABDOM WALL	11005	None	Skin
LUMBAR SPINE FUSION	22630	None	Spinal
HERNIA REPAIR W/MESH	49568	None	Hernia
DRAIN THIGH/KNEE LESION	27301	None	Skin
REREPAIR ING HERNIA, BLOCKED	49521	Intraperitoneal	Hernia
AMPUTATION OF LOWER LEG	27882	None	Orthopedic
VEIN BYPASS GRAFT	35585	None	Vein
FUSE BILE DUCTS AND BOWEL	47780	Intraperitoneal	Foregut/hepatopancreatobiliary
LAPARO TOTAL PROCTOCOLECTOMY	44210	Intraperitoneal	Intestines
PARTIAL REMOVAL OF KIDNEY	50240	None	Urologic
REPAIR OF VAGINA	57260	None	Gynecologic
REPAIR ING HERNIA, SLIDING	49525	Intraperitoneal	Hernia
REMOVAL OF STOMACH	43621	Intraperitoneal	Foregut/hepatopancreatobiliary

Description	CPT code	RCRI categorization	Gupta Categorization:
PARTIAL REMOVAL OF RECTUM	45111	None	Intestines
RESECT/DEBRIDE PANCREAS	48105	Intraperitoneal	Foregut/hepatopancreatobiliary
PARTIAL HIP REPLACEMENT	27125	None	Orthopedic
MUSCLE-SKIN GRAFT, TRUNK	15734	None	Skin
REPAIR BOWEL-SKIN FISTULA	44640	Intraperitoneal	Intestines
LAP INSERTION PERM IP CATH	49324	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR PALATE, PHARYNX/UVULA	42145	None	ENT
REMOVAL OF HYDROCELE	55040	None	Gynecologic
ENDOVAS AAA REPR W/1-P PART	34804	Intraperitoneal	Aortic
REMOVAL OF THYROID	60271	None	Neck
REPAIR BLADDER & VAGINA	57240	None	Urologic
RPR REM HERNIA, INIT, REDUCE	49550	None	Hernia
MAST, RADICAL	19305	None	Breast
REVISE HIP JOINT REPLACEMENT	27134	None	Orthopedic
REVISE BREAST RECONSTRUCTION	19380	None	Breast
REVISION GASTROPLASTY	43848	Intraperitoneal	Bariatric
LSH W/T/O UT 250 G OR LESS	58542	None	Gynecologic
TREATMENT OF ANKLE FRACTURE	27814	None	Orthopedic
ENDOVASC TAA REPR W/O SUBCL	33881	Intraperitoneal	Aortic
REPAIR DEFECT OF ARTERY	35091	Intraperitoneal	Aortic
TLH, UTERUS 250 G OR LESS	58570	None	Gynecologic
EXC ABD TUM OVER 5 CM	49204	None	Other abdomen
NIPPLE EXPLORATION	19110	None	Breast
TREAT THIGH FRACTURE	27244	None	Orthopedic
RECHANNELING OF ARTERY	35372	None	Peripheral vascular
KNEE ARTHROSCOPY/SURGERY	29877	None	Orthopedic
REMOVAL OF STOMACH, PARTIAL	43631	Intraperitoneal	Foregut/hepatopancreatobiliary
BREAST RECONSTRUCTION	19357	None	Breast
LAPAROSCOPIC NEPHRECTOMY	50546	None	Urologic
EXTENSIVE PROSTATE SURGERY	55845	Intraperitoneal	Urologic
ARTERY BYPASS GRAFT	35665	None	Peripheral vascular
REVISE ESOPHAGUS & STOMACH	43324	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF BREAST CAPSULE	19371	None	Breast
RECHANNELING OF ARTERY	35355	None	Peripheral vascular
COLECTOMY W/NEO-RECTUM POUCH	44158	Intraperitoneal	Intestines
SUSPENSION OF BREAST	19316	None	Breast
TREATMENT OF ANKLE FRACTURE	27792	None	Orthopedic
PARTIAL REMOVAL OF LIVER	47125	Intraperitoneal	Foregut/hepatopancreatobiliary
LUMBAR SPINE FUSION	22558	None	Spinal
ENDOVAS AAA REPR W/LONG TUBE	34805	Intraperitoneal	Aortic
REPAIR RECTUM & VAGINA	57250	None	Urologic
REPAIR BLOOD VESSEL LESION	35226	None	Peripheral vascular
LAP PART COLECTOMY W/STOMA	44206	Intraperitoneal	Intestines
PANCREAS SURGERY PROCEDURE	48999	Intraperitoneal	Foregut/hepatopancreatobiliary
LAP INC HERN RECUR COMP	49657	None	Hernia
LAPARO PARTIAL NEPHRECTOMY	50543	None	Urologic
DELAYED BREAST PROSTHESIS	19342	None	Breast
REMOVAL OF CLOT IN GRAFT	35876	None	Peripheral vascular
TREAT THIGH FRACTURE	27235	None	Orthopedic
REPAIR ARTERY RUPTURE, AORTA	35082	Intraperitoneal	Aortic

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVAL OF LEG ARTERY CLOT	34203	None	Peripheral vascular
L COLECTOMY/COLOPROCTOSTOMY	44208	Intraperitoneal	Intestines
LAP COLECTOMY W/PROCTECTOMY	44211	Intraperitoneal	Intestines
REMOVE WRIST TENDON LESION	25111	None	Orthopedic
MYOMECTOMY ABDOM METHOD	58140	None	Gynecologic
THORACOABDOMINAL GRAFT	33877	Intraperitoneal	Aortic
REMOVAL OF GALLBLADDER	47610	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
LAPARO RADICAL NEPHRECTOMY	50545	None	Urologic
REMOVAL OF CLOT IN GRAFT	35875	None	Peripheral vascular
EXTENSIVE REMOVAL OF LIVER	47122	Intraperitoneal	Foregut/hepatopancreatobiliary
REVISE STOMACH-BOWEL FUSION	43860	Intraperitoneal	Foregut/hepatopancreatobiliary
SHOULDER ARTHROSCOPY/SURGERY	29807	None	Orthopedic
REMOVE GROIN LYMPH NODES	38760	None	Skin
REMOVAL KIDNEY OPEN, RADICAL	50230	None	Urologic
REMOVE MESH FROM ABD WALL	11008	None	Other abdomen
REPAIR ROTATOR CUFF, CHRONIC	23412	None	Orthopedic
EXC THIGH/KNEE LES SC < 3 CM	27327	None	Skin
REVISION OF ILEOSTOMY	44314	Intraperitoneal	Intestines
RE-EXPLORE PARATHYROIDS	60502	None	Neck
REMOVAL OF SMALL INTESTINE	44125	Intraperitoneal	Intestines
REPAIR DEFECT OF ARTERY	35151	None	Peripheral vascular
REPAIR SPIGELIAN HERNIA	49590	None	Hernia
DRAIN NECK/CHEST LESION	21501	None	Skin
BREAST RECONSTRUCTION	19350	None	Breast
DRAIN LOWER LEG LESION	27603	None	Skin
DIAPHRAGM SURGERY PROCEDURE	39599	Intrathoracic	Nonesophageal thoracic
TREAT ECTOPIC PREGNANCY	59151	None	Gynecologic
PARTIAL PROCTECTOMY	45113	None	Intestines
LAPAROSCOPE PROC, INTESTINE	44238	Intraperitoneal	Intestines
RECTUM SURGERY PROCEDURE	45999	None	Intestines
PARTIAL REMOVAL OF LUNG	32500	Intrathoracic	Nonesophageal thoracic
LAPAROSCOPE PROC, ESOPH	43289	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVE KIDNEY, OPEN	50220	None	Urologic
REMOVAL OF SPINAL LAMINA	63005	None	Spinal
REMOVAL OF BREAST TISSUE	19300	None	Breast
EXPLORE LIMB VESSELS	35860	None	Peripheral vascular
REMOVAL OF VERTEBRAL BODY	63081	None	Orthopedic
ARTERY BYPASS GRAFT	35558	None	Peripheral vascular
EXTENSIVE HYSTERECTOMY	58210	None	Gynecologic
REMOVAL OF ESOPHAGUS	43107	None	Foregut/hepatopancreatobiliary
SHOULDER ARTHROSCOPY/SURGERY	29806	None	Orthopedic
DEBRIDE GENITALIA & PERINEUM	11004	None	Skin
RECONSTRUCT SHOULDER JOINT	23470	None	Orthopedic
TOTAL HYSTERECTOMY	58152	None	Gynecologic
RESECT BACK TUM < 5 CM	21935	None	Skin
ARTERY BYPASS GRAFT	35606	Suprainguinal vascular	Peripheral vascular
DRAINAGE OF PELVIS LESION	26990	None	Skin
REVISE/REPLACE KNEE JOINT	27486	None	Orthopedic
ENDOVASC TAA REPR INCL SUBCL	33880	Intrathoracic	Aortic
LAP REVISE GASTR ADJ DEVICE	43771	Intraperitoneal	Bariatric

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR EARDRUM STRUCTURES	69631	None	ENT
REMOVAL OF RIB	21615	None	Nonesophageal thoracic
EXPLORE ADRENAL GLAND	60540	None	Gallbladder, appendix, adrenals, or spleen
EXPLORATION BEHIND ABDOMEN	49010	None	Other abdomen
DEBRIDE INFECTED SKIN	11000	None	Skin
LAPAROSCOPY, ASPIRATION	49322	Intraperitoneal	Other abdomen
REPAIR WRIST JOINT(S)	25447	None	Orthopedic
XPOSE FOR ENDOPROSTH, FEMORL	34812	None	Peripheral vascular
EXTENSIVE REPAIR OF VAGINA	57265	None	Gynecologic
LAP REPLACE GASTR ADJ DEVICE	43773	Intraperitoneal	Bariatric
REVISION OF ILEOSTOMY	44312	Intraperitoneal	Intestines
REMOVE RECTUM W/RESERVOIR	45119	None	Intestines
OPEN SKULL FOR DRAINAGE	61312	None	ENT
RESECT NECK TUM < 5 CM	21557	None	Skin
NECK SPINE DISK SURGERY	63020	None	Spinal
ENDOVASC EXTEND PROSTH, INIT	34825	Intraperitoneal	Intestines
LAP, REMOVAL OF RECTUM	45395	None	Intestines
REMOVAL OF OVARIAN CYST(S)	58925	None	Gynecologic
AMPUTATION FOLLOW-UP SURGERY	27886	None	Orthopedic
INCISION OF DEEP ABSCESS	20005	None	Skin
PARTIAL REMOVAL OF ESOPHAGUS	43117	Intraperitoneal	Foregut/hepatopancreatobiliary
STOMACH SURGERY PROCEDURE	43999	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR OF ANAL SPHINCTER	46750	None	Anorectal
TREAT FX RADIAL 3+ FRAG	25609	None	Orthopedic
LAP, ILEO/JEJUNO-STOMY	44187	Intraperitoneal	Intestines
REVISION OF COLOSTOMY	44345	Intraperitoneal	Intestines
EXC THIGH/KNEE TUM DEEP <5CM	27328	None	Skin
ARTERY BYPASS GRAFT	35654	Suprainguinal vascular	Peripheral vascular
SHOULDER ARTHROSCOPY/SURGERY	29824	None	Orthopedic
DIST REVAS LIGATION, HEMO	36838	Suprainguinal vascular	Peripheral vascular
RESECT THIGH/KNEE TUM < 5 CM	27329	None	Skin
REMOVAL OF SPINAL LAMINA	63045	None	Spinal
TREAT HUMERUS FRACTURE	23615	None	Orthopedic
TREATMENT OF ANKLE FRACTURE	27822	None	Orthopedic
REMOVE ARMPIT LYMPH NODES	38740	None	Skin
EXC ARM/ELBOW LES SC < 3 CM	24075	None	Skin
EXTENSIVE HYSTERECTOMY	58200	None	Gynecologic
REMOVE FOREIGN BODY	10121	None	Skin
THORACOSCOPY, SURGICAL	32651	Intrathoracic	Other abdomen
REPAIR OF RECTOCELE	45560	None	Intestines
REMOVE BRAIN LINING LESION	61512	None	Brain
EXCISION OF STOMACH LESION	43610	None	Foregut/hepatopancreatobiliary
PARTIAL REMOVAL OF COLON	44147	Intraperitoneal	Intestines
REMOVAL OF OMENTUM	49255	Intraperitoneal	Other abdomen
GASTRIC BYPASS INCL SMALL I	43847	Intraperitoneal	Foregut/hepatopancreatobiliary
EXC SKIN ABD ADD-ON	15847	None	Skin
EXC SHOULDER TUM DEEP < 5 CM	23076	None	Skin
KNEE ARTHROSCOPY/SURGERY	29879	None	Orthopedic
ENDOVASC ILIAC REPR W/GRAFT	34900	Intraperitoneal	Peripheral vascular
LAP, REMOVE RECTUM W/POUCH	45397	None	Anorectal

Description	CPT code	RCRI categorization	Gupta Categorization:
REVISION OF BLADDER NECK	52500	None	Urologic
AMPUTATION FOLLOW-UP SURGERY	27596	None	Orthopedic
LAPARO CHOLECYSTECTOMY/EXPLR	47564	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
LAP RMVL GASTR ADJ DEVICE	43772	Intraperitoneal	Bariatric
CORRECT RECTAL PROLAPSE	45540	None	Intestines
EXCISION OF STOMACH LESION	43611	Intraperitoneal	Foregut/hepatopancreatobiliary
REVISION OF COLOSTOMY	44340	Intraperitoneal	Intestines
LAPARO ABLATE LIVER TUMOR RF	47370	Intraperitoneal	Foregut/hepatopancreatobiliary
EXTENSIVE THYROID SURGERY	60254	None	Neck
TREAT FX RAD EXTRA-ARTICUL	25607	None	Orthopedic
REPAIR ACHILLES TENDON	27650	None	Orthopedic
EXPLORE SMALL INTESTINE	44020	Intraperitoneal	Intestines
INCISION OF RECTAL ABSCESS	46045	None	Intestines
SUTURE, LARGE INTESTINE	44604	Intraperitoneal	Intestines
KNEE ARTHROSCOPY/SURGERY	29875	None	Orthopedic
EXPLORATION/BIOPSY OF CHEST	32100	Intrathoracic	Nonesophageal thoracic
DRAINAGE OF RECTAL ABSCESS	45005	Intraperitoneal	Anorectal
LAPAROSCOPY, SURG, COLPOPEXY	57425	None	Gynecologic
ARTERY BYPASS GRAFT	35631	Suprainguinal vascular	Peripheral vascular
CRYOABLATE PROSTATE	55873	Intraperitoneal	Urologic
PARTIAL REMOVAL OF VULVA	56620	None	Gynecologic
EXCISE PAROTID GLAND/LESION	42420	None	ENT
REPAIR OF ABDOMINAL WALL	49900	Intraperitoneal	Other abdomen
EXC HIP/PELVIS LES SC < 3 CM	27047	None	Skin
REVISE HIP JOINT REPLACEMENT	27137	None	Orthopedic
REPAIR RECTUM/REMOVE SIGMOID	45550	None	Intestines
REMOVE BLADDER/REVISE TRACT	51595	None	Urologic
ARTERY BYPASS GRAFT	35621	Suprainguinal vascular	Peripheral vascular
EXCISE SUBMAXILLARY GLAND	42440	None	ENT
TOTAL HIP ARTHROPLASTY	27132	None	Orthopedic
HIP ARTHROSCOPY/SURGERY	29862	None	Orthopedic
PANCREATECTOMY	48152	Intraperitoneal	Foregut/hepatopancreatobiliary
RECHANNELING OF ARTERY	35351	Suprainguinal vascular	Peripheral vascular
REVISE GRAFT W/VEIN	35879	None	Peripheral vascular
INSRT/REDO NEUROSTIM 1 ARRAY	61885	None	Brain
RESECT FACE TUM < 2 CM	21015	None	Skin
REMOVAL OF RECTUM	45112	None	Intestines
REPAIR RECTUM-VAGINA FISTULA	57300	None	Intestines
TREAT METACARPAL FRACTURE	26615	None	Orthopedic
TREAT KNEECAP FRACTURE	27524	None	Orthopedic
AMPUTATE LEG AT THIGH	27592	None	Orthopedic
REVISE GRAFT W/NONAUTO GRAFT	35883	None	Peripheral vascular
PARTIAL PROCTECTOMY	45123	None	Anorectal
REVISION OF KNEE JOINT	27440	None	Orthopedic
ASCENDING AORTIC GRAFT	33860	Suprainguinal vascular	Aortic
MUSCLE-SKIN GRAFT, LEG	15738	None	Skin
TREAT CLAVICLE FRACTURE	23515	None	Orthopedic
EXTENSIVE PROSTATE SURGERY	55840	None	Urologic
ANUS SURGERY PROCEDURE	46999	None	Anorectal
TREATMENT OF TIBIA FRACTURE	27759	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
FUSE BILE DUCTS AND BOWEL	47785	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
LAPARO-VAG HYST W/T/O, COMPL	58554	None	Gynecologic
REPAIR ROTATOR CUFF, ACUTE	23410	None	Orthopedic
LAPAROSCOPY, LYMPH NODE BIOP	38570	None	Skin
EXCISE INTESTINE LESION(S)	44110	Intraperitoneal	Intestines
UNLISTED PROCEDURE INTESTINE	44799	Intraperitoneal	Intestines
MALE SLING PROCEDURE	53440	None	Gynecologic
REMOVE EPIDIDYMIS LESION	54840	None	Gynecologic
REMOVAL OF FALLOPIAN TUBE	58700	None	Gynecologic
REPAIR OF SHOULDER	23420	None	Orthopedic
RELEASE PALM CONTRACTURE	26123	None	Skin
THORACOSCOPY, SURGICAL	32652	Intrathoracic	Other abdomen
BLOOD/LYMPH SYSTEM PROCEDURE	38999	None	Skin
LSH UTERUS ABOVE 250 G	58543	None	Gynecologic
ARTERY BYPASS GRAFT	35638	Suprainguinal vascular	Peripheral vascular
FUSE BILE DUCTS AND BOWEL	47760	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
FUSE PANCREAS CYST AND BOWEL	48520	Intraperitoneal	Foregut/hepatopancreatobiliary
CONIZATION OF CERVIX	57522	None	Gynecologic
REMOVAL OF OVARY(S)	58940	None	Gynecologic
REPAIR BLOOD VESSEL LESION	35190	None	Peripheral vascular
REMOVAL OF STOMACH	43620	Intraperitoneal	Foregut/hepatopancreatobiliary
LAPARO TOTAL PROCTOCOLECTOMY	44212	Intraperitoneal	Intestines
OPEN ABLATE LIVER TUMOR RF	47380	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVE FOREIGN BODY, ADBOMEN	49402	Intraperitoneal	Other abdomen
EXTENSIVE PROSTATE SURGERY	55842	None	Urologic
REMOVAL OF PITUITARY GLAND	61548	None	Brain
EX ARM/ELBOW TUM DEEP < 5 CM	24076	None	Skin
REMOVAL OF ESOPHAGUS	43112	None	Foregut/hepatopancreatobiliary
I & D OF VULVA/PERINEUM	56405	None	Gynecologic
MYOMECTOMY ABDOM COMPLEX	58146	None	Gynecologic
TREATMENT OF THIGH FRACTURE	27506	None	Orthopedic
ARTERY BYPASS GRAFT	35540	None	Peripheral vascular
EXPLORE ABDOMINAL VESSELS	35840	Intraperitoneal	Other abdomen
EXCISE PAROTID GLAND/LESION	42410	None	ENT
COLECTOMY W/ILEOANAL ANAST	44157	Intraperitoneal	Intestines
DRAIN, OPEN, RETROP ABSCESS	49060	None	Other abdomen
REMOVE THYROID LESION	60200	None	Neck
KNEE ARTHROSCOPY/SURGERY	29876	None	Orthopedic
LAP RADICAL HYST	58548	None	Gynecologic
SKIN FULL GRFT FACE/GENIT/HF	15240	None	Skin
PARTIAL REMOVAL OF ESOPHAGUS	43122	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVE PROSTATE REGROWTH	52630	None	Gynecologic
RELEASE OF LUNG	32220	Intrathoracic	Nonesophageal thoracic
REPAIR DEFECT OF ARTERY	35001	Suprainguinal vascular	Peripheral vascular
SHOULDER ARTHROSCOPY/SURGERY	29823	None	Orthopedic
REMOVE SHOULDER BONE, PART	23130	None	Orthopedic
DECOMPRESSION OF LOWER LEG	27602	None	Orthopedic
TREAT KNEE FRACTURE	27535	None	Orthopedic
REPAIR ARTERY RUPTURE, GROIN	35103	None	Peripheral vascular
REPAIR A-V ANEURYSM	36834	None	Peripheral vascular

Description	CPT code	RCRI categorization	Gupta Categorization:
LIGATE/STRIP SHORT LEG VEIN	37718	None	Vein
REPAIR BOWEL-BLADDER FISTULA	44661	None	Intestines
LAPAROSCOPIC PROC	45400	None	Anorectal
DECOMPRESS SPINAL CORD	63056	None	Spinal
REMOVAL OF KNEE PROSTHESIS	27488	None	Orthopedic
THORACOSCOPY, SURGICAL	32655	Intrathoracic	Nonesophageal thoracic
LAP PROCTOPEXY W/SIG RESECT	45402	Intraperitoneal	Intestines
DILATION OF ANAL SPHINCTER	45905	None	Anorectal
TREAT FX RAD INTRA-ARTICUL	25608	None	Orthopedic
ASCENDING AORTIC GRAFT	33863	Intrathoracic	Aortic
ARTERY BYPASS GRAFT	35647	Suprainguinal vascular	Peripheral vascular
SUTURE, SMALL INTESTINE	44603	Intraperitoneal	Intestines
INTESTINAL STRICTUROPLASTY	44615	Intraperitoneal	Intestines
VAG HYST W/ENTEROCELE REPAIR	58270	None	Gynecologic
SKIN FULL GRAFT SCLP/ARM/LEG	15220	None	Skin
LAPARO-VAG HYST, COMPLEX	58553	None	Gynecologic
REMOVAL OF BRAIN LESION	61518	None	Brain
NECK SPINE FUSION	22600	None	Spinal
PARTIAL REMOVAL OF PANCREAS	48145	Intraperitoneal	Foregut/hepatopancreatobiliary
PUNCTURE, PERITONEAL CAVITY	49080	Intraperitoneal	Other abdomen
LAPARO REMOVE W/URETER	50548	None	Urologic
REVISION OF ARM NERVE(S)	64713	None	Peripheral vascular
EXPLORATION OF ARTERY/VEIN	35761	None	Peripheral vascular
DRAINAGE OF RECTAL ABSCESS	45020	None	Intestines
UROLOGY SURGERY PROCEDURE	53899	None	Urologic
IMMEDIATE BREAST PROSTHESIS	19340	None	Breast
RESECT LEG/ANKLE TUM < 5 CM	27615	None	Skin
REMOVAL OF LYMPH NODES, NECK	38720	None	Skin
LAP REVISION PERM IP CATH	49325	Intraperitoneal	Other abdomen
INSERT URO/VES NCK SPHINCTER	53445	None	Urologic
SKIN FULL GRAFT EEN & LIPS	15260	None	Skin
EXC HIP/PELV TUM DEEP < 5 CM	27048	None	Skin
EXPLORATION, FEMORAL ARTERY	35721	None	Peripheral vascular
CORRECT RECTAL PROLAPSE	45541	None	Intestines
PARTIAL THYROID EXCISION	60212	None	Neck
REPAIR DEFECT OF ARTERY	35011	Suprainguinal vascular	Peripheral vascular
REMOVAL OF PANCREAS LESION	48120	Intraperitoneal	Foregut/hepatopancreatobiliary
LAPARO NEW URETER/BLADDER	50947	None	Urologic
SUSPENSION OF VAGINA	57280	None	Gynecologic
REMOVE THYROID DUCT LESION	60280	None	Neck
BREAST RECONSTR W/LAT FLAP	19361	None	Breast
RESECT ARM/ELBOW TUM < 5 CM	24077	None	Skin
RESECT HIP/PELV TUM < 5 CM	27049	None	Skin
TREATMENT OF FOOT INFECTION	28003	None	Skin
COLPOPEXY, EXTRAPERITONEAL	57282	None	Gynecologic
TAH, RAD DISSECT FOR DEBULK	58953	None	Gynecologic
TAH RAD DEBULK/LYMPH REMOVE	58954	None	Skin
SPINE FUSION, EXTRA SEGMENT	22614	None	Spinal
BIOPSY THROUGH CHEST WALL	32095	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32664	Intrathoracic	Nonesophageal thoracic

Description	CPT code	RCRI categorization	Gupta Categorization:
TREAT ECTOPIC PREGNANCY	59120	None	Gynecologic
REVISE ARM/LEG NERVE	64708	None	Skin
DEBRIDE GENIT/PER/ABDOM WALL	11006	None	Skin
REVISE GRAFT W/VEIN	35881	None	Peripheral vascular
PARTIAL REMOVAL OF TONGUE	41120	None	ENT
VAG HYST COMPLEX	58290	None	Gynecologic
TLH, UTERUS OVER 250 G	58572	None	Gynecologic
REPAIR BLOOD VESSEL LESION	35206	None	Peripheral vascular
REOPERATION, BYPASS GRAFT	35700	None	Peripheral vascular
LSH W/T/O UTERUS ABOVE 250 G	58544	None	Gynecologic
EXCISE INTRASPINAL LESION	63267	None	Spinal
SURGERY OF BREAST CAPSULE	19370	None	Breast
AMPUTATION FOLLOW-UP SURGERY	27884	None	Orthopedic
RECHANNELING OF ARTERY	35303	None	Peripheral vascular
REVISE GASTRIC PORT, OPEN	43886	Intraperitoneal	Bariatric
REMOVAL OF SPINAL LAMINA	63015	None	Spinal
ABDOMEN SURGERY PROCEDURE	22999	None	Other abdomen
LARYNX SURGERY PROCEDURE	31599	None	ENT
REPAIR OF ESOPHAGUS	43330	None	Foregut/hepatopancreatobiliary
SURGICAL REPAIR OF STOMACH	43501	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR OF ANAL STRICTURE	46700	None	Anorectal
FUSE PANCREAS AND BOWEL	48548	Intraperitoneal	Foregut/hepatopancreatobiliary
TREAT LOWER JAW FRACTURE	21462	None	Orthopedic
TREAT ULNAR FRACTURE	24685	None	Orthopedic
EXC LEG/ANKLE TUM DEEP <5 CM	27619	None	Skin
KNEE ARTHROSCOPY/SURGERY	29873	None	Orthopedic
CHANGE GASTRIC PORT, OPEN	43888	Intraperitoneal	Bariatric
EXCISION OF BOWEL POUCH	44800	Intraperitoneal	Intestines
REMOVAL OF GALLBLADDER	47612	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVE SPINAL LAMINA ADD-ON	63048	None	Spinal
SHOULDER ARTHROSCOPY/SURGERY	29822	None	Orthopedic
REMOVAL OF STOMACH, PARTIAL	43634	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR STOMACH OPENING	43870	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF BREAST IMPLANT	19328	None	Breast
PELVIS/HIP JOINT SURGERY	27299	None	Orthopedic
REMOVAL OF ARTERY CLOT	34151	Suprainguinal vascular	Peripheral vascular
CYSTOSCOPY AND TREATMENT	52320	None	Urologic
REMOVAL OF CHEST WALL LESION	19260	Intrathoracic	Nonesophageal thoracic
REMOVAL OF ESOPHAGUS POUCH	43130	None	Foregut/hepatopancreatobiliary
REMOVAL OF PANCREAS	48155	Intraperitoneal	Foregut/hepatopancreatobiliary
SURGERY FOR VULVA LESION	56440	None	Gynecologic
REMOVAL OF SPINAL LAMINA	63017	None	Orthopedic
RESECT SHOULDER TUM < 5 CM	23077	None	Skin
LAPAROSCOPY, PYELOPLASTY	50544	None	Urologic
MAST, RAD, URBAN TYPE	19306	None	Breast
CORRECT MALROTATION OF BOWEL	44055	None	Urologic
INCISE & DRAIN BLADDER	51040	None	Urologic
BREAST RECONSTRUCTION	19367	None	Breast
OPTX MEDIAL ANKLE FX	27766	None	Orthopedic
WRIST ARTHROSCOPY/SURGERY	29846	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
INCISION OF TENDON SHEATH	25000	None	Orthopedic
EXPLORATION OF KNEE JOINT	27310	None	Orthopedic
EXC LEG/ANKLE TUM < 3 CM	27618	None	Skin
APPENDECTOMY ADD-ON	44955	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
INCISE BLADDER/DRAIN URETER	51045	None	Urologic
REVISE HIP JOINT REPLACEMENT	27138	None	Orthopedic
REPAIR OF DIAPHRAGM HERNIA	39520	Intrathoracic	Hernia
RECONSTRUCTION OF PYLORUS	43800	Intraperitoneal	Foregut/hepatopancreatobiliary
MOBILIZATION OF COLON	44139	Intraperitoneal	Intestines
REPR OF ANAL FISTULA W/GLUE	46706	None	Anorectal
REMOVE URETER CALCULUS	51065	None	Urologic
REMOVE BLADDER/REVISE TRACT	51590	None	Urologic
REPAIR PARAVAG DEFECT, VAG	57285	None	Gynecologic
INCISE SKULL FOR BRAIN WOUND	61458	None	ENT
REMOVAL OF SPINAL LAMINA	63001	None	Spinal
MUSCLE-SKIN GRAFT, HEAD/NECK	15732	None	Skin
EXPLORE WOUND, EXTREMITY	20103	None	Skin
I&D, P-SPINE, L/S/LS	22015	None	Spinal
TREATMENT OF THIGH FRACTURE	27507	None	Orthopedic
PARTIAL RELEASE OF LUNG	32225	Intrathoracic	Nonesophageal thoracic
FREE/REMOVE CHEST LINING	32320	Intrathoracic	Nonesophageal thoracic
REPAIR BLOOD VESSEL LESION	35221	Suprainguinal vascular	Peripheral vascular
EXTENSIVE PROSTATE SURGERY	55810	Intraperitoneal	Urologic
REMOVE VAGINA LESION	57135	None	Gynecologic
TLH W/T/O UTERUS OVER 250 G	58573	None	Gynecologic
BREAST RECONSTRUCTION	19364	None	Breast
THORAX SPINE FUSION	22610	None	Spinal
EXC FOREARM TUM DEEP < 3 CM	25076	None	Skin
KNEE ARTHROSCOPY/SURGERY	29882	None	Orthopedic
REPAIR DEFECT OF ARTERY	35121	Suprainguinal vascular	Peripheral vascular
VAGOTOMY & PYLORUS REPAIR	43640	Intraperitoneal	Foregut/hepatopancreatobiliary
LAP, MOBIL SPLENIC FL ADD-ON	44213	Intraperitoneal	Intestines
REBUILD EARDRUM STRUCTURES	69633	None	ENT
REPAIR OF RUPTURED TENDON	24342	None	Orthopedic
REMOVAL OF LARYNX	31365	None	ENT
REMOVAL OF ARM ARTERY CLOT	34111	Suprainguinal vascular	Peripheral vascular
REPAIR BOWEL FISTULA	44650	Intraperitoneal	Intestines
FUSE PANCREAS CYST AND BOWEL	48540	Intraperitoneal	Foregut/hepatopancreatobiliary
REVISE SPERMATIC CORD VEINS	55530	None	Urologic
OPEN SKULL FOR DRAINAGE	61313	None	Neck
BRAIN ANEURYSM REPR, COMPLX	61697	None	Brain
TREAT LOWER LEG FRACTURE	27827	None	Orthopedic
DESTRUCTION, RECTAL TUMOR	45190	Intraperitoneal	Intestines
INCISE SKULL (PRESS RELIEF)	61343	None	ENT
REPAIR ARM TENDON/MUSCLE	24341	None	Orthopedic
REMOVAL OF ADENOIDS	42831	None	ENT
SURGICAL OPENING OF STOMACH	43500	Intraperitoneal	Foregut/hepatopancreatobiliary
DILATION OF RECTAL NARROWING	45910	Intraperitoneal	Anorectal
EXCISE SACRAL SPINE TUMOR	49215	None	Spinal
VAG HYST W/T/O & VAG REPAIR	58263	None	Gynecologic

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVAL OF SKULL LESION	61500	None	ENT
IMPLANT NEUROSTIM ARRAYS	61886	None	Brain
MUSCULOSKELETAL SURGERY	20999	None	Orthopedic
REVISION OF NECK MUSCLE/RIB	21705	None	Neck
REVISE ESOPHAGUS & STOMACH	43326	Intraperitoneal	Foregut/hepatopancreatobiliary
PANCREAS REMOVAL/TRANSPLANT	48160	Intraperitoneal	Foregut/hepatopancreatobiliary
RECONSTRUCTION OF URETHRA	53410	None	Urologic
TREAT THIGH FRACTURE	27248	None	Orthopedic
MENISCAL TRNSPL, KNEE W/SCPE	29868	None	Orthopedic
EXPLORE CHEST VESSELS	35820	Intrathoracic	Nonesophageal thoracic
PLACE GASTROSTOMY TUBE	43832	Intraperitoneal	Foregut/hepatopancreatobiliary
PANCREATECTOMY	48154	Intraperitoneal	Foregut/hepatopancreatobiliary
REVISION OF CALF TENDON	27687	None	Orthopedic
REMOVE GROIN LYMPH NODES	38765	None	Skin
LAPARO ABLATE RENAL MASS	50542	Intraperitoneal	Intestines
REMOVE BLADDER/CREATE POUCH	51596	None	Urologic
DRAINAGE OF SCROTUM ABSCESS	55100	None	Urologic
REMOVAL OF THYROID	60270	None	Neck
REMOVE HIP PRESSURE SORE	15946	None	Skin
TREAT FINGER FRACTURE, EACH	26735	None	Orthopedic
THORACOSCOPY, SURGICAL	32662	Intrathoracic	Nonesophageal thoracic
REPAIR DEFECT OF ARTERY	35131	Suprainguinal vascular	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35256	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35506	Suprainguinal vascular	Peripheral vascular
LIGATE LEG VEINS RADICAL	37760	None	Vein
REMOVAL CHEST LESION	39220	None	Skin
BSO, OMENTECTOMY W/TAH	58956	None	Other abdomen
RESECT FOREARM/WRIST TUM<3CM	25077	None	Orthopedic
REPAIR FINGER TENDON	26418	None	Orthopedic
AMPUTATION OF MIDFOOT	28800	None	Orthopedic
BILOBECTOMY	32482	Intrathoracic	Nonesophageal thoracic
EXCISION OF TONGUE LESION	41112	None	ENT
REMOVAL OF SMALL INTESTINE	44121	None	Foregut/hepatopancreatobiliary
EXPLORE ADRENAL GLAND	60545	None	Other abdomen
REBUILD EARDRUM STRUCTURES	69632	None	ENT
REVISION OF LUMBAR SPINE	22224	None	Spinal
REMOVAL OF LUNG	32440	Intrathoracic	Nonesophageal thoracic
EXPLORE DEEP NODE(S), NECK	38542	None	ENT
REMOVE ABDOMEN LYMPH NODES	38780	None	Skin
THROAT MUSCLE SURGERY	43030	None	ENT
V-BAND GASTROPLASTY	43842	Intraperitoneal	Bariatric
EXPLORE WOUND, ABDOMEN	20102	None	Other abdomen
STERNAL DEBRIDEMENT	21627	None	Skin
REPAIR FINGER/HAND TENDON	26356	None	Orthopedic
REPAIR ARTERY RUPTURE, AORTA	35092	Intraperitoneal	Aortic
VEIN BYPASS GRAFT	35587	None	Vein
EXCISION, GRAFT, ABDOMEN	35907	None	Skin
REMOVE PELVIS LYMPH NODES	38770	None	Skin
EXPLORATION OF CHEST	39010	Intrathoracic	Other abdomen
LAPARO PROC, UTERUS	58578	None	Gynecologic
REPAIR OF THIGH MUSCLE	27385	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR BLOOD VESSEL LESION	35286	None	Peripheral vascular
INCISE BILE DUCT SPHINCTER	47460	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REREPAIR FEM HERNIA, BLOCKED	49557	None	Hernia
INCISION OF PROSTATE	52450	Intraperitoneal	Urologic
EXPLORE SCROTUM	55110	None	Urologic
REMOVAL OF TISSUE FOR GRAFT	20926	None	Skin
TREAT CHEEK BONE FRACTURE	21365	None	Orthopedic
TREAT HUMERUS FRACTURE	24515	None	Orthopedic
TREAT FINGER FRACTURE, EACH	26727	None	Orthopedic
SHOULDER ARTHROSCOPY/SURGERY	29825	None	Orthopedic
REMOVAL OF COLON/ILEOSTOMY	44151	Intraperitoneal	Intestines
OPEN DRAINAGE, LIVER LESION	47010	Intraperitoneal	Foregut/hepatopancreatobiliary
INCISION OF GALLBLADDER	47480	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
EXCISION OF UMBILICUS	49250	None	Gynecologic
TREAT ECTOPIC PREGNANCY	59150	None	Gynecologic
FREE MYO/SKIN FLAP MICROVASC	15756	None	Gynecologic
REPAIR OF STERNUM SEPARATION	21750	None	Nonesophageal thoracic
TREAT HIP DISLOCATION	27254	None	Orthopedic
THROAT SURGERY PROCEDURE	42999	None	ENT
EXCISE ILEOANAL RESERVIOR	45136	Intraperitoneal	Intestines
GENITAL SURGERY PROCEDURE	55899	None	Gynecologic
DRAIN SHOULDER LESION	23030	None	Skin
REMOVAL OF ELBOW BURSA	24105	None	Skin
TREATMENT OF TIBIA FRACTURE	27758	None	Orthopedic
AMPUTATION OF LOWER LEG	27881	None	Orthopedic
ARTERY BYPASS GRAFT	35565	None	Peripheral vascular
DRAINAGE OF PELVIC ABSCESS	45000	None	Skin
DRAIN PANCREATIC PSEUDOCYST	48510	Intraperitoneal	Urologic
ATTACH BLADDER/URETHRA	51840	None	Urologic
VAG HYST W/URINARY REPAIR	58267	None	Gynecologic
REPAIR OF DIGIT NERVE	64831	None	Skin
PARTIAL REMOVAL, COLLAR BONE	23120	None	Orthopedic
AMPUTATE LOWER LEG AT KNEE	27598	None	Orthopedic
KNEE ARTHROSCOPY/DRAINAGE	29871	None	Orthopedic
SEGMENTECTOMY	32484	Intrathoracic	Nonesophageal thoracic
EXCISION OF MESENTERY LESION	44820	Intraperitoneal	Other abdomen
PELVIC EXENTERATION	45126	None	Intestines
DRAIN, OPEN, ABDOM ABSCESS	49040	None	Other abdomen
RPR UMBIL HERN, REDUC < 5 YR	49580	None	Hernia
CLOSURE OF VAGINA	57120	None	Gynecologic
REMOVE CAROTID BODY LESION	60600	None	Peripheral vascular
REMOVE SACRUM PRESSURE SORE	15937	None	Skin
INCISION OF ABSCESS	20000	None	Skin
EAR CARTILAGE GRAFT	21235	None	ENT
REPLACEMENT OF AORTIC VALVE	33406	Intrathoracic	Aortic
REPAIR ARTERY RUPTURE, THIGH	35142	None	Peripheral vascular
LIGATION OF EXTREMITY ARTERY	37618	None	Peripheral vascular
REMOVE ABDOMINAL LYMPH NODES	38747	None	Other abdomen
INCISION OF BILE DUCT	47420	Intraperitoneal	Foregut/hepatopancreatobiliary
RPR UMBIL HERN, BLOCK < 5 YR	49582	None	Hernia
CYSTO/URETERO, STRICTURE TX	52344	None	Urologic

Description	CPT code	RCRI categorization	Gupta Categorization:
PENIS PLASTIC SURGERY	54360	None	Urologic
ADHESIOLYSIS TUBE, OVARY	58740	None	Gynecologic
REMOVAL OF THYMUS GLAND	60521	Intrathoracic	Nonesophageal thoracic
BRAIN ANEURYSM REPR, SIMPLE	61700	None	Brain
REMOVAL OF KNEE CARTILAGE	27332	None	Orthopedic
AMPUTATION FOLLOW-UP SURGERY	27594	None	Orthopedic
DECOMPRESSION OF LOWER LEG	27600	None	Orthopedic
TREATMENT OF ANKLE FRACTURE	27823	None	Orthopedic
AMPUTATION OF FOOT AT ANKLE	27889	None	Orthopedic
REMOVAL OF VEIN CLOT	34421	None	Vein
REPAIR BLOOD VESSEL LESION	35236	None	Peripheral vascular
RECHANNELING OF ARTERY	35321	None	Peripheral vascular
REVISION OF LEG VEIN	37780	None	Vein
EXCISION OF NECK CYST	42815	None	ENT
BIOPSY OF PANCREAS, OPEN	48100	Intraperitoneal	Foregut/hepatopancreatobiliary
EXTENSIVE VULVA SURGERY	56630	None	Gynecologic
REMOVE VAGINA GLAND LESION	56740	None	Gynecologic
INTRACRANIAL VESSEL SURGERY	61682	None	Brain
REMOVAL OF SPINAL LAMINA	63012	None	Spinal
FREE SKIN FLAP, MICROVASC	15757	Suprainguinal vascular	Peripheral vascular
REMOVAL OF IMPLANT MATERIAL	19330	None	Breast
SPINE FUSION, EXTRA SEGMENT	22632	None	Spinal
REPAIR/GRAFT WRIST BONE	25440	None	Orthopedic
TREATMENT OF THIGH FRACTURE	27514	None	Orthopedic
EXPLORE NECK VESSELS	35800	Suprainguinal vascular	ENT
TONGUE AND NECK SURGERY	41135	None	ENT
EXCISE PAROTID GLAND/LESION	42426	None	ENT
REMOVAL OF STOMACH	43622	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR OF BOWEL LESION	44605	Intraperitoneal	Intestines
LAPAROSCOPE PROC, RECTUM	45499	None	Intestines
REMOVAL OF KIDNEY & URETER	50234	None	Urologic
RESECT OVARIAN MALIGNANCY	58951	None	Gynecologic
TREATMENT OF THIGH FRACTURE	27511	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29874	None	Orthopedic
ARTERY BYPASS GRAFT	35531	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35671	Suprainguinal vascular	Peripheral vascular
RESECT RECURRENT GYN MAL	58957	None	Gynecologic
TREAT EYE SOCKET FRACTURE	21390	None	Orthopedic
REPLACE ELBOW JOINT	24363	None	Orthopedic
TREAT RADIUS FRACTURE	24665	None	Orthopedic
REVISION OF LOWER LEG TENDON	27685	None	Orthopedic
REPAIR OF ANKLE LIGAMENT	27698	None	Orthopedic
THORACOSCOPY, SURGICAL	32653	Intrathoracic	Nonesophageal thoracic
CHEST SURGERY PROCEDURE	32999	Intrathoracic	Nonesophageal thoracic
REPAIR BLOOD VESSEL LESION	35201	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35539	None	Peripheral vascular
REPAIR OF PERINEUM	56810	None	Gynecologic
OPEN SKULL FOR EXPLORATION	61304	None	ENT
REVISE MIDDLE EAR & MASTOID	69642	None	ENT
REMOVE SPINE FIXATION DEVICE	22852	None	Spinal
AMPUTATION OF FINGER/THUMB	26952	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR OF KNEECAP TENDON	27380	None	Orthopedic
REPAIR/GRAFT OF TIBIA	27724	None	Orthopedic
ARTERY BYPASS GRAFT	35521	None	Peripheral vascular
LIGATION OF ABDOMEN ARTERY	37617	Suprainguinal vascular	Peripheral vascular
INCISION OF SMALL BOWEL	44010	Intraperitoneal	Intestines
REPAIR OF RECTUM	45505	None	Intestines
PANCREATECTOMY	48146	Intraperitoneal	Foregut/hepatopancreatobiliary
LAPARO DRAIN LYMPHOCELE	49323	None	Other abdomen
REVISE VAG GRAFT VIA VAGINA	57295	None	Gynecologic
ENDOMETRIAL CRYOABLATION	58356	None	Gynecologic
REMOVE SACRUM PRESSURE SORE	15931	None	Skin
REMOVAL OF BONE FOR GRAFT	20902	None	Orthopedic
INSERT SPINE FIXATION DEVICE	22842	None	Spinal
REPAIR BICEPS TENDON	23430	None	Orthopedic
TREAT LOWER LEG JOINT	27829	None	Orthopedic
DECOMPRESS SMALL BOWEL	44021	Intraperitoneal	Intestines
PARTIAL REMOVAL OF RECTUM	45114	None	Intestines
LAPAROSCOPE PROC, BILIARY	47579	Intraperitoneal	Foregut/hepatopancreatobiliary
REREPAIR FEM HERNIA, REDUCE	49555	None	Hernia
LAPAROSCOPE PROC, BLA	51999	None	Urologic
PROSTATIC RF THERMOTX	53852	None	Urologic
REPAIR OF BOWEL BULGE	57268	None	Intestines
RESECT OVARIAN MALIGNANCY	58952	None	Gynecologic
REMOVAL OF THYMUS GLAND	60520	Intrathoracic	Nonesophageal thoracic
SKIN GRAFT	15630	None	Skin
THORACOSCOPY, SURGICAL	32659	Intrathoracic	Nonesophageal thoracic
ARTERY BYPASS GRAFT	35633	None	Peripheral vascular
MYOMECTOMY VAG METHOD	58145	None	Gynecologic
TREAT HUMERUS FRACTURE	23616	None	Orthopedic
REPAIR HAND JOINT	26540	None	Orthopedic
RECONSTRUCT ANKLE JOINT	27702	None	Orthopedic
TREATMENT OF FIBULA FRACTURE	27784	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29898	None	Orthopedic
RECHANNELING OF ARTERY	35304	None	Peripheral vascular
DRAINAGE OF TONSIL ABSCESS	42700	None	ENT
WEDGE BIOPSY OF LIVER	47100	Intraperitoneal	Foregut/hepatopancreatobiliary
REIMPLANT URETER IN BLADDER	50780	None	Urologic
LAPARO URETHRAL SUSPENSION	51990	None	Urologic
COLPOPEXY, INTRAPERITONEAL	57283	Intraperitoneal	Gynecologic
BIOPSY/EXCISE SPINAL TUMOR	63282	None	Spinal
REMOVE SACRUM PRESSURE SORE	15936	None	Skin
I&D, P-SPINE, C/T/CERV-THOR	22010	None	Spinal
ADDITIONAL SPINAL FUSION	22585	None	Spinal
TREAT FRACTURE OF RADIUS	25515	None	Orthopedic
RELEASE PALM/FINGER TENDON	26440	None	Orthopedic
TREAT FINGER FRACTURE, EACH	26765	None	Orthopedic
TREAT LOWER LEG FRACTURE	27828	None	Orthopedic
AMPUTATION OF FOOT AT ANKLE	27888	None	Orthopedic
REPAIR DEFECT OF ARM ARTERY	35045	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35601	Suprainguinal vascular	Peripheral vascular
INCISION OF LYMPH CHANNELS	38308	None	Skin

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR OF DIAPHRAGM HERNIA	39530	Intrathoracic	Hernia
TONGUE, JAW, & NECK SURGERY	41155	None	ENT
CONTROL THROAT BLEEDING	42960	None	ENT
SURGERY FOR LIVER LESION	47300	Intraperitoneal	Foregut/hepatopancreatobiliary
LIVER SURGERY PROCEDURE	47399	Intraperitoneal	Foregut/hepatopancreatobiliary
FISTULA REPAIR, TRANSPERINE	57308	None	Anorectal
EXPLORE PARATHYROID GLANDS	60505	None	Neck
REMOVAL OF BRAIN TISSUE	61537	None	Brain
EXCISION, ADDL BREAST LESION	19126	None	Breast
TREAT HUMERUS FRACTURE	24545	None	Orthopedic
TREAT FRACTURE RADIUS/ULNA	25575	None	Orthopedic
RELEASE PALM CONTRACTURE	26121	None	Orthopedic
TREAT FINGER FRACTURE, EACH	26746	None	Orthopedic
INCISION/FIXATION OF FEMUR	27165	None	Orthopedic
TREAT KNEE FRACTURE	27536	None	Orthopedic
PARTIAL REMOVAL OF TIBIA	27640	None	Orthopedic
REMOVAL OF LARYNX	31360	None	ENT
REPAIR OF DIAPHRAGM HERNIA	39541	Intrathoracic	Hernia
EXCISION OF TONGUE LESION	41110	None	ENT
CONTROL THROAT BLEEDING	42962	None	ENT
PARTIAL REMOVAL OF ESOPHAGUS	43121	Intraperitoneal	Foregut/hepatopancreatobiliary
RELIEVE BLADDER CONTRACTURE	52640	None	Urologic
ORCHIECTOMY, PARTIAL	54522	None	Gynecologic
REMOVAL OF SPINAL LAMINA	63003	None	Spinal
REMOVAL OF SPINAL LAMINA	63046	None	Spinal
REMOVAL OF BONE FOR GRAFT	20900	None	Orthopedic
TREAT CHEEK BONE FRACTURE	21356	None	Orthopedic
REPAIR ELBOW W/DEB, OPEN	24358	None	Orthopedic
REPAIR RADIUS OR ULNA	25400	None	Orthopedic
REMOVAL OF KNEECAP BURSA	27340	None	Orthopedic
REMOVE/TREAT LUNG LESIONS	32141	Intrathoracic	Nonesophageal thoracic
EXPLORATION POPLITEAL ARTERY	35741	None	Peripheral vascular
REVISE GRAFT W/VEIN	35884	None	Peripheral vascular
LAPAROSCOPE PROC, APP	44979	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
LAPAROSCOPY W/CHOLANGIO	47560	Intraperitoneal	Foregut/hepatopancreatobiliary
CONSTRUCT BOWEL BLADDER	50820	None	Urologic
REMOVAL OF BLADDER STONE	51050	None	Urologic
REPAIR OF HYDROCELE	55060	None	Gynecologic
RESECT OVARIAN MALIGNANCY	58950	None	Gynecologic
REVISE MIDDLE EAR & MASTOID	69645	None	ENT
FOREHEAD FLAP W/VASC PEDICLE	15731	None	ENT
TREAT CHEEK BONE FRACTURE	21360	None	Orthopedic
LAT LUMBAR SPINE FUSION	22533	None	Spinal
EXPLORATION OF SPINAL FUSION	22830	None	Spinal
CERV ARTIFIC DISKECTOMY	22856	None	Spinal
RELEASE OF SHOULDER LIGAMENT	23415	None	Orthopedic
REINFORCE HIP BONES	27187	None	Orthopedic
REVISION OF KNEE JOINT	27445	None	Orthopedic
ARTHROSCOPY BICEPS TENODESIS	29828	None	Orthopedic
RECHANNELING OF ARTERY	35331	Suprainguinal vascular	Aortic
ARTERY BYPASS GRAFT	35525	Suprainguinal vascular	Peripheral vascular

Description	CPT code	RCRI categorization	Gupta Categorization:
ARTERY BYPASS GRAFT	35637	None	Peripheral vascular
ARTERIAL TRANSPOSITION	35694	Suprainguinal vascular	Peripheral vascular
LAPAROSCOPY, LYMPHADENECTOMY	38571	None	Skin
INCISION OF LARGE BOWEL	44025	Intraperitoneal	Intestines
EXCISION OF BILE DUCT TUMOR	47711	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVAL OF ABDOMINAL FLUID	49081	None	Other abdomen
LAPARO SLING OPERATION	51992	None	Urologic
PARTIAL REMOVAL OF OVARY(S)	58920	None	Gynecologic
INSERT TISSUE EXPANDER(S)	11960	None	Skin
NECK SPINAL FUSION	22595	None	Spinal
SHOULDER SURGERY PROCEDURE	23929	None	Orthopedic
TREAT HUMERUS FRACTURE	24516	None	Orthopedic
TREAT ELBOW FRACTURE	24586	None	Orthopedic
TRANSPLANT FOREARM TENDON	25310	None	Orthopedic
REPAIR HAND TENDON	26410	None	Orthopedic
DECOMPRESSION OF LEG	27894	None	Orthopedic
OPEN AORTIC TUBE PROSTH REPR	34830	Intraperitoneal	Aortic
REOPERATION, CAROTID ADD-ON	35390	Suprainguinal vascular	Peripheral vascular
REMOVAL OF LYMPH NODES, NECK	38700	None	ENT
EXPLORATION OF CHEST	39000	Intrathoracic	Nonesophageal thoracic
EXCISION OF MOUTH LESION	41116	None	ENT
REPAIR STOMACH-BOWEL FISTULA	43880	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVE GASTRIC PORT, OPEN	43887	Intraperitoneal	Bariatric
REPAIR LUMBAR HERNIA	49540	None	Hernia
REMOVAL OF EPIDIDYMIS	54860	None	Gynecologic
BIOPSY/EXCISE SPINAL TUMOR	63281	None	Spinal
BREAST SURGERY PROCEDURE	19499	None	Breast
REVISION OF COLLAR BONE	23485	None	Orthopedic
RADICAL RESECTION OF ELBOW	24149	None	Orthopedic
REPAIR/GRAFT RADIUS OR ULNA	25405	None	Orthopedic
TREAT WRIST BONE FRACTURE	25628	None	Orthopedic
TENDON EXCISION, PALM/FINGER	26145	None	Orthopedic
REMOVE KNEE JOINT LINING	27334	None	Orthopedic
TREATMENT OF FOOT INFECTION	28002	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29884	None	Orthopedic
REMOVAL OF ARTERY CLOT	34001	Suprainguinal vascular	Peripheral vascular
OPEN AORTOILIAC PROSTH REPR	34831	Intraperitoneal	Aortic
ARTERY BYPASS GRAFT	35501	Suprainguinal vascular	Vein
REVISE STOMACH-BOWEL FUSION	43865	Intraperitoneal	Intestines
REPAIR BOWEL-BLADDER FISTULA	44660	Intraperitoneal	Intestines
EXCISION OF RECTAL PROLAPSE	45135	None	Intestines
RELEASE OF URETER	50715	None	Urologic
SUSPENSION OF TESTIS	54640	None	Gynecologic
REMOVAL OF HYDROCELES	55041	None	Gynecologic
DECOMPRESSIVE CRANIOTOMY	61322	None	ENT
C-LAMINOPLASTY W/GRAFT/PLATE	63051	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63276	None	Spinal
COMPOSITE SKIN GRAFT	15760	None	Skin
TREAT LOWER JAW FRACTURE	21470	None	Orthopedic
REPAIR/REVISE WRIST JOINT	25320	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29883	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR ARTERY RUPTURE, GROIN	35132	None	Peripheral vascular
ARTERY BYPASS GRAFT	35522	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35523	Suprainguinal vascular	Peripheral vascular
ENDOVENOUS RF, VEIN ADD-ON	36476	None	Vein
LAPAROSCOPE PROC, SPLEEN	38129	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVE PALATE/LESION	42120	None	ENT
REVISE ESOPHAGUS & STOMACH	43325	Intraperitoneal	Foregut/hepatopancreatobiliary
LAPARO ABLATE RENAL CYST	50541	None	Urologic
URETHRLYS, TRANSVAG W/ SCOPE	53500	None	Urologic
REMOVAL OF PROSTATE	55821	Intraperitoneal	Urologic
REPAIR PARAVAG DEFECT, OPEN	57284	None	Gynecologic
REMOVAL OF BRAIN LESION	61520	None	Brain
SKIN GRAFT	15600	None	Skin
REMOVAL OF PRESSURE SORE	15999	None	Skin
NECK/CHEST SURGERY PROCEDURE	21899	None	ENT
REVISION OF NECK SPINE	22220	None	Spinal
TREAT CLAVICLE DISLOCATION	23550	None	Orthopedic
TREAT HUMERUS FRACTURE	23630	None	Orthopedic
EXCISE WRIST TENDON SHEATH	25118	None	Orthopedic
TREAT FRACTURE OF RADIUS	25525	None	Orthopedic
INCISION OF HIP/THIGH FASCIA	27025	None	Orthopedic
AMPUTATION OF LEG AT HIP	27295	None	Orthopedic
DRAINAGE OF BONE LESION	27303	None	Orthopedic
REPAIR OF ACHILLES TENDON	27654	None	Orthopedic
TREAT ANKLE FRACTURE	28445	None	Orthopedic
RE-EXPLORATION OF CHEST	32120	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32656	Intrathoracic	Nonesophageal thoracic
THORACIC AORTIC GRAFT	33875	Intrathoracic	Aortic
REPAIR BLOOD VESSEL LESION	35266	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35533	None	Peripheral vascular
ARTERY BYPASS GRAFT	35650	None	Peripheral vascular
EXCISE/REPAIR MOUTH LESION	40812	None	ENT
EXCISION OF RECTAL LESION	45160	None	Anorectal
PERCUT ABLATE LIVER RF	47382	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSE GALLBLADDER & BOWEL	47740	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
BILE TRACT SURGERY PROCEDURE	47999	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVAL OF PANCREATIC DUCT	48148	Intraperitoneal	Foregut/hepatopancreatobiliary
INSERT ABDOMEN-VEIN DRAIN	49425	Suprainguinal vascular	Other abdomen
REMOVE VAGINA WALL, PARTIAL	57106	None	Gynecologic
REMOVAL OF CERVIX	57530	None	Gynecologic
IMPLANT BRAIN ELECTRODES	61533	None	Brain
LAMINOTOMY, SINGLE CERVICAL	63040	None	Spinal
EXCISE INTRASPINAL LESION	63266	None	Spinal
RELIEVE PRESSURE ON NERVE(S)	64722	None	Skin
REVISE MIDDLE EAR & MASTOID	69646	None	ENT
PLACE PO BREAST CATH FOR RAD	19296	None	Breast
REVISION OF LUMBAR SPINE	22214	None	Spinal
REPAIR HUMERUS WITH GRAFT	24435	None	Orthopedic
SHORTEN RADIUS OR ULNA	25390	None	Orthopedic
REPAIR FINGER/HAND TENDON	26350	None	Orthopedic
ELBOW ARTHROSCOPY/SURGERY	29838	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVAL OF RIB(S)	32900	None	Orthopedic
ARTERY BYPASS GRAFT	35548	None	Peripheral vascular
EXCISE PHARYNX LESION	42808	None	ENT
REPR PER/VAG POUCH SNGL PROC	46710	None	Gynecologic
REPAIR OF ANAL SPHINCTER	46761	None	Anorectal
REMOVAL OF GALLBLADDER	47620	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVE/REPLACE UR SPHINCTER	53447	None	Urologic
REMOVAL OF PROSTATE	55801	Intraperitoneal	Urologic
EXTENSIVE PROSTATE SURGERY	55812	Intraperitoneal	Urologic
VAG HYST INCL T/O, COMPLEX	58291	None	Gynecologic
REPAIR BRAIN FLUID LEAKAGE	62100	None	Brain
REPAIR OF EARDRUM	69610	None	ENT
DEBRIDE INFECTED SKIN ADD-ON	11001	None	Skin
REVISION OF CHEST WALL	19271	Intrathoracic	Nonesophageal thoracic
EXCISE MANDIBLE LESION	21040	None	ENT
EXTENSIVE JAW SURGERY	21045	None	Orthopedic
APPLY SPINE PROSTH DEVICE	22851	None	Spinal
REPAIR OF HUMERUS	24430	None	Orthopedic
TREAT HUMERUS FRACTURE	24546	None	Orthopedic
REMOVE WRIST/FOREARM LESION	25116	None	Skin
RELEASE HAND/FINGER TENDON	26445	None	Orthopedic
REVISE KNUCKLE WITH IMPLANT	26531	None	Orthopedic
REMOVAL OF TAIL BONE	27080	None	Orthopedic
INCISION OF THIGH	27450	None	Orthopedic
REPAIR/GRAFT OF THIGH	27472	None	Orthopedic
REINFORCE THIGH	27495	None	Orthopedic
EXPLORATION OF ANKLE JOINT	27612	None	Orthopedic
ARTHROSCOPY OF JOINT	29999	None	Orthopedic
OPEN BIOPSY CHEST LINING	32402	None	Nonesophageal thoracic
ENDOASC EXTEN PROSTH, ADDL	34826	Intraperitoneal	Aortic
EXPLORATION, CAROTID ARTERY	35701	Suprainguinal vascular	Peripheral vascular
EXCISION OF MOUTH LESION	40810	None	ENT
EXCISION LESION, MOUTH ROOF	42104	None	ENT
DRAINAGE OF THROAT ABSCESS	42720	None	ENT
REMOVAL OF COLON/ILEOSTOMY	44156	Intraperitoneal	Intestines
REPAIR OF MESENTERY	44850	Intraperitoneal	Other abdomen
DRAIN APP ABSCESS, OPEN	44900	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
FUSE GALLBLADDER & BOWEL	47720	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
DRAIN ABDOMINAL ABSCESS	49021	None	Other abdomen
REMOVAL OF KIDNEY & URETER	50236	None	Urologic
REMOVAL OF BLADDER CYST	51500	None	Urologic
FRENULOTOMY OF PENIS	54164	None	Urologic
EXTENSIVE PROSTATE SURGERY	55815	Intraperitoneal	Urologic
DESTROY VAG LESIONS, COMPLEX	57065	None	Gynecologic
SUSPENSION OF UTERUS	58400	None	Gynecologic
REMOVAL OF OVARY(S)	58943	None	Gynecologic
TREAT ECTOPIC PREGNANCY	59121	None	Gynecologic
OPEN SKULL FOR DRAINAGE	61314	None	ENT
REMOVE BRAIN LINING LESION	61519	None	Brain
INFRA TEMPORAL APPROACH/SKULL	61590	None	ENT
RESECT/EXCISE LESION, SKULL	61616	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
INTRACRANIAL VESSEL SURGERY	61680	Suprainguinal vascular	ENT
SPINAL DISK SURGERY ADD-ON	63035	None	Spinal
REBUILD EARDRUM STRUCTURES	69636	None	ENT
SKIN GRAFT	15620	None	Skin
EXCISION OF BONE, LOWER JAW	21025	None	Orthopedic
TREAT LOWER JAW FRACTURE	21461	None	Orthopedic
PARTIAL REMOVAL OF RIB	21600	None	Orthopedic
PARTIAL REMOVAL OF STERNUM	21620	None	Orthopedic
FUSION OF SPINE	22808	None	Spinal
REPAIR ELBOW DEB/ATTCH OPEN	24359	None	Orthopedic
REPAIR FINGER/HAND TENDON	26370	None	Orthopedic
EXPLORE/TREAT KNEE JOINT	27331	None	Orthopedic
REVISE KNEECAP WITH IMPLANT	27438	None	Orthopedic
REPAIR OF TIBIA	27720	None	Orthopedic
LEG/ANKLE SURGERY PROCEDURE	27899	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29891	None	Orthopedic
REMOVAL OF LUNG LESION(S)	32150	Intrathoracic	Nonesophageal thoracic
ARTERY BYPASS GRAFT	35560	Suprainguinal vascular	Peripheral vascular
LAPAROSCOPE PROC, LYMPHATIC	38589	None	Skin
RESECT DIAPHRAGM, COMPLEX	39561	Intrathoracic	Nonesophageal thoracic
EXCISION OF UVULA	42140	None	ENT
FUSION OF STOMACH AND BOWEL	43825	Intraperitoneal	Foregut/hepatopancreatobiliary
EXCISION OF BOWEL LESION(S)	44111	Intraperitoneal	Intestines
OMENTAL FLAP, INTRA-ABDOM	49905	None	Other abdomen
REMOVAL OF KIDNEY STONE	50060	None	Urologic
CYSTO W/URETER STRICTURE TX	52341	None	Urologic
REVISE SPERMATIC CORD VEINS	55535	None	Urologic
REMOVAL OF PROSTATE	55831	None	Urologic
REPAIR OF VAGINA	57200	None	Gynecologic
INSERT MESH/PELVIC FLR ADDON	57267	None	Gynecologic
EXPLORATION OF ABDOMEN	58960	Intraperitoneal	Other abdomen
OPEN SKULL FOR DRAINAGE	61320	None	ENT
FREE FASCIAL FLAP, MICROVASC	15758	None	Skin
REVISION OF NECK MUSCLE	21700	None	ENT
FUSION OF SPINE	22800	None	Spinal
FUSION OF SPINE	22802	None	Spinal
REMOVAL OF WRIST BONES	25215	None	Orthopedic
TREAT HIP FRACTURE(S)	27228	None	Orthopedic
REMOVE FEMUR LESION	27355	None	Orthopedic
RECONSTRUCTION, KNEE	27427	None	Orthopedic
TREATMENT OF THIGH FRACTURE	27513	None	Orthopedic
INCISION OF ACHILLES TENDON	27606	None	Orthopedic
SHOULDER ARTHROSCOPY/SURGERY	29821	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29897	None	Orthopedic
CORONARY ARTERY, BYPASS/REOP	33530	Suprainguinal vascular	Peripheral vascular
OPEN AORTOFEMOR PROSTH REPR	34832	Intraperitoneal	Aortic
RECHANNELING OF ARTERY	35305	None	Peripheral vascular
RECHANNELING OF ARTERY	35361	None	Peripheral vascular
ARTERY BYPASS GRAFT	35549	None	Peripheral vascular
RESECT DIAPHRAGM, SIMPLE	39560	None	Nonesophageal thoracic
EXCISION OF LINGUAL TONSIL	42870	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR ESOPHAGUS WOUND	43415	None	Foregut/hepatopancreatobiliary
REVISE STOMACH-BOWEL FUSION	43850	Intraperitoneal	Foregut/hepatopancreatobiliary
TREATMENT OF ANAL FISSURE	46940	None	Anorectal
PARTIAL REMOVAL OF BLADDER	51550	Intraperitoneal	Urologic
COMPLETE REMOVAL OF VULVA	56625	None	Gynecologic
AUTOTRANSPLANT PARATHYROID	60512	None	Neck
CRANIOFACIAL APPROACH, SKULL	61583	None	ENT
FUSION OF SKULL ARTERIES	61711	Suprainguinal vascular	Brain
REVISE/REMOVE NEURORECEIVER	61888	None	Brain
DECOMPRESS SPINAL CORD	63055	None	Spinal
MUSCLE-SKIN GRAFT, ARM	15736	None	Skin
BREAST RECONSTRUCTION	19366	None	Breast
REVISION OF EYELID	21282	None	ENT
HEAD SURGERY PROCEDURE	21499	None	ENT
REPAIR SHOULDER CAPSULE	23455	None	Orthopedic
REMOVE FOREARM FOREIGN BODY	25248	None	Orthopedic
RELEASE FINGER CONTRACTURE	26525	None	Orthopedic
DRAINAGE OF HIP JOINT	27030	None	Orthopedic
REMOVE FEMUR LESION/BURSA	27062	None	Orthopedic
PARTIAL REMOVAL, LEG BONE(S)	27360	None	Orthopedic
DECOMPRESSION OF LOWER LEG	27601	None	Orthopedic
TREAT LOWER LEG BONE LESION	27607	None	Orthopedic
REMOVAL OF TENDON LESION	27630	None	Orthopedic
DECOMPRESSION OF LEG	27892	None	Orthopedic
WRIST ARTHROSCOPY/SURGERY	29844	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29889	None	Orthopedic
CLOSURE OF WINDPIPE LESION	31820	None	ENT
RECHANNELING OF ARTERY	35363	None	Peripheral vascular
ARTERY BYPASS GRAFT	35663	None	Peripheral vascular
REMOVAL OF SPLEEN, PARTIAL	38101	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVAL OF SPLEEN, TOTAL	38102	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REMOVAL, PELVIC LYMPH NODES	38562	None	Skin
REMOVE THORACIC LYMPH NODES	38746	Intrathoracic	Nonesophageal thoracic
EXCISION OF TONGUE LESION	41113	None	ENT
REMOVAL OF ESOPHAGUS	43108	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF ESOPHAGUS POUCH	43135	Intraperitoneal	Foregut/hepatopancreatobiliary
DEVISE BOWEL POUCH	44316	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF RECTUM	45120	None	Anorectal
CONSTRUCT BOWEL BLADDER	50825	None	Urologic
REPAIR BLADDER/VAGINA LESION	51900	None	Urologic
LASER SURGERY OF PROSTATE	52647	Intraperitoneal	Urologic
REVISE URETHRA, STAGE 1	53400	None	Urologic
RECONSTRUCTION OF URETHRA	53415	None	Urologic
REPAIR BLADDER-VAGINA LESION	57320	None	Urologic
REMOVAL OF THYMUS GLAND	60522	Intrathoracic	Nonesophageal thoracic
REMOVAL OF BRAIN LESION	61526	None	Brain
RESECT/EXCISE CRANIAL LESION	61605	None	Brain
IMPLANT NEUROELECTRODES	61860	None	Brain
BIOPSY/EXCISE SPINAL TUMOR	63277	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63286	None	Spinal
REPAIR SPINAL FLUID LEAKAGE	63707	None	Spinal

Description	CPT code	RCRI categorization	Gupta Categorization:
SKIN FULL GRAFT, TRUNK	15200	None	Skin
BREAST RECONSTRUCTION	19368	None	Breast
RECONSTR LWR JAW SEGMENT	21198	None	ENT
TREAT EYE SOCKET FRACTURE	21386	None	ENT
TREAT MOUTH ROOF FRACTURE	21422	None	ENT
FUSION OF SPINE	22804	None	Spinal
REMOVAL OF BONE LESION	23140	None	Orthopedic
TREAT CLAVICLE DISLOCATION	23552	None	Orthopedic
TREAT SCAPULA FRACTURE	23585	None	Orthopedic
TREAT RADIUS FRACTURE	24666	None	Orthopedic
DECOMPRESS FOREARM 1 SPACE	25020	None	Orthopedic
REREMOVE WRIST TENDON LESION	25112	None	Orthopedic
REMOVE WRIST/FOREARM LESION	25115	None	Orthopedic
REPAIR FOREARM TENDON/MUSCLE	25260	None	Orthopedic
TREAT FRACTURE OF RADIUS	25526	None	Orthopedic
TREAT FRACTURE OF ULNA	25545	None	Orthopedic
TREAT FRACTURE RADIUS & ULNA	25574	None	Orthopedic
REMOVE KNEE CYST	27347	None	Orthopedic
REPAIR/GRAFT OF THIGH MUSCLE	27386	None	Orthopedic
LAT RETINACULAR RELEASE OPEN	27425	None	Orthopedic
REMOVE LOWER LEG BONE LESION	27635	None	Orthopedic
RELEASE OF LOWER LEG TENDON	27680	None	Orthopedic
RECONSTRUCT LARYNX & PHARYNX	31395	None	ENT
EXPLORATION OF CHEST	32036	Intrathoracic	Nonesophageal thoracic
XPOSE FOR ENDOPROSTH, ILIAC	34820	None	Peripheral vascular
REPAIR ARTERY RUPTURE, KNEE	35152	None	Peripheral vascular
RECHANNELING OF ARTERY	35341	None	Peripheral vascular
ARTERY BYPASS GRAFT	35510	None	Peripheral vascular
ARTERY BYPASS GRAFT	35570	None	Peripheral vascular
LAPAROSCOPY, LYMPHADENECTOMY	38572	None	Skin
TONGUE AND MOUTH SURGERY	41599	None	ENT
REMOVAL OF ESOPHAGUS	43113	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF ESOPHAGUS	43124	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSE LIVER DUCTS & BOWEL	47765	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF PELVIC STRUCTURES	51597	None	Urologic
REMOVAL OF URETHRA LESION	53230	None	Urologic
REMOVAL OF PENIS	54125	None	Urologic
DRAINAGE OF GLAND ABSCESS	56420	None	Gynecologic
REPAIR RECTUM-VAGINA FISTULA	57305	None	Intestines
VAG HYST W/ENTEROCELE, COMPL	58294	None	Gynecologic
HYSTEROSCOPE PROCEDURE	58579	None	Gynecologic
REMOVE BRAIN ELECTRODES	61535	None	Brain
REMOVAL OF VERTEBRAL BODY	63087	None	Spinal
REMOVAL OF VERTEBRAL BODY	63102	None	Spinal
REVISE MIDDLE EAR & MASTOID	69644	None	ENT
DERMA-FAT-FASCIA GRAFT	15770	None	Skin
EXPLORE WOUND, CHEST	20101	None	Nonesophageal thoracic
EXCISE MAX/ZYGOMA MLG TUMOR	21034	None	ENT
RECONSTRUCT MIDFACE, LEFORT	21141	None	ENT
RECONSTRUCTION OF JAW JOINT	21240	None	ENT
TREATMENT OF SINUS FRACTURE	21343	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
DRAINAGE OF BONE LESION	21510	None	Orthopedic
SPINE & SKULL SPINAL FUSION	22590	None	Spinal
FUSION OF SPINE	22810	None	Spinal
INSERT SPINE FIXATION DEVICE	22840	None	Spinal
INSERT SPINE FIXATION DEVICE	22845	None	Spinal
REMOVE SPINE FIXATION DEVICE	22850	None	Spinal
REMOVE WRIST JOINT LINING	25105	None	Orthopedic
RELEASE WRIST/FOREARM TENDON	25295	None	Orthopedic
REVISE FINGER JOINT	26535	None	Orthopedic
RECONSTRUCTION OF HIP SOCKET	27122	None	Orthopedic
REVISION OF UNSTABLE KNEECAP	27422	None	Orthopedic
REVISION OF THIGH MUSCLES	27430	None	Orthopedic
REPAIR OF THIGH	27470	None	Orthopedic
EXPLORE/TREAT ANKLE JOINT	27610	None	Orthopedic
REPAIR/GRAFT ACHILLES TENDON	27652	None	Orthopedic
REPAIR OF LEG TENDON, EACH	27658	None	Orthopedic
SHOULDER ARTHROSCOPY/SURGERY	29819	None	Orthopedic
EXPLORE CHEST FREE ADHESIONS	32124	Intrathoracic	Nonesophageal thoracic
SLEEVE LOBECTOMY	32486	Intrathoracic	Nonesophageal thoracic
ASCENDING AORTIC GRAFT	33864	Intrathoracic	Aortic
INSERT ENDOVASC PROSTH, TAA	33883	Intrathoracic	Aortic
REPAIR BLOOD VESSEL LESION	35231	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35651	None	Peripheral vascular
ARTERIAL TRANSPOSITION	35691	Suprainguinal vascular	Peripheral vascular
EXCISION OF MOUTH LESION	40816	None	ENT
PARTIAL REMOVAL OF TONGUE	41130	None	ENT
SALIVARY SURGERY PROCEDURE	42699	None	ENT
EXCISION OF NECK CYST	42810	None	ENT
FUSE ESOPHAGUS & STOMACH	43320	Intraperitoneal	Foregut/hepatopancreatobiliary
GASTROINTESTINAL REPAIR	43360	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSION OF STOMACH AND BOWEL	43810	Intraperitoneal	Foregut/hepatopancreatobiliary
EXCISION OF BILE DUCT CYST	47715	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
SUTURE BILE DUCT INJURY	47900	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
DRAIN TO PERITONEAL CAVITY	49062	Intraperitoneal	Other abdomen
REIMPLANT URETER IN BLADDER	50785	None	Urologic
REMOVE URO SPHINCTER	53446	None	Urologic
REMOVAL OF PELVIS CONTENTS	58240	None	Urologic
OPEN SKULL FOR DRAINAGE	61315	None	Orthopedic
REMOVAL OF BRAIN LESION	61516	None	Brain
NECK SPINE DISK SURGERY	63076	None	Spinal
REMOVAL OF VERTEBRAL BODY	63090	None	Spinal
REPAIR SPINAL FLUID LEAKAGE	63709	None	Spinal
REVISION OF SCIATIC NERVE	64712	None	Spinal
FORM SKIN PEDICLE FLAP	15574	None	Skin
ENLARGE BREAST	19324	None	Breast
RECONST LWR JAW W/FIXATION	21196	None	Orthopedic
LUMBAR ARTIF DISKECTOMY	22857	None	Spinal
EXPLORATORY SHOULDER SURGERY	23040	None	Orthopedic
INCISION OF TENDON & MUSCLE	23405	None	Orthopedic
RECONSTRUCT HEAD OF RADIUS	24366	None	Orthopedic
TREAT ELBOW FRACTURE	24587	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVE WRIST TENDON LESION	25110	None	Orthopedic
REPAIR FOREARM TENDON/MUSCLE	25270	None	Orthopedic
TRANSPLANT HAND TENDON	26480	None	Orthopedic
REVISE/IMPLANT FINGER JOINT	26536	None	Orthopedic
REPAIR NONUNION HAND	26546	None	Orthopedic
HAND/FINGER SURGERY	26989	None	Orthopedic
EXPLORATION OF HIP JOINT	27033	None	Orthopedic
REMOVAL OF HIP BONE LESION	27066	None	Orthopedic
REMOVAL OF KNEECAP	27350	None	Orthopedic
REVISION OF UNSTABLE KNEECAP	27420	None	Orthopedic
REPAIR FIBULA NONUNION	27726	None	Orthopedic
REMOVAL OF LARYNX LESION	31300	None	ENT
PARTIAL REMOVAL OF LARYNX	31367	None	ENT
ENDOVASC PROSTH, DELAYED	33886	Intrathoracic	Aortic
REMOVAL OF VEIN CLOT	34490	Suprainguinal vascular	Vein
REPAIR BLOOD VESSEL LESION	35261	Suprainguinal vascular	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35281	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35537	None	Peripheral vascular
ARTERY BYPASS GRAFT	35538	None	Peripheral vascular
REMOVAL, ABDOMEN LYMPH NODES	38564	None	Other abdomen
PARTIAL EXCISION OF LIP	40510	None	ENT
TONGUE, MOUTH, NECK SURGERY	41153	None	ENT
LAP RESECT S/INTESTINE, ADDL	44203	Intraperitoneal	Intestines
BOWEL SURGERY PROCEDURE	44899	Intraperitoneal	Intestines
IMPLANT ARTIFICIAL SPHINCTER	46762	None	Anorectal
REMOVAL OF URETER	50650	None	Urologic
LAPAROSCOPE PROC, URETER	50949	None	Urologic
REPAIR OF BLADDER WOUND	51860	None	Urologic
REVISION OF BLADDER & BOWEL	51960	None	Urologic
REDUCE TESTIS TORSION	54600	None	Gynecologic
RESECT/EXCISE CRANIAL LESION	61608	None	Brain
INTRACRANIAL VESSEL SURGERY	61686	None	Brain
REVISE/REMOVE NEUROELECTRODE	61880	None	Brain
EXCISE INTRASPINAL LESION	63271	None	Spinal
ISLAND PEDICLE FLAP GRAFT	15740	None	Skin
EXTENSIVE CHEST WALL SURGERY	19272	None	Nonesophageal thoracic
REPAIR STERNUM/NUSS W/SCOPE	21743	None	Orthopedic
TREAT ODONTOID FX W/O GRAFT	22318	None	Spinal
TREAT SPINE FRACTURE	22325	None	Spinal
THORAX SPINE FUSION	22556	None	Spinal
REINSERT SPINAL FIXATION	22849	None	Spinal
RELEASE ELBOW JOINT	24006	None	Orthopedic
REVISION OF ULNA	25360	None	Orthopedic
DRAINAGE OF BONE LESION	26992	None	Orthopedic
RESECT HIP TUMOR	27075	None	Orthopedic
REPAIR/GRAFT FEMUR HEAD/NECK	27170	None	Orthopedic
TREAT HIP FRACTURE(S)	27227	None	Orthopedic
OPTX THIGH FX	27269	None	Orthopedic
REMOVAL OF KNEE CYST	27345	None	Orthopedic
REMOVAL OF FOREIGN BODY	27372	None	Orthopedic
REPAIR DEGENERATED KNEECAP	27418	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVE/GRAFT LEG BONE LESION	27638	None	Orthopedic
INCISION OF TIBIA	27705	None	Orthopedic
TREAT LOWER LEG FRACTURE	27826	None	Orthopedic
TREAT LOWER LEG DISLOCATION	27832	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29895	None	Orthopedic
REPAIR OF WINDPIPE	31750	None	ENT
AIRWAYS SURGICAL PROCEDURE	31899	Intrathoracic	Nonesophageal thoracic
EXPLORE/REPAIR CHEST	32110	Intrathoracic	Nonesophageal thoracic
TREAT PLEURODESIS W/AGENT	32560	Intrathoracic	Nonesophageal thoracic
REMOVAL OF VEIN CLOT	34451	Intrathoracic	Vein
BYPASS GRAFT, NOT VEIN	35623	None	Peripheral vascular
REPAIR OF RUPTURED SPLEEN	38115	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
DRAINAGE, LYMPH NODE LESION	38305	None	Skin
CHEST PROCEDURE	39499	Intrathoracic	Nonesophageal thoracic
REPAIR OF DIAPHRAGM HERNIA	39540	None	Hernia
REVISION OF DIAPHRAGM	39545	None	Nonesophageal thoracic
REMOVAL OF SALIVARY STONE	42330	None	ENT
REMOVAL OF ADENOIDS	42836	None	ENT
PARTIAL REMOVAL OF ESOPHAGUS	43123	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR OF ESOPHAGUS	43310	Intrathoracic	Foregut/hepatopancreatobiliary
GASTROINTESTINAL REPAIR	43361	Intraperitoneal	Foregut/hepatopancreatobiliary
BIOPSY OF STOMACH	43605	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVAL OF STOMACH, PARTIAL	43635	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR RECTOURETHRAL FISTULA	45820	None	Intestines
INJECT/ASPIRATE LIVER CYST	47015	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR LIVER WOUND	47361	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSE GALLBLADDER & BOWEL	47741	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
REVISE ABDOMEN-VENOUS SHUNT	49426	Suprainguinal vascular	Vein
REMOVAL KIDNEY OPEN, COMPLEX	50225	None	Urologic
LAPAROSCOPE PROC, RENAL	50549	None	Urologic
LAPARO NEW URETER/BLADDER	50948	None	Urologic
REPAIR BLADDER NECK	51845	None	Urologic
REPAIR OF BLADDER WOUND	51865	None	Urologic
CYSTO/URETERO W/UP STRICTURE	52345	None	Urologic
INCISE SKULL FOR SURGERY	61450	None	ENT
REMOVAL OF BRAIN ABSCESS	61514	None	Brain
REMOVAL OF BRAIN TISSUE	61540	None	Brain
REVISE CIRCULATION TO HEAD	61710	None	ENT
DECOMPRESS SPINAL CORD	63064	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63275	None	Spinal
REPAIR/TRANSPOSE NERVE	64856	None	Spinal
FORM SKIN PEDICLE FLAP	15576	None	Skin
REMOVE THIGH PRESSURE SORE	15956	None	Skin
BREAST RECONSTRUCTION	19369	None	Breast
REMOVAL OF JAW BONE LESION	21044	None	Skin
REMOVE MAXILLA CYST COMPLEX	21048	None	ENT
RIB CARTILAGE GRAFT	21230	None	Other abdomen
CRANIO/MAXILLOFACIAL SURGERY	21299	None	ENT
TREAT EYE SOCKET FRACTURE	21385	None	ENT
DRAIN CHEST LESION	21502	None	Nonesophageal thoracic
EXTENSIVE STERNUM SURGERY	21630	None	Nonesophageal thoracic

Description	CPT code	RCRI categorization	Gupta Categorization:
HYOID MYOTOMY & SUSPENSION	21685	None	ENT
CUT SPINE 3 COL, LUMB	22207	None	Spinal
TREAT NECK SPINE FRACTURE	22326	None	Spinal
SPINE SURGERY PROCEDURE	22899	None	Spinal
RELEASE SHOULDER JOINT	23020	None	Orthopedic
TREAT ELBOW DISLOCATION	24615	None	Orthopedic
AMPUTATION OF UPPER ARM	24900	None	Orthopedic
UPPER ARM/ELBOW SURGERY	24999	None	Orthopedic
RECONSTRUCT ULNA/RADIOULNAR	25337	None	Orthopedic
TENDON TRANSFER WITH GRAFT	26492	None	Orthopedic
RELEASE KNUCKLE CONTRACTURE	26520	None	Orthopedic
TREAT THUMB FRACTURE	26665	None	Orthopedic
REMOVE KNEE JOINT LINING	27335	None	Orthopedic
REPAIR OF KNEE LIGAMENT	27407	None	Orthopedic
RECONSTRUCTION, KNEE	27428	None	Orthopedic
REVISE KNEECAP	27437	None	Orthopedic
REVISION OF KNEE JOINT	27442	None	Orthopedic
REALIGNMENT OF KNEE	27457	None	Orthopedic
LEG SURGERY PROCEDURE	27599	None	Orthopedic
REPAIR OF ANKLE LIGAMENT	27695	None	Orthopedic
WRIST ARTHROSCOPY/SURGERY	29847	None	Orthopedic
SURGERY/SPEECH PROSTHESIS	31611	None	ENT
RECONSTRUCT WINDPIPE	31780	None	ENT
REMOVAL OF LUNG	32445	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32665	Intrathoracic	Nonesophageal thoracic
TRANSVERSE AORTIC ARCH GRAFT	33870	Suprainguinal vascular	Aortic
FEMORAL ENDOVAS GRAFT ADD-ON	34813	None	Peripheral vascular
REPAIR ARTERY RUPTURE, ARM	35013	Suprainguinal vascular	Peripheral vascular
REPAIR DEFECT OF ARTERY	35111	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35616	Suprainguinal vascular	Peripheral vascular
SPLICE SPLEEN/KIDNEY VEINS	37181	Suprainguinal vascular	Vein
REMOVAL OF LEG VEINS/LESION	37735	None	Vein
PARTIAL EXCISION OF LIP	40500	None	ENT
PARTIAL EXCISION OF LIP	40520	None	ENT
TONGUE, MOUTH, JAW SURGERY	41150	None	ENT
EXCISION LESION, MOUTH ROOF	42106	None	ENT
DRAINAGE OF THROAT ABSCESS	42725	None	ENT
CONTROL THROAT BLEEDING	42961	None	ENT
REPAIR OF ESOPHAGUS	43331	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSE ESOPHAGUS & INTESTINE	43340	Intraperitoneal	Foregut/hepatopancreatobiliary
SURGICAL REPAIR OF STOMACH	43502	Intraperitoneal	Foregut/hepatopancreatobiliary
VAGOTOMY & PYLORUS REPAIR	43641	Intraperitoneal	Foregut/hepatopancreatobiliary
EXPLORATION/REPAIR OF RECTUM	45563	Intraperitoneal	Intestines
REPAIR LIVER WOUND	47350	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSE UPPER GI STRUCTURES	47721	Intraperitoneal	Gallbladder, appendix, adrenals, or spleen
DRAINAGE OF ABDOMEN	48000	Intraperitoneal	Urologic
RENAL BIOPSY OPEN	50205	None	Urologic
REVISE URETER	50727	None	Urologic
REMOVAL OF URETHRA	53215	None	Urologic
REMOVAL OF SCROTUM	55150	None	Urologic
EXTENSIVE VULVA SURGERY	56631	None	Gynecologic

Description	CPT code	RCRI categorization	Gupta Categorization:
EXTENSIVE VULVA SURGERY	56632	None	Gynecologic
REPAIR OF VAGINA	56800	None	Gynecologic
REPAIR PARAVAG DEFECT, LAP	57423	None	Gynecologic
VAG HYST T/O & REPAIR, COMPL	58292	None	Gynecologic
ORBITOCRANIAL APPROACH/SKULL	61592	None	ENT
BRAIN ANEURYSM REPR, COMPLX	61698	None	Brain
REMOVAL OF SPINAL LAMINA	63016	None	Spinal
EXCISE INTRASPINAL LESION	63272	None	Spinal
REVISE FINGER/TOE NERVE	64702	None	Spinal
INTERNAL NERVE REVISION	64727	None	Spinal
REPAIR OF HAND OR FOOT NERVE	64834	None	Spinal
REPAIR EARDRUM STRUCTURES	69635	None	ENT
REBUILD EARDRUM STRUCTURES	69637	None	ENT
SKIN GRAFT	15610	None	Skin
REMOVE SACRUM PRESSURE SORE	15934	None	Skin
REMOVE HIP PRESSURE SORE	15941	None	Skin
REMOVE HIP PRESSURE SORE	15944	None	Skin
SP BONE ALGRFT MORSEL ADD-ON	20930	None	Spinal
EXCISE LWR JAW CYST W/REPAIR	21047	None	ENT
TREAT LOWER JAW FRACTURE	21454	None	Orthopedic
TREAT DISLOCATION/FRACTURE	23670	None	Orthopedic
TREAT HUMERUS FRACTURE	24579	None	Orthopedic
TREAT FRACTURE ULNAR STYLOID	25652	None	Orthopedic
FOREARM OR WRIST SURGERY	25999	None	Orthopedic
REVISE FINGER JOINT, EACH	26135	None	Orthopedic
RELEASE PALM & FINGER TENDON	26442	None	Orthopedic
PIN HAND DISLOCATION	26676	None	Orthopedic
PARTIAL REMOVAL OF HIP BONE	27071	None	Orthopedic
REMOVE HIP FOREIGN BODY	27087	None	Orthopedic
INCISE THIGH TENDON & FASCIA	27305	None	Orthopedic
REMOVAL OF KNEE CARTILAGE	27333	None	Orthopedic
REPAIR OF KNEE LIGAMENT	27405	None	Orthopedic
AMPUTATE LEG AT THIGH	27591	None	Orthopedic
EXPLORE/TREAT ANKLE JOINT	27620	None	Orthopedic
TREAT ANKLE DISLOCATION	27848	None	Orthopedic
DECOMPRESSION OF LEG	27893	None	Orthopedic
TREAT/GRAFT HEEL FRACTURE	28420	None	Orthopedic
ELBOW ARTHROSCOPY/SURGERY	29837	None	Orthopedic
HIP ARTHROSCOPY/SURGERY	29861	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29887	None	Orthopedic
REMOVAL OF CHEST LINING	32310	Intrathoracic	Nonesophageal thoracic
LUNG VOLUME REDUCTION	32491	Intrathoracic	Nonesophageal thoracic
TRANSPOSITION OF VEIN VALVE	34510	Suprainguinal vascular	Vein
ENDOVAS ILIAC A DEVICE ADDON	34808	None	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35184	None	Peripheral vascular
ARTERY BYPASS GRAFT	35626	None	Peripheral vascular
REMOVAL, NECK/ARMPIT LESION	38550	None	Skin
RECONSTRUCT LIP WITH FLAP	40525	None	ENT
PARTIAL REMOVAL OF LIP	40530	None	ENT
EXCISE/REPAIR MOUTH LESION	40814	None	ENT
EXCISION OF GUM LESION	41825	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVAL OF SALIVARY STONE	42335	None	ENT
REMOVAL OF SALIVARY STONE	42340	None	ENT
EXPLORATION/REPAIR OF RECTUM	45562	Intraperitoneal	Intestines
LAPARO W/CHOLANGIO/BIOPSY	47561	Intraperitoneal	Intestines
LAPARO CHOLECYSTOENTEROSTOMY	47570	Intraperitoneal	Intestines
EXCISION OF BILE DUCT TUMOR	47712	Intraperitoneal	Foregut/hepatopancreatobiliary
REVISE URETER	50728	None	Urologic
REMOVAL OF BLADDER LESION	51525	None	Urologic
REVISE BLADDER & URETER(S)	51565	None	Urologic
CYSTOURETHRO CUT EJACUL DUCT	52402	None	Gynecologic
INCISION OF URETHRA	53010	None	Urologic
REVISION OF PENIS	54430	None	Urologic
EXPLORATION OF VAGINA	57000	None	Gynecologic
DRAINAGE OF PELVIC ABSCESS	57010	None	Gynecologic
REPAIR OVIDUCT	58750	None	Gynecologic
DRAINAGE OF OVARIAN CYST(S)	58805	None	Gynecologic
REMOVE CAROTID BODY LESION	60605	Suprainguinal vascular	Peripheral vascular
INCISE SKULL FOR SURGERY	61460	None	ENT
REMOVAL OF BRAIN TISSUE	61538	None	Brain
EXCISION OF BRAIN TUMOR	61545	None	Brain
ORBITOCRANIAL APPROACH/SKULL	61584	None	ENT
REMOVAL OF VERTEBRAL BODY	63085	None	Spinal
REMOVAL OF VERTEBRAL BODY	63101	None	Spinal
DRAINAGE OF SPINAL CYST	63172	None	Spinal
RELEASE OF SPINAL CORD	63200	None	Spinal
EXCISE INTRASPINAL LESION	63265	None	Spinal
REMOVE SYMPATHETIC NERVES	64818	None	Spinal
SKIN FULL GRAFT ADD-ON	15221	None	Skin
SKIN AND MUSCLE REPAIR, FACE	15845	None	Skin
REMOVE SACRUM PRESSURE SORE	15933	None	Skin
REMOVE HIP PRESSURE SORE	15940	None	Skin
REMOVE HIP PRESSURE SORE	15945	None	Skin
EXPLORE WOUND, NECK	20100	None	ENT
SP BONE ALGRFT STRUCT ADD-ON	20931	None	Spinal
SP BONE AGRFT LOCAL ADD-ON	20936	None	Spinal
EXCISION OF FACIAL BONE(S)	21026	None	ENT
RECONSTRUCT MIDFACE, LEFORT	21143	None	ENT
RECONSTRUCTION OF STERNUM	21740	None	Orthopedic
REMOVE PART OF NECK VERTEBRA	22100	None	Spinal
REMOVE SPINE FIXATION DEVICE	22855	None	Spinal
EXPLORATORY SHOULDER SURGERY	23044	None	Orthopedic
REMOVE SHOULDER FOREIGN BODY	23332	None	Orthopedic
REVISION OF COLLAR BONE	23480	None	Orthopedic
EXPLORATORY ELBOW SURGERY	24000	None	Orthopedic
PARTIAL REMOVAL OF ARM BONE	24140	None	Orthopedic
REMOVAL OF ARM FOREIGN BODY	24201	None	Orthopedic
ARM TENDON LENGTHENING	24305	None	Orthopedic
RECONSTRUCT ELBOW LAT LIGMNT	24344	None	Orthopedic
RECONSTRUCT ELBOW MED LIGMNT	24346	None	Orthopedic
TREAT ELBOW FRACTURE	24635	None	Orthopedic
DECOMPRESS FOREARM 1 SPACE	25023	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
EXPLORE/TREAT WRIST JOINT	25040	None	Orthopedic
REPAIR FOREARM TENDON/MUSCLE	25265	None	Orthopedic
TRANSPLANT FOREARM TENDON	25312	None	Orthopedic
AMPUTATION OF FOREARM	25900	None	Orthopedic
REMOVAL OF FINGER TENDON	26180	None	Orthopedic
REPAIR FINGER/HAND TENDON	26426	None	Orthopedic
REPAIR FINGER TENDON	26433	None	Orthopedic
INCISION OF FINGER TENDON	26455	None	Orthopedic
CORRECT FINGER DEFORMITY	26567	None	Orthopedic
TREAT FINGER DISLOCATION	26785	None	Orthopedic
DRAINAGE OF PELVIS BURSA	26991	None	Orthopedic
PARTIAL REMOVAL OF HIP BONE	27070	None	Orthopedic
TREAT PELVIC RING FRACTURE	27217	None	Orthopedic
TREAT HIP WALL FRACTURE	27226	None	Orthopedic
RESECT FEMUR/KNEE TUMOR	27365	None	Orthopedic
SURGERY TO STOP LEG GROWTH	27477	None	Orthopedic
DECOMPRESSION OF THIGH/KNEE	27499	None	Orthopedic
TREATMENT OF THIGH FRACTURE	27509	None	Orthopedic
REPAIR OF LEG TENDON, EACH	27659	None	Orthopedic
REPAIR OF LEG TENDON, EACH	27664	None	Orthopedic
REPAIR OF ANKLE LIGAMENTS	27696	None	Orthopedic
REVISION OF ANKLE JOINT	27700	None	Orthopedic
RECONSTRUCTION, ANKLE JOINT	27703	None	Orthopedic
INCISION OF TIBIA & FIBULA	27709	None	Orthopedic
SHOULDER ARTHROSCOPY/SURGERY	29820	None	Orthopedic
ELBOW ARTHROSCOPY/SURGERY	29834	None	Orthopedic
TIBIAL ARTHROSCOPY/SURGERY	29855	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29899	None	Orthopedic
REVISION OF LARYNX	31400	None	ENT
REPAIR WINDPIPE OPENING	31614	None	ENT
REMOVE WINDPIPE LESION	31785	None	ENT
EXPLORATION OF CHEST	32035	None	Nonesophageal thoracic
REMOVAL OF LUNG LESION(S)	32140	Intrathoracic	Nonesophageal thoracic
RESECT APICAL LUNG TUMOR	32503	Intrathoracic	Nonesophageal thoracic
RESECT APICAL LUNG TUM/CHEST	32504	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32654	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32661	Intrathoracic	Nonesophageal thoracic
ARTERY TRANSPOSE/ENDOAVAS TAA	33889	Intrathoracic	Aortic
XPOSE FOR ENDOPROSTH, ILIAC	34833	None	Peripheral vascular
REPAIR DEFECT OF ARTERY	35021	Suprainguinal vascular	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35207	Suprainguinal vascular	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35251	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35509	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35526	Suprainguinal vascular	Peripheral vascular
HARVEST FEMOROPOPLITEAL VEIN	35572	None	Vein
COMPOSITE BYPASS GRAFT	35682	None	Peripheral vascular
EXCISION, GRAFT, NECK	35901	Suprainguinal vascular	Peripheral vascular
EXCISION, GRAFT, THORAX	35905	Suprainguinal vascular	Peripheral vascular
ENDOSCOPY LIGATE PERF VEINS	37500	None	Vein
DRAINAGE OF MOUTH LESION	41000	None	ENT
EXCISION OF SALIVARY CYST	42408	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
EXCISE PAROTID GLAND/LESION	42425	None	ENT
EXTENSIVE SURGERY OF THROAT	42842	None	ENT
EXCISION OF ESOPHAGUS LESION	43101	None	ENT
PARTIAL REMOVAL OF ESOPHAGUS	43118	Intraperitoneal	Foregut/hepatopancreatobiliary
LIGATE/STAPLE ESOPHAGUS	43405	Intraperitoneal	Foregut/hepatopancreatobiliary
SURGICAL REVISION, INTESTINE	44680	Intraperitoneal	Intestines
REMOVAL OF ANORECTAL LESION	45108	None	Anorectal
REMOVAL OF RECTUM AND COLON	45121	None	Anorectal
RECONSTRUCTION OF ANUS	46753	None	Anorectal
SURGERY OF PANCREATIC CYST	48500	Intraperitoneal	Foregut/hepatopancreatobiliary
DUODENAL EXCLUSION	48547	Intraperitoneal	Foregut/hepatopancreatobiliary
RENAL ABSCESS, OPEN DRAIN	50020	None	Urologic
REMOVE RENAL TUBE W/FLUORO	50389	None	Urologic
REVISION OF KIDNEY/URETER	50400	None	Urologic
FUSION OF URETERS	50760	None	Urologic
CYSTOURETERO W/CONGEN REPR	52400	None	Urologic
INCISION OF URETHRA	53000	None	Urologic
REMOVE/REVISE MALE SLING	53442	None	Urologic
PARTIAL REMOVAL OF PENIS	54120	None	Urologic
LAPARO LIGATE SPERMATIC VEIN	55550	None	Urologic
EXTENSIVE VULVA SURGERY	56637	None	Gynecologic
REVISION OF CERVIX	57720	None	Gynecologic
FIMBRIOPLASTY	58760	None	Gynecologic
CREATE NEW TUBAL OPENING	58770	None	Gynecologic
TREAT ECTOPIC PREGNANCY	59140	None	Gynecologic
REMOVE THYROID DUCT LESION	60281	None	Neck
OPEN SKULL FOR EXPLORATION	61305	None	ENT
REMOVAL OF BRAIN LESION	61530	None	Brain
REMOVAL OF BRAIN LESION	61536	None	Brain
INCISE SKULL/SUTURES	61556	None	ENT
SKULL BASE/BRAINSTEM SURGERY	61575	None	Brain
REMOVAL OF SPINAL LAMINA	63011	None	Spinal
SPINE DISK SURGERY, THORAX	63077	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63285	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63290	None	Spinal
REPAIR OF HAND OR FOOT NERVE	64836	None	Spinal
REPAIR ARM/LEG NERVE	64857	None	Spinal
EXTENSIVE MASTOID SURGERY	69511	None	ENT
MASTOID SURGERY REVISION	69604	None	ENT
FORM SKIN PEDICLE FLAP	15572	None	Skin
TRANSFER SKIN PEDICLE FLAP	15650	None	Skin
REMOVE SACRUM PRESSURE SORE	15935	None	Skin
CORRECT INVERTED NIPPLE(S)	19355	None	Breast
FIBULA BONE GRAFT, MICROVASC	20955	None	Orthopedic
REMOVE MANDIBLE CYST COMPLEX	21046	None	ENT
RECONSTRUCTION OF CHIN	21120	None	ENT
RECONSTRUCT CRANIAL BONE	21182	None	ENT
TREAT EYE SOCKET FRACTURE	21406	None	ENT
TREAT MOUTH ROOF FRACTURE	21423	None	ENT
TREAT LOWER JAW FRACTURE	21465	None	ENT
REVISION OF NECK MUSCLE	21720	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
TREATMENT OF RIB FRACTURE(S)	21810	None	Orthopedic
REMOVE PART, LUMBAR VERTEBRA	22102	None	Spinal
PARTIAL REMOVAL OF HUMERUS	23222	None	Orthopedic
MUSCLE TRANSFER, SHOULDER/ARM	23395	None	Orthopedic
REPAIR SHOULDER CAPSULE	23462	None	Orthopedic
REPAIR SHOULDER CAPSULE	23466	None	Orthopedic
TREAT SHOULDER DISLOCATION	23660	None	Orthopedic
REMOVE ELBOW JOINT LINING	24102	None	Orthopedic
DECOMPRESSION OF FOREARM	24495	None	Orthopedic
TREAT HUMERUS FRACTURE	24575	None	Orthopedic
EXPLORE/TREAT WRIST JOINT	25101	None	Orthopedic
REMOVAL OF FOREARM LESION	25120	None	Orthopedic
REMOVE FOREARM BONE LESION	25145	None	Orthopedic
PARTIAL REMOVAL OF ULNA	25150	None	Orthopedic
PARTIAL REMOVAL OF RADIUS	25230	None	Orthopedic
PARTIAL REMOVAL OF ULNA	25240	None	Orthopedic
RELEASE PALM CONTRACTURE	26125	None	Orthopedic
REVISE KNUCKLE JOINT	26530	None	Orthopedic
REPAIR HAND JOINT WITH GRAFT	26542	None	Orthopedic
RECONSTRUCT FINGER JOINT	26548	None	Orthopedic
CORRECT METACARPAL FLAW	26565	None	Orthopedic
TREAT THUMB FRACTURE	26650	None	Orthopedic
TREAT HAND DISLOCATION	26686	None	Orthopedic
INCISION OF HIP TENDONS	27006	None	Orthopedic
RESECT HIP TUM INCL ACETABUL	27076	None	Orthopedic
REMOVE FEMUR LESION/GRAFT	27356	None	Orthopedic
OSTEOCHONDRAL KNEE ALLOGRAFT	27415	None	Orthopedic
OSTEOCHONDRAL KNEE AUTOGRAFT	27416	None	Orthopedic
REVISION OF KNEE JOINT	27443	None	Orthopedic
REALIGNMENT OF THIGH BONE	27454	None	Orthopedic
DECOMPRESSION OF THIGH/KNEE	27496	None	Orthopedic
DECOMPRESSION OF THIGH/KNEE	27498	None	Orthopedic
TREAT KNEE FRACTURE	27540	None	Orthopedic
TREAT KNEECAP DISLOCATION	27566	None	Orthopedic
DRAIN LOWER LEG BURSA	27604	None	Orthopedic
REPAIR OF LEG TENDON, EACH	27665	None	Orthopedic
REPAIR LOWER LEG TENDONS	27675	None	Orthopedic
REVISE ADDITIONAL LEG TENDON	27692	None	Orthopedic
TREATMENT OF TIBIA FRACTURE	27756	None	Orthopedic
OPTX POST ANKLE FX	27769	None	Orthopedic
AUTGRFT IMPLNT, KNEE W/SCOPE	29866	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29892	None	Orthopedic
PARTIAL REMOVAL OF LARYNX	31370	None	ENT
REVISION OF LARYNX	31580	None	ENT
REMOVE WINDPIPE LESION	31786	None	ENT
REMOVAL OF LUNG LESION	32540	Intrathoracic	Nonesophageal thoracic
REPAIR LUNG HERNIA	32800	Intrathoracic	Nonesophageal thoracic
CLOSE BRONCHIAL FISTULA	32815	Intrathoracic	Nonesophageal thoracic
INSERT MAJOR VESSEL GRAFT	33330	Suprainguinal vascular	Aortic
SURGERY OF GREAT VESSEL	33916	Intrathoracic	Nonesophageal thoracic
XPOSE, ENDOPROSTH, BRACHIAL	34834	Suprainguinal vascular	Peripheral vascular

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR ARTERY RUPTURE, BELLY	35122	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35535	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35612	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35634	Suprainguinal vascular	Peripheral vascular
ENDOVENOUS LASER VEIN ADDON	36479	Suprainguinal vascular	Vein
LIGATION OF NECK ARTERY	37600	Suprainguinal vascular	Peripheral vascular
REMOVAL CHEST LESION	39200	None	Nonesophageal thoracic
REPAIR DIAPHRAGM LACERATION	39501	None	Nonesophageal thoracic
DRAINAGE OF MOUTH LESION	41008	None	ENT
TREATMENT MOUTH ROOF LESION	42160	None	ENT
DRAINAGE OF SALIVARY GLAND	42300	None	ENT
DRAINAGE OF SALIVARY GLAND	42305	None	ENT
REPAIR SALIVARY DUCT	42500	None	ENT
EXTENSIVE SURGERY OF THROAT	42844	None	ENT
PARTIAL REMOVAL OF PHARYNX	42890	None	ENT
RECONSTRUCTION OF THROAT	42950	None	ENT
REPAIR ESOPHAGUS AND FISTULA	43305	Intrathoracic	Foregut/hepatopancreatobiliary
SURGICAL OPENING, ESOPHAGUS	43352	Intrathoracic	Foregut/hepatopancreatobiliary
REPAIR ESOPHAGUS OPENING	43420	Intrathoracic	Foregut/hepatopancreatobiliary
PARTIAL REMOVAL OF RECTUM	45116	None	Intestines
REPAIR RECT/BLADDER FISTULA	45800	Intraperitoneal	Intestines
REPAIR LIVER WOUND	47360	Intrathoracic	Foregut/hepatopancreatobiliary
RECONSTRUCTION OF BILE DUCTS	47800	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR UMBILICAL LESION	49600	None	Other abdomen
REMOVAL OF KIDNEY STONE	50130	None	Urologic
REMOVAL OF KIDNEY LESION	50280	None	Urologic
REVISION OF KIDNEY/URETER	50405	None	Urologic
REVISION OF URETER	50700	None	Urologic
FUSION OF URETER & KIDNEY	50740	None	Urologic
FUSION OF URETER & BOWEL	50810	None	Urologic
REMOVAL OF BLADDER LESION	51530	None	Urologic
REVISION OF PENIS	54435	None	Urologic
REVISION OF SCROTUM	55175	None	Urologic
EXTENSIVE VULVA SURGERY	56633	None	Gynecologic
REPAIR VAGINA/PERINEUM	57210	None	Gynecologic
REVISION OF URETHRA	57220	None	Urologic
REMOVAL OF RESIDUAL CERVIX	57550	None	Gynecologic
RESECT RECUR GYN MAL W/LYM	58958	None	Gynecologic
LAPARO PROC, ENDOCRINE	60659	Intraperitoneal	Other abdomen
DECOMPRESSIVE LOBECTOMY	61323	None	Brain
REMOVE INFECTED SKULL BONE	61501	None	Brain
REMOVAL OF PITUITARY GLAND	61546	None	Brain
EXCISION OF SKULL TUMOR	61563	None	Brain
CRANIOFACIAL APPROACH, SKULL	61582	None	Brain
INFRA TEMPORAL APPROACH/SKULL	61591	None	Brain
TRANSTEMPORAL APPROACH/SKULL	61595	None	Brain
INTRACRANIAL VESSEL SURGERY	61684	None	Brain
CERVICAL LAMINOPLASTY	63050	None	Gynecologic
EXCISE INTRASPINAL LESION	63270	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63280	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63287	None	Spinal

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVE SYMPATHETIC NERVES	64821	None	Skin
NERVE GRAFT, ARM OR LEG	64897	None	Skin
NERVE GRAFT, ARM OR LEG	64898	None	Skin
MASTOID SURGERY REVISION	69601	None	ENT
FORM SKIN PEDICLE FLAP	15570	None	Skin
GRAFT FOR FACE NERVE PALSY	15840	None	Skin
COMP MULTIPLANE EXT FIXATION	20696	None	Orthopedic
REPLANTATION THUMB, COMPLETE	20827	None	Orthopedic
REMOVAL OF FASCIA FOR GRAFT	20922	None	Orthopedic
INCISION OF JAW JOINT	21010	None	Orthopedic
REDUCTION OF FOREHEAD	21139	None	ENT
RECONSTRUCT MIDFACE, LEFORT	21142	None	ENT
TREATMENT OF SINUS FRACTURE	21344	None	ENT
TREAT NOSE/JAW FRACTURE	21347	None	ENT
TREAT CHEEK BONE FRACTURE	21355	None	ENT
TREAT STERNUM FRACTURE	21825	None	Orthopedic
REVISION OF THORAX SPINE	22212	None	Spinal
REVISE, EXTRA SPINE SEGMENT	22216	None	Spinal
SHOULDER JOINT SURGERY	23101	None	Orthopedic
REMOVAL OF BONE LESION	23146	None	Orthopedic
REMOVAL OF HUMERUS LESION	23156	None	Orthopedic
REMOVE COLLAR BONE LESION	23180	None	Orthopedic
RESECT CLAVICLE TUMOR	23200	None	Orthopedic
RESECT PROX HUMERUS TUMOR	23220	None	Orthopedic
FUSION OF SHOULDER JOINT	23800	None	Orthopedic
DRAIN ARM/ELBOW BONE LESION	23935	None	Orthopedic
REMOVE HUMERUS LESION	24110	None	Orthopedic
REMOVAL OF HEAD OF RADIUS	24130	None	Orthopedic
MUSCLE/TENDON TRANSFER	24301	None	Orthopedic
REPAIR OF BICEPS TENDON	24340	None	Orthopedic
RECONSTRUCT HEAD OF RADIUS	24365	None	Orthopedic
INCISION OF WRIST CAPSULE	25085	None	Orthopedic
REMOVE WRIST JOINT CARTILAGE	25107	None	Orthopedic
REMOVAL OF WRIST LESION	25130	None	Orthopedic
PARTIAL REMOVAL OF RADIUS	25151	None	Orthopedic
REMOVAL OF WRIST BONE	25210	None	Orthopedic
REPAIR FOREARM TENDON/MUSCLE	25272	None	Orthopedic
REVISE WRIST/FOREARM TENDON	25280	None	Orthopedic
INCISE WRIST/FOREARM TENDON	25290	None	Orthopedic
REVISE WRIST JOINT	25332	None	Orthopedic
REPAIR NONUNION CARPAL BONE	25431	None	Orthopedic
TREAT WRIST BONE FRACTURE	25645	None	Orthopedic
AMPUTATION OF HAND	25927	None	Orthopedic
EXC HAND TUM RA < 3 CM	26117	None	Skin
PARTIAL REMOVAL, FINGER BONE	26235	None	Orthopedic
REPAIR/GRAFT HAND TENDON	26358	None	Orthopedic
REVISE HAND/FINGER TENDON	26390	None	Orthopedic
REPAIR/GRAFT FINGER TENDON	26420	None	Orthopedic
REALIGNMENT OF TENDONS	26437	None	Orthopedic
RELEASE FOREARM/HAND TENDON	26449	None	Orthopedic
INCISE HAND/FINGER TENDON	26460	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
FUSION OF FINGER TENDONS	26471	None	Orthopedic
REVISE THUMB TENDON	26496	None	Orthopedic
FINGER TENDON TRANSFER	26497	None	Orthopedic
REPAIR HAND JOINT WITH GRAFT	26541	None	Orthopedic
REPAIR OF WEB FINGER	26561	None	Orthopedic
TREAT KNUCKLE DISLOCATION	26715	None	Orthopedic
EXCISION OF HIP JOINT/MUSCLE	27036	None	Orthopedic
RECONSTRUCTION OF HIP SOCKET	27120	None	Orthopedic
INCISION OF HIP BONE	27146	None	Orthopedic
REPAIR/GRAFT KNEECAP TENDON	27381	None	Orthopedic
REPAIR OF KNEE CARTILAGE	27403	None	Orthopedic
REVISION OF KNEE JOINT	27441	None	Orthopedic
REALIGNMENT OF KNEE	27455	None	Orthopedic
DECOMPRESSION OF THIGH/KNEE	27497	None	Orthopedic
FUSION OF KNEE	27580	None	Orthopedic
PARTIAL REMOVAL OF FIBULA	27641	None	Orthopedic
REPAIR LOWER LEG TENDONS	27676	None	Orthopedic
REVISION OF LOWER LEG	27715	None	Orthopedic
TREAT ANKLE DISLOCATION	27846	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29851	None	Orthopedic
SCOPE, PLANTAR FASCIOTOMY	29893	None	Skin
DIAGNOSTIC INCISION, LARYNX	31320	None	ENT
REVISION OF LARYNX	31587	None	ENT
SLEEVE PNEUMONECTOMY	32442	Intrathoracic	Nonesophageal thoracic
ASCENDING AORTIC GRAFT	33861	Intrathoracic	Aortic
CAR-CAR BP GRFT/ENDOVAS TAA	33891	Intrathoracic	Aortic
REMOVAL OF VEIN CLOT	34401	Intrathoracic	Vein
CROSS-OVER VEIN GRAFT	34520	None	Vein
REPAIR BLOOD VESSEL LESION	35188	Suprainguinal vascular	Vein
REPAIR BLOOD VESSEL LESION	35271	Intrathoracic	Peripheral vascular
RECHANNELING OF ARTERY	35311	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35516	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35551	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35563	Suprainguinal vascular	Peripheral vascular
COMPOSITE BYPASS GRAFT	35681	Suprainguinal vascular	Peripheral vascular
ARTERIAL TRANSPOSITION	35695	Suprainguinal vascular	Peripheral vascular
REPAIR VESSEL GRAFT DEFECT	35870	None	Peripheral vascular
LIGATION OF NECK VEIN	37565	Suprainguinal vascular	Vein
LIGATION OF NECK ARTERY	37615	Suprainguinal vascular	Peripheral vascular
REMOVAL, NECK/ARMPIT LESION	38555	None	Skin
REPAIR CLEFT LIP/NASAL	40720	None	ENT
TREATMENT OF MOUTH LESION	40820	None	ENT
DRAINAGE OF MOUTH LESION	41006	None	ENT
DRAINAGE OF MOUTH LESION	41009	None	ENT
EXCISION LESION, MOUTH ROOF	42107	None	ENT
RECONSTRUCT CLEFT PALATE	42215	None	ENT
REPAIR SALIVARY DUCT	42505	None	ENT
EXTENSIVE SURGERY OF THROAT	42845	None	ENT
REPAIR OF ESOPHAGUS	43300	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR ESOPHAGUS AND FISTULA	43312	Intraperitoneal	Foregut/hepatopancreatobiliary
INCISION OF PYLORIC MUSCLE	43520	Intraperitoneal	Foregut/hepatopancreatobiliary

Description	CPT code	RCRI categorization	Gupta Categorization:
LAPAROSCOPY, VAGUS NERVE	43651	Intraperitoneal	Other abdomen
ENTERECTOMY W/TAPER, CONG	44127	Intraperitoneal	Intestines
COLOSTOMY WITH BIOPSIES	44322	Intraperitoneal	Intestines
EXCISION OF RECTAL STRICTURE	45150	Intraperitoneal	Intestines
REPR PER/VAG POUCH DBL PROC	46712	None	Gynecologic
REPAIR OF ANAL SPHINCTER	46760	None	Anorectal
TREATMENT OF ANAL FISSURE	46942	None	Anorectal
REPAIR LIVER WOUND	47362	Intraperitoneal	Foregut/hepatopancreatobiliary
INCISION OF BILE DUCT	47425	Intraperitoneal	Foregut/hepatopancreatobiliary
FUSE LIVER DUCT & INTESTINE	47802	Intraperitoneal	Foregut/hepatopancreatobiliary
DRAIN, PERCUT, RETROPER ABSC	49061	None	Other abdomen
MULTIPLE SURGERY, ABDOMEN	49220	None	Other abdomen
EXPLORATION OF KIDNEY	50010	None	Urologic
REMOVAL OF KIDNEY STONE	50075	None	Urologic
CRYOABLATE RENAL MASS OPEN	50250	None	Anorectal
IMPLANT URETER IN BOWEL	50800	None	Urologic
REMOVAL OF BLADDER	51570	None	Urologic
REMOVAL OF BLADDER & NODES	51575	None	Urologic
CONSTRUCT BLADDER OPENING	51980	None	Urologic
DRAINAGE OF PROSTATE ABSCESS	52700	None	Urologic
TREATMENT OF URETHRA LESION	53265	None	Urologic
RECONSTRUCTION OF URETHRA	53430	None	Urologic
REVISION OF URETHRA	53450	None	Urologic
TREATMENT OF PENIS LESION	54110	None	Urologic
TREAT PENIS LESION, GRAFT	54111	None	Urologic
TREAT PENIS LESION, GRAFT	54112	None	Urologic
REPAIR OF PENIS	54440	None	Urologic
REVISION OF TESTIS	54660	None	Urologic
LAPAROSCOPY, ORCHIECTOMY	54690	None	Urologic
REVISION OF SCROTUM	55180	None	Urologic
REMOVE VAGINA TISSUE, PART	57107	None	Gynecologic
REPAIR BLADDER-VAGINA LESION	57330	None	Gynecologic
HYSTERECTOMY/REVISE VAGINA	58280	None	Gynecologic
REVISION OF UTERUS	58540	None	Gynecologic
DRAIN OVARY ABSCESS, PERCUT	58822	None	Gynecologic
REMOVAL OF BRAIN LESION	61521	None	Brain
REMOVAL OF BRAIN LESION	61524	None	Brain
REMOVAL OF BRAIN TISSUE	61539	None	Brain
CRANIOFACIAL APPROACH, SKULL	61581	None	Brain
ORBITOCRANIAL APPROACH/SKULL	61585	None	Brain
RESECT/EXCISE LESION, SKULL	61615	None	Brain
REPAIR SKULL CAVITY LESION	62120	None	Brain
INCISE SKULL REPAIR	62121	None	Brain
LAMINOTOMY, ADDL CERVICAL	63043	None	Spinal
LAMINOTOMY, ADDL LUMBAR	63044	None	Spinal
REVISE HAND/FOOT NERVE	64704	None	Skin
REMOVE SYMPATHETIC NERVES	64809	None	Skin
MASTOID SURGERY REVISION	69602	None	ENT
MASTOID SURGERY REVISION	69603	None	ENT
NEUROVASCULAR PEDICLE GRAFT	15750	None	Skin
REMOVE THIGH PRESSURE SORE	15950	None	Skin

Description	CPT code	RCRI categorization	Gupta Categorization:
PLACE BREAST RAD TUBE/CATHS	19298	None	Breast
SP BONE AGRFT STRUCT ADD-ON	20938	None	Spinal
CONTOUR OF FACE BONE LESION	21029	None	ENT
REMOVAL OF JAW JOINT	21050	None	Orthopedic
RECONSTRUCTION OF CHIN	21121	None	ENT
RECONSTRUCT ORBIT/FOREHEAD	21172	None	ENT
RECONSTRUCT CRANIAL BONE	21183	None	ENT
RECONSTRUCTION OF MIDFACE	21188	None	ENT
RECONSTR LWR JAW W/ADVANCE	21199	None	Orthopedic
LOWER JAW BONE GRAFT	21215	None	ENT
RECONSTRUCTION OF JAW JOINT	21243	None	Orthopedic
RECONSTRUCTION OF ORBIT	21256	None	ENT
REVISION, ORBITOFACIAL BONES	21275	None	ENT
TREAT EYE SOCKET FRACTURE	21387	None	ENT
TREAT EYE SOCKET FRACTURE	21395	None	ENT
TREAT DENTAL RIDGE FRACTURE	21445	None	ENT
CUT SPINE 3 COL, THOR	22206	None	Spinal
NECK SPINE FUSION	22548	None	Spinal
INSERT SPINE FIXATION DEVICE	22846	None	Spinal
DRAIN SHOULDER BONE LESION	23035	None	Orthopedic
REINFORCE SHOULDER BONES	23491	None	Orthopedic
TREAT CLAVICLE DISLOCATION	23530	None	Orthopedic
TREAT DISLOCATION/FRACTURE	23680	None	Orthopedic
AMPUTATION OF ARM & GIRDLE	23900	None	Orthopedic
AMPUTATION AT SHOULDER JOINT	23920	None	Orthopedic
REPR ELBW MED LIGMNT W/TISSU	24345	None	Orthopedic
REVISION OF HUMERUS	24400	None	Orthopedic
AMPUTATION OF UPPER ARM	24920	None	Orthopedic
DECOMPRESS FOREARM 2 SPACES	25024	None	Orthopedic
RESECT RADIUS/ULNAR TUMOR	25170	None	Orthopedic
REVISION OF RADIUS	25350	None	Orthopedic
REVISE RADIUS & ULNA	25365	None	Orthopedic
REPAIR/GRAFT RADIUS & ULNA	25420	None	Orthopedic
REINFORCE RADIUS	25490	None	Orthopedic
REINFORCE RADIUS AND ULNA	25492	None	Orthopedic
TREAT WRIST DISLOCATION	25670	None	Orthopedic
AMPUTATION FOLLOW-UP SURGERY	25929	None	Orthopedic
AMPUTATION FOLLOW-UP SURGERY	25931	None	Orthopedic
REMOVE WRIST JOINT LINING	26130	None	Orthopedic
REMOVE/GRAFT BONE LESION	26205	None	Orthopedic
REMOVE/GRAFT FINGER LESION	26215	None	Orthopedic
PARTIAL REMOVAL OF HAND BONE	26230	None	Orthopedic
REPAIR FINGER/HAND TENDON	26357	None	Orthopedic
INCISION OF PALM TENDON	26450	None	Orthopedic
TRANSPLANT/GRAFT HAND TENDON	26483	None	Orthopedic
TRANSPLANT PALM TENDON	26485	None	Orthopedic
REVISE THUMB TENDON	26490	None	Orthopedic
FINGER TENDON TRANSFER	26498	None	Orthopedic
RECONSTRUCT FINGER JOINT	26545	None	Orthopedic
REPAIR OF WEB FINGER	26560	None	Orthopedic
REPAIR MUSCLES OF HAND	26591	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
PIN FINGER DISLOCATION	26776	None	Orthopedic
BUTTOCK FASCIOTOMY	27027	None	Skin
REMOVE HIP FOREIGN BODY	27086	None	Orthopedic
TRANSPLANT FEMUR RIDGE	27140	None	Orthopedic
INCISION OF NECK OF FEMUR	27161	None	Orthopedic
TREAT SLIPPED EPIPHYSIS	27177	None	Orthopedic
TREAT TAIL BONE FRACTURE	27202	None	Orthopedic
TREAT PELVIC FRACTURE(S)	27215	None	Orthopedic
TREAT HIP DISLOCATION	27258	None	Orthopedic
AMPUTATION OF LEG AT HIP	27290	None	Orthopedic
REVISION/REMOVAL OF KNEECAP	27424	None	Orthopedic
TREAT KNEE DISLOCATION	27558	None	Orthopedic
INCISION OF ACHILLES TENDON	27605	None	Orthopedic
REMOVE ANKLE JOINT LINING	27625	None	Orthopedic
RESECT TALUS/CALCANEUS TUM	27647	None	Orthopedic
REPAIR LEG FASCIA DEFECT	27656	None	Orthopedic
REALIGNMENT OF LOWER LEG	27712	None	Orthopedic
REPAIR OF LOWER LEG	27725	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29886	None	Orthopedic
PARTIAL REMOVAL OF LARYNX	31368	None	ENT
PARTIAL REMOVAL OF LARYNX	31382	None	ENT
REMOVAL OF LARYNX & PHARYNX	31390	None	ENT
RECONSTRUCT WINDPIPE	31781	None	ENT
REPAIR OF WINDPIPE INJURY	31800	None	ENT
REPAIR OF WINDPIPE DEFECT	31825	None	ENT
REMOVE LUNG FOREIGN BODY	32151	Intrathoracic	Nonesophageal thoracic
TREAT CHEST LINING	32215	Intrathoracic	Nonesophageal thoracic
THORACOSCOPY, SURGICAL	32660	Intrathoracic	Nonesophageal thoracic
REVISE & REPAIR CHEST WALL	32906	Intrathoracic	Nonesophageal thoracic
REPAIR MAJOR BLOOD VESSEL(S)	33320	Suprainguinal vascular	Aortic
INSERT MAJOR VESSEL GRAFT	33335	Suprainguinal vascular	Aortic
REPAIR ART, INTRAMURAL	33507	Suprainguinal vascular	Peripheral vascular
REMOVE AORTA CONSTRICTION	33845	Suprainguinal vascular	Aortic
ENDOVASC PROSTH, TAA, ADD-ON	33884	Intrathoracic	Aortic
REMOVE LUNG ARTERY EMBOLI	33910	Suprainguinal vascular	Nonesophageal thoracic
REPAIR DEFECT OF ARTERY	35005	Suprainguinal vascular	Peripheral vascular
REPAIR ARTERY RUPTURE,SPLEEN	35112	Suprainguinal vascular	Foregut/hepatopancreatobiliary
REPAIR BLOOD VESSEL LESION	35216	Suprainguinal vascular	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35246	Suprainguinal vascular	Peripheral vascular
ARTERY BYPASS GRAFT	35508	Suprainguinal vascular	Vein
ARTERY BYPASS GRAFT	35632	Suprainguinal vascular	Peripheral vascular
BYPASS GRAFT PATENCY/PATCH	35685	Suprainguinal vascular	Peripheral vascular
REIMPLANT ARTERY EACH	35697	Suprainguinal vascular	Peripheral vascular
REVISION OF CIRCULATION	37160	Suprainguinal vascular	Peripheral vascular
LIGATION OF NECK ARTERY	37605	Suprainguinal vascular	ENT
REVISION OF MAJOR VEIN	37650	Suprainguinal vascular	Vein
PENILE VENOUS OCCLUSION	37790	None	Vein
THORACIC DUCT PROCEDURE	38380	Intrathoracic	Nonesophageal thoracic
THORACIC DUCT PROCEDURE	38381	Intrathoracic	Nonesophageal thoracic
REPAIR OF DIAPHRAGM HERNIA	39503	Intrathoracic	Hernia
REPAIR OF DIAPHRAGM HERNIA	39531	Intrathoracic	Hernia

Description	CPT code	RCRI categorization	Gupta Categorization:
RECONSTRUCT LIP WITH FLAP	40527	None	ENT
REPAIR LIP	40654	None	ENT
DRAINAGE OF MOUTH LESION	40801	None	ENT
EXCISE ORAL MUCOSA FOR GRAFT	40818	None	ENT
DRAINAGE OF MOUTH LESION	41017	None	ENT
DRAINAGE OF MOUTH LESION	41018	None	ENT
REMOVAL OF TONGUE	41140	None	ENT
RECONSTRUCT CLEFT PALATE	42225	None	ENT
REPAIR PALATE	42235	None	ENT
DRAINAGE OF SALIVARY CYST	42409	None	ENT
EXCISE SUBLINGUAL GLAND	42450	None	ENT
REMOVE PHARYNX FOREIGN BODY	42809	None	ENT
REVISION OF PHARYNGEAL WALLS	42894	None	ENT
REPAIR THROAT, ESOPHAGUS	42953	None	ENT
CONTROL NOSE/THROAT BLEEDING	42972	None	ENT
EXCISION OF ESOPHAGUS LESION	43100	Intrathoracic	Foregut/hepatopancreatobiliary
REPAIR ESOPHAGUS WOUND	43410	Intraperitoneal	Foregut/hepatopancreatobiliary
FREE JEJUNUM FLAP, MICROVASC	43496	Intraperitoneal	Intestines
ENTERECTOMY W/O TAPER, CONG	44126	Intraperitoneal	Intestines
REPAIR FISTULA W/COLOSTOMY	45805	Intraperitoneal	Intestines
REPAIR FISTULA W/COLOSTOMY	45825	Intraperitoneal	Intestines
CONSTRUCTION OF ABSENT ANUS	46740	None	Anorectal
LAPARO ABLATE LIVER CRYOSURG	47371	Intraperitoneal	Foregut/hepatopancreatobiliary
BILE DUCT ENDOSCOPY ADD-ON	47550	Intraperitoneal	Foregut/hepatopancreatobiliary
REMOVE BILE DUCT STONE	47630	Intraperitoneal	Foregut/hepatopancreatobiliary
DRAIN PANCREATIC PSEUDOCYST	48511	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR UMBILICAL LESION	49605	None	Gynecologic
EXPLORATION OF KIDNEY	50120	None	Urologic
REVISION OF HORSESHOE KIDNEY	50540	None	Urologic
REIMPLANT URETER IN BLADDER	50783	None	Urologic
URINE SHUNT TO INTESTINE	50815	None	Urologic
REVISE URINE FLOW	50830	None	Urologic
APPENDICO-VESICOSTOMY	50845	None	Urologic
PARTIAL REMOVAL OF BLADDER	51555	None	Urologic
REPAIR OF BLADDER OPENING	51880	None	Urologic
CYSTO W/UP STRICTURE TX	52342	None	Urologic
DRAINAGE OF URETHRA ABSCESS	53040	None	Urologic
REMOVAL OF URETHRA	53210	None	Urologic
REMOVAL OF URETHRA LESION	53235	None	Urologic
REVISE URETHRA, STAGE 2	53405	None	Urologic
RECONSTRUCT URETHRA/BLADDER	53431	None	Urologic
REPAIR OF URETHRA DEFECT	53520	None	Urologic
REPAIR OF CIRCUMCISION	54163	None	Urologic
TREATMENT OF PENIS LESION	54220	None	Urologic
REVISION OF PENIS	54300	None	Urologic
REMOVAL OF TESTIS	54520	None	Urologic
RELOCATION OF TESTIS(ES)	54680	None	Urologic
FUSION OF SPERMATIC DUCTS	54901	None	Urologic
EXTENSIVE VULVA SURGERY	56634	None	Gynecologic
VAGINECTOMY PARTIAL W/NODES	57109	None	Gynecologic
REMOVE VAGINA WALL, COMPLETE	57110	None	Gynecologic

Description	CPT code	RCRI categorization	Gupta Categorization:
REMOVE VAGINA LESION	57130	None	Gynecologic
REPAIR OF BOWEL POUCH	57270	None	Intestines
CONSTRUCT VAGINA WITH GRAFT	57292	None	Gynecologic
FISTULA REPAIR & COLOSTOMY	57307	None	Intestines
REPAIR URETHROVAGINAL LESION	57310	None	Gynecologic
REMOVAL OF RESIDUAL CERVIX	57540	None	Gynecologic
HYSTERECTOMY/REVISE VAGINA	58275	None	Gynecologic
VAG HYST W/URO REPAIR, COMPL	58293	None	Gynecologic
TREAT ECTOPIC PREGNANCY	59136	None	Gynecologic
REPAIR OF UTERUS	59350	None	Gynecologic
REMOVAL OF BRAIN TISSUE	61566	None	Brain
CRANIOFACIAL APPROACH, SKULL	61580	None	ENT
TRANSCONDYLAR APPROACH/SKULL	61597	None	ENT
RESECT/EXCISE CRANIAL LESION	61600	None	Brain
RESECT/EXCISE CRANIAL LESION	61606	None	ENT
INNER SKULL VESSEL SURGERY	61702	None	ENT
CLAMP NECK ARTERY	61703	Suprainguinal vascular	Peripheral vascular
IMPLANT NEUROELECTRODES	61870	None	Brain
REMOVE VERTEBRAL BODY ADD-ON	63103	None	Spinal
REVISE SPINAL CORD VESSELS	63250	None	Spinal
REVISE SPINAL CORD VESSELS	63251	None	Spinal
EXCISE INTRASPINAL LESION	63273	None	Spinal
BIOPSY/EXCISE SPINAL TUMOR	63278	None	Spinal
REPAIR OF LAMINECTOMY DEFECT	63295	None	Spinal
REMOVAL OF VERTEBRAL BODY	63301	None	Spinal
REMOVE SYMPATHETIC NERVES	64802	None	Skin
NERVE PEDICLE TRANSFER	64905	None	Skin
CULT EPIDERM GRFT T/A/L ADDL	15151	None	Skin
CULT EPIDERM GRAFT, F/N/HF/G	15155	None	Skin
SKIN FULL GRAFT ADD-ON	15261	None	Skin
FLAP FOR FACE NERVE PALSY	15842	None	Skin
REMOVAL OF TAIL BONE ULCER	15920	None	Skin
REMOVAL OF TAIL BONE ULCER	15922	None	Skin
REMOVE THIGH PRESSURE SORE	15951	None	Skin
REMOVE THIGH PRESSURE SORE	15952	None	Skin
REMOVE THIGH PRESSURE SORE	15953	None	Skin
REMOVE THIGH PRESSURE SORE	15958	None	Skin
PLACE BREAST CATH FOR RAD	19297	None	Breast
REPLANTATION HAND, COMPLETE	20808	None	Orthopedic
REPLANTATION DIGIT, COMPLETE	20822	None	Orthopedic
REPLANTATION THUMB, COMPLETE	20824	None	Orthopedic
REMOVE CARTILAGE FOR GRAFT	20910	None	Orthopedic
REMOVAL OF FASCIA FOR GRAFT	20920	None	Orthopedic
OTHER BONE GRAFT, MICROVASC	20962	None	Orthopedic
EXCIS UPPR JAW CYST W/REPAIR	21049	None	Orthopedic
REMOVE JAW JOINT CARTILAGE	21060	None	Orthopedic
REMOVE CORONOID PROCESS	21070	None	Orthopedic
MAXILLOFACIAL FIXATION	21100	None	Orthopedic
REDUCTION OF FOREHEAD	21138	None	Orthopedic
RECONSTRUCT MIDFACE, LEFORT	21150	None	Orthopedic
CONTOUR CRANIAL BONE LESION	21181	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
RECONST LWR JAW W/O FIXATION	21195	None	Orthopedic
RECONSTRUCT UPPER JAW BONE	21206	None	Orthopedic
AUGMENTATION OF FACIAL BONES	21208	None	Orthopedic
REDUCTION OF FACIAL BONES	21209	None	Orthopedic
RECONSTRUCTION OF LOWER JAW	21244	None	Orthopedic
RECONSTRUCT LOWER JAW BONE	21247	None	Orthopedic
RECONSTRUCTION OF JAW	21248	None	Orthopedic
RECONSTRUCT LOWER JAW BONE	21255	None	Orthopedic
TREAT NOSE/JAW FRACTURE	21346	None	Orthopedic
TREAT EYE SOCKET FRACTURE	21407	None	Orthopedic
REMOVAL OF RIB AND NERVES	21616	None	Orthopedic
REPAIR STERN/NUSS W/O SCOPE	21742	None	Orthopedic
REMOVE PART, THORAX VERTEBRA	22101	None	Orthopedic
REMOVE PART, LUMBAR VERTEBRA	22114	None	Orthopedic
REVISION OF NECK SPINE	22210	None	Orthopedic
REVISION OF THORAX SPINE	22222	None	Orthopedic
REVISE, EXTRA SPINE SEGMENT	22226	None	Spinal
TREAT THORAX SPINE FRACTURE	22327	None	Spinal
KYPHECTOMY, 1-2 SEGMENTS	22818	None	Orthopedic
INSERT SPINE FIXATION DEVICE	22843	None	Spinal
INSERT SPINE FIXATION DEVICE	22844	None	Spinal
INSERT SPINE FIXATION DEVICE	22847	None	Spinal
REMOVE CERV ARTIF DISC	22864	None	Orthopedic
DRAIN SHOULDER BURSA	23031	None	Orthopedic
REMOVE SHOULDER JOINT LINING	23105	None	Orthopedic
REMOVAL OF HUMERUS LESION	23150	None	Orthopedic
REMOVE SHOULDER BLADE LESION	23182	None	Orthopedic
PARTIAL REMOVAL OF SCAPULA	23190	None	Orthopedic
REMOVAL OF HEAD OF HUMERUS	23195	None	Orthopedic
RESECT SCAPULA TUMOR	23210	None	Orthopedic
REPAIR SHOULDER CAPSULE	23450	None	Orthopedic
REPAIR SHOULDER CAPSULE	23460	None	Orthopedic
REPAIR SHOULDER CAPSULE	23465	None	Orthopedic
REINFORCE CLAVICLE	23490	None	Orthopedic
REMOVE ELBOW LESION	24120	None	Orthopedic
REMOVAL OF ARM BONE LESION	24134	None	Orthopedic
PARTIAL REMOVAL OF RADIUS	24145	None	Orthopedic
REPAIR OF ARM TENDON	24320	None	Orthopedic
REVISION OF ARM MUSCLES	24330	None	Orthopedic
RECONSTRUCT ELBOW JOINT	24360	None	Orthopedic
RECONSTRUCT ELBOW JOINT	24361	None	Orthopedic
RECONSTRUCT ELBOW JOINT	24362	None	Orthopedic
REVISION OF HUMERUS	24420	None	Orthopedic
REINFORCE HUMERUS	24498	None	Orthopedic
TREAT HUMERUS FRACTURE	24566	None	Orthopedic
FUSION/GRAFT OF ELBOW JOINT	24802	None	Orthopedic
AMPUTATION FOLLOW-UP SURGERY	24925	None	Orthopedic
TREAT FOREARM BONE LESION	25035	None	Orthopedic
PARTIAL REMOVAL OF ULNA	25119	None	Orthopedic
REMOVE/GRAFT FOREARM LESION	25126	None	Orthopedic

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REPAIR FOREARM TENDON/MUSCLE	25263	None	Orthopedic
REPAIR FOREARM TENDON SHEATH	25275	None	Orthopedic
FUSION OF TENDONS AT WRIST	25300	None	Orthopedic
REVISE PALSY HAND TENDON(S)	25315	None	Orthopedic
REVISION OF RADIUS	25355	None	Orthopedic
SHORTEN RADIUS & ULNA	25392	None	Orthopedic
LENGTHEN RADIUS & ULNA	25393	None	Orthopedic
REPAIR CARPAL BONE, SHORTEN	25394	None	Orthopedic
REPAIR RADIUS & ULNA	25415	None	Orthopedic
RECONSTRUCT WRIST JOINT	25441	None	Orthopedic
RECONSTRUCT WRIST JOINT	25442	None	Orthopedic
RECONSTRUCT WRIST JOINT	25445	None	Orthopedic
WRIST REPLACEMENT	25446	None	Orthopedic
REINFORCE ULNA	25491	None	Orthopedic
TREAT WRIST DISLOCATION	25676	None	Orthopedic
TREAT WRIST FRACTURE	25685	None	Orthopedic
TREAT WRIST DISLOCATION	25695	None	Orthopedic
AMPUTATE HAND AT WRIST	25920	None	Orthopedic
REMOVE FINGER BONE	26185	None	Orthopedic
PARTIAL REMOVAL, FINGER BONE	26236	None	Orthopedic
EXTENSIVE HAND SURGERY	26250	None	Orthopedic
REPAIR/GRAFT HAND TENDON	26372	None	Orthopedic
REPAIR FINGER/HAND TENDON	26373	None	Orthopedic
REPAIR/GRAFT HAND TENDON	26392	None	Orthopedic
REPAIR/GRAFT HAND TENDON	26412	None	Orthopedic
EXCISION, HAND/FINGER TENDON	26415	None	Orthopedic
TENDON LENGTHENING	26476	None	Orthopedic
TENDON SHORTENING	26477	None	Orthopedic
HAND TENDON RECONSTRUCTION	26500	None	Orthopedic
HAND TENDON RECONSTRUCTION	26502	None	Orthopedic
THUMB TENDON TRANSFER	26510	None	Orthopedic
RELEASE MUSCLES OF HAND	26593	None	Orthopedic
TREAT HAND DISLOCATION	26685	None	Orthopedic
INCISION OF HIP TENDON	27000	None	Orthopedic
INCISION OF HIP TENDON	27001	None	Orthopedic
REMOVAL OF HIP JOINT LINING	27054	None	Orthopedic
REVISION OF HIP TENDON	27097	None	Orthopedic
REVISION OF HIP BONES	27156	None	Orthopedic
REVISE HEAD/NECK OF FEMUR	27179	None	Orthopedic
TREAT PELVIC RING FRACTURE	27218	None	Orthopedic
FUSION OF SACROILIAC JOINT	27280	None	Orthopedic
LENGTHENING OF THIGH TENDONS	27394	None	Orthopedic
REPAIR OF KNEE LIGAMENTS	27409	None	Orthopedic
AUTOCHONDROCYTE IMPLANT KNEE	27412	None	Orthopedic
RECONSTRUCTION, KNEE	27429	None	Orthopedic
INCISION OF KNEE JOINT	27435	None	Orthopedic
INCISION OF THIGH	27448	None	Orthopedic
SHORTENING OF THIGH BONE	27465	None	Orthopedic
TREAT THIGH FX GROWTH PLATE	27519	None	Orthopedic
TREAT KNEE DISLOCATION	27556	None	Orthopedic
REMOVE ANKLE JOINT LINING	27626	None	Orthopedic

Description	CPT code	RCRI categorization	Gupta Categorization:
RESECT TIBIA TUMOR	27645	None	Orthopedic
RELEASE OF LOWER LEG TENDONS	27681	None	Orthopedic
REVISE LOWER LEG TENDONS	27686	None	Orthopedic
INCISION OF FIBULA	27707	None	Orthopedic
REPAIR/GRAFT OF TIBIA	27722	None	Orthopedic
REPAIR OF TIBIA EPIPHYSIS	27730	None	Orthopedic
REPAIR LOWER LEG EPIPHYSES	27734	None	Orthopedic
REINFORCE TIBIA	27745	None	Orthopedic
ELBOW ARTHROSCOPY/SURGERY	29835	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29850	None	Orthopedic
ALLGRFT IMPLNT, KNEE W/SCOPE	29867	None	Orthopedic
KNEE ARTHROSCOPY/SURGERY	29885	None	Orthopedic
ANKLE ARTHROSCOPY/SURGERY	29894	None	Orthopedic
SUBTALAR ARTHRO W/FUSION	29907	None	Orthopedic
PARTIAL REMOVAL OF LARYNX	31375	None	ENT
PARTIAL REMOVAL OF LARYNX	31380	None	ENT
REINNERVATE LARYNX	31590	None	ENT
REPAIR OF WINDPIPE	31755	None	ENT
RECONSTRUCT BRONCHUS	31775	Intrathoracic	Nonesophageal thoracic
DRAIN, OPEN, LUNG LESION	32200	Intrathoracic	Nonesophageal thoracic
COMPLETION PNEUMONECTOMY	32488	Intrathoracic	Nonesophageal thoracic
CLOSE CHEST AFTER DRAINAGE	32810	None	Nonesophageal thoracic
REVISE & REPAIR CHEST WALL	32905	None	Nonesophageal thoracic
REPAIR MAJOR VESSEL	33321	Intrathoracic	Aortic
CORONARY ARTERY CORRECTION	33502	Suprainguinal vascula	Peripheral vascular
AORTIC SUSPENSION	33800	Intrathoracic	Aortic
REPAIR PULMONARY ARTERY	33917	Intrathoracic	Peripheral vascular
REMOVAL OF VEIN CLOT	34471	Suprainguinal vascula	Vein
REPAIR VALVE, FEMORAL VEIN	34501	None	Vein
LEG VEIN FUSION	34530	None	Vein
REPAIR ARTERY RUPTURE, NECK	35002	Suprainguinal vascula	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35180	Suprainguinal vascula	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35189	Suprainguinal vascula	Peripheral vascular
REPAIR BLOOD VESSEL LESION	35211	Suprainguinal vascula	Peripheral vascular
RECHANNELING OF ARTERY	35306	Suprainguinal vascula	Peripheral vascular
ARTERY BYPASS GRAFT	35512	Suprainguinal vascula	Peripheral vascular
ARTERY BYPASS GRAFT	35518	Suprainguinal vascula	Peripheral vascular
ARTERY BYPASS GRAFT	35636	Suprainguinal vascula	Peripheral vascular
ARTERY BYPASS GRAFT	35642	Suprainguinal vascula	Peripheral vascular
COMPOSITE BYPASS GRAFT	35683	Suprainguinal vascula	Peripheral vascular
ARTERIAL TRANSPOSITION	35693	Suprainguinal vascula	Peripheral vascular
LIGATION OF NECK ARTERY	37606	Suprainguinal vascula	Peripheral vascular
REVISION OF MAJOR VEIN	37660	Suprainguinal vascula	Vein
REPAIR CLEFT LIP/NASAL	40700	None	ENT
REPAIR CLEFT LIP/NASAL	40702	None	ENT
REPAIR CLEFT LIP/NASAL	40761	None	ENT
DRAINAGE OF MOUTH LESION	40800	None	ENT
REMOVAL, FOREIGN BODY, MOUTH	40804	None	ENT
EXCISE LIP OR CHEEK FOLD	40819	None	ENT

Description	CPT code	RCRI categorization	Gupta Categorization:
REPAIR MOUTH LACERATION	40830	None	ENT
RECONSTRUCTION OF MOUTH	40842	None	ENT
DRAINAGE OF MOUTH LESION	41016	None	ENT
EXCISION OF TONGUE LESION	41114	None	ENT
REMOVAL FOREIGN BODY,JAWBONE	41806	None	ENT
EXCISION OF GUM LESION	41827	None	ENT
REMOVAL OF GUM TISSUE	41830	None	ENT
RECONSTRUCT CLEFT PALATE	42200	None	ENT
RECONSTRUCT CLEFT PALATE	42210	None	ENT
LENGTHENING OF PALATE	42226	None	ENT
REPAIR NOSE TO LIP FISTULA	42260	None	ENT
PALATE/UVULA SURGERY	42299	None	ENT
DRAINAGE OF SALIVARY GLAND	42320	None	ENT
REVISION OF PHARYNGEAL WALLS	42892	None	ENT
FUSE ESOPHAGUS & INTESTINE	43341	Intraperitoneal	Foregut/hepatopancreatobiliary
SURGICAL OPENING, ESOPHAGUS	43351	Intraperitoneal	Foregut/hepatopancreatobiliary
REPAIR ESOPHAGUS OPENING	43425	Intraperitoneal	Foregut/hepatopancreatobiliary
REVISE STOMACH-BOWEL FUSION	43855	Intraperitoneal	Foregut/hepatopancreatobiliary
ENTERECTOMY CONG, ADD-ON	44128	Intraperitoneal	Intestines
SUSPEND BOWEL W/PROSTHESIS	44700	Intraperitoneal	Intestines
REP PERF ANOPER FISTU	46715	None	Anorectal
CONSTRUCTION OF ABSENT ANUS	46730	None	Anorectal
REPAIR OF CLOACAL ANOMALY	46744	None	Anorectal
OPEN ABLATE LIVER TUMOR CRYO	47381	None	Foregut/hepatopancreatobiliary
INCISION OF LIVER DUCT	47400	None	Foregut/hepatopancreatobiliary
EXPLORATION OF BILE DUCTS	47700	None	Foregut/hepatopancreatobiliary
PANCREATORRHAPHY	48545	None	Foregut/hepatopancreatobiliary
OMENTAL FLAP, EXTRA-ABDOM	49904	None	Other abdomen
FREE OMENTAL FLAP, MICROVASC	49906	None	Other abdomen
EXPLORATION OF KIDNEY	50045	None	Urologic
INCISION OF KIDNEY	50070	None	Urologic
REMOVAL OF URETER STONE	50610	None	Urologic
REMOVAL OF URETER STONE	50630	None	Urologic
REIMPLANT URETER IN BLADDER	50782	None	Urologic
REPLACE URETER BY BOWEL	50840	None	Urologic
TRANSPLANT URETER TO SKIN	50860	None	Urologic
REPAIR OF URETER	50900	None	Urologic
LAPAROSCOPY URETEROLITHOTOM	50945	None	Urologic
INCISE & TREAT BLADDER	51020	None	Urologic
INCISE & TREAT BLADDER	51030	None	Urologic
REMOVE BLADDER/REVISE TRACT	51580	None	Urologic
ATTACH BLADDER/URETHRA	51841	None	Urologic
HYSTERECTOMY/BLADDER REPAIR	51925	None	Urologic
CYSTOURETERO W/RENAL STRICT	52346	None	Urologic
TREATMENT OF URETHRA LESION	53220	None	Urologic
SURGERY FOR URETHRA POUCH	53240	None	Urologic
TREATMENT OF URETHRA LESION	53260	None	Urologic
RECONSTRUCT URETHRA, STAGE 2	53425	None	Urologic
INSERT TANDEM CUFF	53444	None	Urologic

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REPAIR URO SPHINCTER	53449	None	Urologic
REPAIR OF URETHRA INJURY	53505	None	Urologic
REPAIR OF URETHRA INJURY	53510	None	Urologic
DRAIN PENIS LESION	54015	None	Urologic
DESTRUCTION, PENIS LESION(S)	54050	None	Urologic
REMOVE PENIS & NODES	54130	None	Urologic
TREATMENT OF PENIS LESION	54205	None	Urologic
REVISE PENIS/URETHRA	54332	None	Urologic
SECONDARY URETHRAL SURGERY	54344	None	Urologic
RECONSTRUCT URETHRA/PENIS	54352	None	Urologic
REVISION OF PENIS	54420	None	Urologic
EXPLORATION FOR TESTIS	54550	None	Urologic
EXPLORATION FOR TESTIS	54560	None	Urologic
SUSPENSION OF TESTIS	54620	None	Urologic
ORCHIOPEXY (FOWLER-STEPHENS)	54650	None	Gynecologic
REPAIR TESTIS INJURY	54670	None	Urologic
REMOVAL OF EPIDIDYMIS	54861	None	Urologic
FUSION OF SPERMATIC DUCTS	54900	None	Urologic
REVISE HERNIA & SPERM VEINS	55540	None	Urologic
REMOVE SPERM DUCT POUCH	55650	None	Urologic
REMOVE SPERM POUCH LESION	55680	None	Urologic
DRAINAGE OF PROSTATE ABSCESS	55725	None	Urologic
REMOVE VAGINA TISSUE, COMPL	57111	None	Gynecologic
REVISE VAG GRAFT, OPEN ABD	57296	None	Gynecologic
REPAIR VAGINA	57335	None	Gynecologic
REMOVAL OF CERVIX, RADICAL	57531	None	Gynecologic
EXTENSIVE HYSTERECTOMY	58285	None	Gynecologic
SUSPENSION OF UTERUS	58410	None	Gynecologic
DRAINAGE OF OVARIAN CYST(S)	58800	None	Gynecologic
DECOMPRESS EYE SOCKET	61330	None	ENT
EXPLORE/BIOPSY EYE SOCKET	61332	None	ENT
EXPLORE ORBIT/REMOVE OBJECT	61334	None	ENT
RELIEVE CRANIAL PRESSURE	61345	None	ENT
REMOVAL OF BRAIN ABSCESS	61522	None	Brain
REMOVAL OF BRAIN LESION	61534	None	Brain
REMOVAL OF BRAIN TISSUE	61543	None	Brain
INCISE SKULL/SUTURES	61557	None	ENT
REMOVE FOREIGN BODY, BRAIN	61570	None	Brain
RESECT NASOPHARYNX, SKULL	61586	None	ENT
TRANSCOCHLEAR APPROACH/SKULL	61596	None	ENT
RESECT/EXCISE CRANIAL LESION	61601	None	ENT
RESECT/EXCISE CRANIAL LESION	61607	None	ENT
REPAIR DURA	61618	None	Brain
INTRACRANIAL VESSEL SURGERY	61692	Suprainguinal vascula	Brain
IMPLANT NEUROELECTRODES	61875	None	Brain
REDUCTION OF SKULL DEFECT	62117	None	Orthopedic
REMOVE VERTEBRAL BODY ADD-ON	63082	None	Spinal
INCISE SPINAL CORD TRACT(S)	63170	None	Spinal
REMOVAL OF VERTEBRAL BODY	63300	None	Spinal

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REMOVAL OF VERTEBRAL BODY	63303	None	Spinal
REMOVAL OF VERTEBRAL BODY	63305	None	Spinal
REMOVAL OF VERTEBRAL BODY	63307	None	Spinal
REMOVE VERTEBRAL BODY ADD-ON	63308	None	Spinal
REPAIR OF SPINAL HERNIATION	63704	None	Spinal
GRAFT REPAIR OF SPINE DEFECT	63710	None	Spinal
REMOVE SYMPATHETIC NERVES	64804	None	Skin
REPAIR OF FACIAL NERVE	64864	None	ENT
FUSION OF FACIAL/OTHER NERVE	64868	None	ENT
NERVE GRAFT, HEAD OR NECK	64885	None	ENT
NERVE GRAFT, HEAD OR NECK	64886	None	ENT
NERVE GRAFT, HAND OR FOOT	64890	None	Skin
NERVE GRAFT, HAND OR FOOT	64891	None	Skin
NERVE GRAFT, HAND OR FOOT	64895	None	Skin
EXTENSIVE MASTOID SURGERY	69530	None	ENT
INCISE INNER EAR	69802	None	ENT