

ICD~10~PCS
Complete Code Set
Procedural Coding System

Sample



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Introduction

The International Classification of Diseases Tenth Revision Procedure Coding System (ICD -10-PCS) was created to accompany the World Health Organization's (WHO) ICD-10 diagnosis classification. The new procedure coding system was developed to replace ICD-9-CM procedure codes for reporting inpatient procedures.

Unlike the ICD-9-CM classification, ICD-10-PCS was designed to enable each code to have a standard structure and be very descriptive, and yet flexible enough to accommodate future needs. Information about the structure, organization, and application of ICD-10-PCS codes, along with reference material for coding with ICD-10-PCS, is provided in this manual.

This chapter contains the following parts:

- What is ICD-10-PCS?
- ICD-10-PCS Code Structure
- ICD-10-PCS System Organization
- ICD-10-PCS Design
- ICD-10-PCS Additional Characteristics
- ICD-10-PCS Applications

More specific information on coding with ICD-10-PCS is found in chapters 2 through 4 of this manual.

What is ICD-10-PCS?

ICD -10-PCS is a procedure coding system that will be used to collect data, determine payment, and support the electronic health record for all inpatient procedures performed in the United States.

History of ICD-10-PCS

The World Health Organization has maintained the International Classification of Diseases (ICD) for recording cause of death since 1893. It has updated the ICD periodically to reflect new discoveries in epidemiology and changes in medical understanding of disease.

The International Classification of Diseases Tenth Revision (ICD-10), published in 1992, is the latest revision of the ICD. The WHO authorized the National Center for Health Statistics (NCHS) to develop a clinical modification of ICD-10 for use in the United States. This version of ICD-10 is called ICD-10-CM. ICD-10-CM is intended to replace the previous U.S. clinical modification, ICD-9-CM, that has been in use since 1979. ICD-9-CM contains a procedure classification; ICD-10-CM does not.

The Centers for Medicare and Medicaid Services, the agency responsible for maintaining the inpatient procedure code set in the U.S., contracted with 3M Health Information Systems in 1993 to design and then develop a procedure classification system to replace Volume 3 of ICD-9-CM. ICD-10-PCS is the result.

ICD-10-PCS was initially released in 1998. It has been updated annually since that time.

ICD-9-CM Volume 3 Compared With ICD-10-PCS

With ICD-10 implementation, the U.S. clinical modification of the ICD will not include a procedure classification based on the same principles of organization as the diagnosis classification. Instead, a separate procedure coding system has been developed to meet the rigorous and varied demands that are made of coded data in the healthcare industry. This represents a significant step toward building a health information infrastructure that functions optimally in the electronic age.

The following information highlights some of the basic differences between ICD-9-CM Volume 3 and ICD-10-PCS:

ICD-9-CM Volume 3

- Follows ICD structure (designed for diagnosis coding)
- Codes available as a fixed/finite set in list form
- Codes are numeric
- Codes are 3 through 4 digits long

ICD-10-PCS

- Designed/developed to meet healthcare needs for a procedure code system
- Codes constructed from flexible code components (values) using tables
- Codes are alphanumeric
- All codes are seven characters long

ICD-10-PCS Code Structure

Undergirding ICD-10-PCS is a logical, consistent structure that informs the system as a whole, down to the level of a single code. This means that the process of constructing codes in ICD-10-PCS is also logical and consistent: individual letters and numbers, called "values," are selected in sequence to occupy the seven spaces of the code, called "characters."

Characters

All codes in ICD-10-PCS are seven characters long. Each character in the seven-character code represents an aspect of the procedure, as shown in the following diagram of characters from the main section of ICD-10-PCS, called Medical and Surgical.

	Section	Body System	Root Operation	Body Part	Approach	Device	Qualifier
Characters:	1	2	3	4	5	6	7

An ICD-10-PCS code is best understood as the result of a process rather than as an isolated, fixed quantity. The process consists of assigning values from among the valid choices for that part of the system, according to the rules governing the construction of codes.

Values

One of 34 possible values can be assigned to each character in a code: the numbers 0 through 9 and the alphabet (except I and O, because they are easily confused with the numbers 1 and 0). A finished code looks like the example below.

02103D4

This code is derived by choosing a specific value for each of the seven characters. Based on details about the procedure performed, values for each character specifying the section, body system, root operation, body part, approach, device, and qualifier are assigned.

Because the definition of each character is a function of its physical position in the code, the same value placed in a different position in the code means something different. The value 0 in the first character means something different than 0 in the second character, or 0 in the third character, and so on.

Code Structure: Medical and Surgical Section

The following pages define each character using the code 0LB50ZZ, “Excision of right lower arm and wrist tendon, open approach” as an example. This example comes from the Medical and Surgical section of ICD-10-PCS.

Character 1: Section

The first character in the code determines the broad procedure category, or section, where the code is found. In this example, the section is Medical and Surgical. 0 is the value that represents Medical and Surgical in the first character.

For definitions of characters used in the Medical and Surgical section, please refer to the Glossary.

The sample code looks like this so far:

Character 2: Body System

The second character defines the body system—the general physiological system or anatomical region involved. Examples of body systems include Lower Arteries, Central Nervous System, and Respiratory System. In this example, the body system is Tendons, represented by the value L.

Character 3: Root Operation

The third character defines the root operation, or the objective of the procedure. Some examples of root operations are Bypass, Drainage, and Reattachment. In the sample code below, the root operation is Excision. When used in the third character of the code, the value B represents Excision.

For the complete list of root operations and their definitions, please refer to ICD-10-PCS definitions.

Character 4: Body Part

The fourth character defines the body part, or specific anatomical site where the procedure was performed. The body system (second character) provides only a general indication of the procedure site. The body part and body system values together provide a precise description of the procedure site.

Examples of body parts are Kidney, Tonsils, and Thymus. In this example, the body part value is 5, Lower Arm and Wrist, Right. When the second character is L, the value 5 when used in the fourth character of the code represents the right lower arm and wrist tendon.

Character 5: Approach

The fifth character defines the approach, or the technique used to reach the procedure site. Seven different approach values are used in the Medical and Surgical section to define the approach. Examples of approaches include Open and Percutaneous Endoscopic.

In the sample code below, the approach is Open and is represented by the value 0.

For the complete list of approaches and their definitions, please refer to ICD-10-PCS definitions.

Character 6: Device

Depending on the procedure performed, there may or may not be a device left in place at the end of the procedure. The sixth character defines the device. Device values fall into four basic categories:

- Grafts and Prostheses
- Implants
- Simple or Mechanical Appliances
- Electronic Appliances

In this example, there is no device used in the procedure. The value Z is used to represent No Device, as shown below.

Character 7: Qualifier

The seventh character defines a qualifier for the code. A qualifier specifies an additional attribute of the procedure, if applicable.

Examples of qualifiers include Diagnostic and Stereotactic. Qualifier choices vary depending on the previous values selected. In this example, there is no specific qualifier applicable to this procedure, so the value is No Qualifier, represented by the letter Z.

0LB50ZZ is the complete specification of the procedure “Excision of right lower arm and wrist tendon, open approach.”

Character 1 Section	Character 2 Body System	Character 3 Root Operation	Character 4 Body Part	Character 5 Approach	Character 6 Device	Character 7 Qualifier
Medical and Surgical	Tendons	Excision	Lower Arm and Wrist, Right	Open	No Device	No Qualifier
0	L	B	5	0	Z	Z

Understanding Root Operations

Medical and Surgical Section

Root Operations That Take Out Some or All of a Body Part

The following root operations represent procedures for taking out or otherwise eradicating some or all of a body part. These root operations are listed below and described in detail in the pages that follow.

Objective of Procedure

- Excision: Cutting out/off without replacement
- Resection: Cutting out/off without replacement
- Detachment: Cutting out/off without replacement
- Destruction: Eradicating without replacement
- Extraction: Pulling out or off without replacement

Site of Procedure

- Excision: Some of a body part
- Resection: All of a body part
- Detachment: Extremity only, any level
- Destruction: Some/all of a body part
- Extraction: Some/all of a body part

Example

- Excision: Breast lumpectomy
- Resection: Total mastectomy
- Detachment: Amputation above elbow
- Destruction: Fulguration of endometrium
- Extraction: Suction D&C

Excision—Root Operation B

Definition: Cutting out or off, without replacement, a portion of a body part

Explanation: The qualifier Diagnostic is used to identify excision procedures that are biopsies

Examples: Partial nephrectomy, liver biopsy

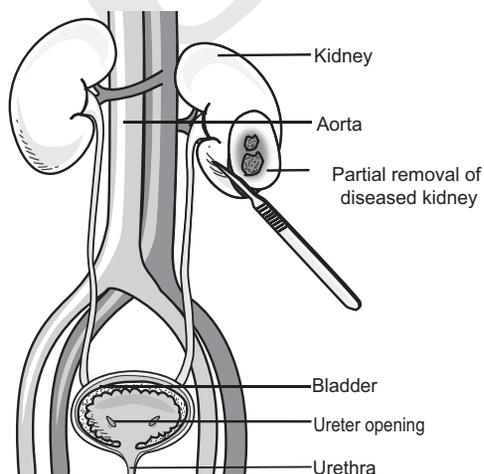


Illustration 1

Excision is coded when a portion of a body part is cut out or off using a sharp instrument. All root operations that employ cutting to accomplish the objective allow the use of any sharp instrument, including but not limited to:

- Scalpel
- Wire
- Scissors
- Bone saw
- Electrocautery tip

Coding Note: Bone Marrow and Endometrial Biopsies

Bone marrow and endometrial biopsies are not coded to the root operation excision. They are coded to Extraction, with the qualifier Diagnostic.

Example: Excision of Sebaceous Cyst (Right Buttock)

...the patient was brought in the room and placed on the table in jack knife, prone position and a spinal block was used for anesthesia. She was prepped and draped in the usual sterile manner. A digital rectal examination was performed and we did not notice any communication between mass and rectum. The mass was palpated and a radial transverse incision was made over the mass.

Using blunt and sharp dissection the top of the mass was identified and shown to be a sebaceous cyst. The sebaceous cyst was freed from the surrounding tissue using blunt dissection. The entire cyst was removed. Hemostasis was obtained and the skin was closed using 5-0 Dexon interrupted sutures...

Character 1 Section	Character 2 Body System	Character 3 Root Operation	Character 4 Body Part	Character 5 Approach	Character 6 Device	Character 7 Qualifier
Medical and Surgical	Skin	Excision	Buttock	External	No Device	No Qualifier
0	H	B	8	X	Z	Z

Coding Exercises

Using the ICD-10-PCS tables, construct the code that accurately represents the procedure performed.

Excision of malignant melanoma from skin of right ear:
1. 0HB2XZZ

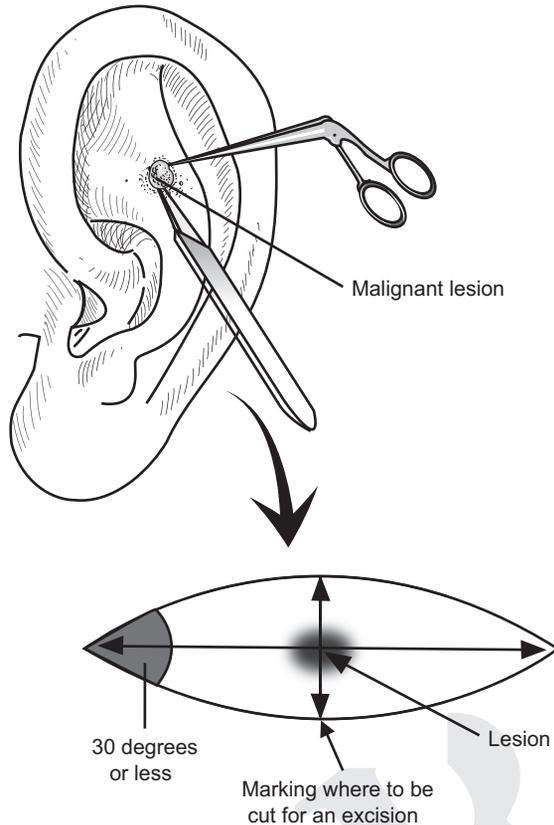


Illustration 2

2. Laparoscopy with excision of endometrial implant from left ovary: 0UB14ZZ
3. Percutaneous needle core biopsy of right kidney: 0TB03ZX
4. EGD with gastric biopsy: 0DB68ZX
5. Laparotomy with wedge resection of left lateral segment of liver: 0FB20ZZ
6. Excision of basal cell carcinoma of lower lip: 0CB1XZZ
7. Open excision of tail of pancreas: 0FBG0ZZ
8. Percutaneous biopsy of right gastrocnemius muscle: 0KBS3ZX
9. Sigmoidoscopy with sigmoid polypectomy: 0DBN8ZZ
10. Open excision of lesion from right Achilles tendon: 0LBN0ZZ
11. Laparoscopic vertical sleeve gastrectomy: 0DB64Z3

Resection—Root Operation T

Definition: Cutting out or off, without replacement, all of a body part

Explanation: N/A

Examples: Total nephrectomy, total lobectomy of lung

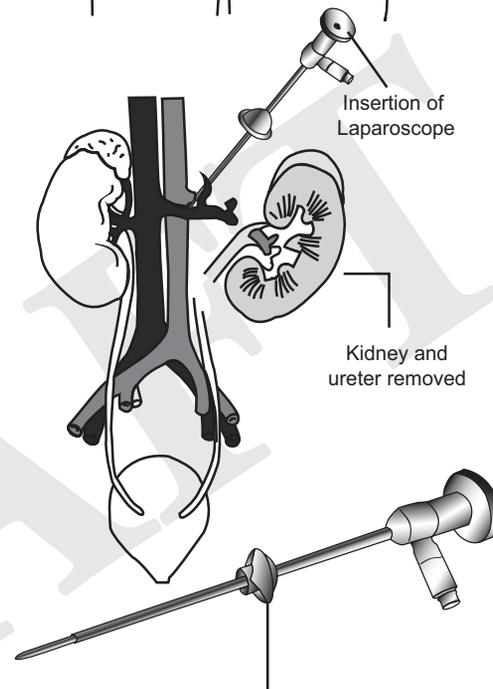
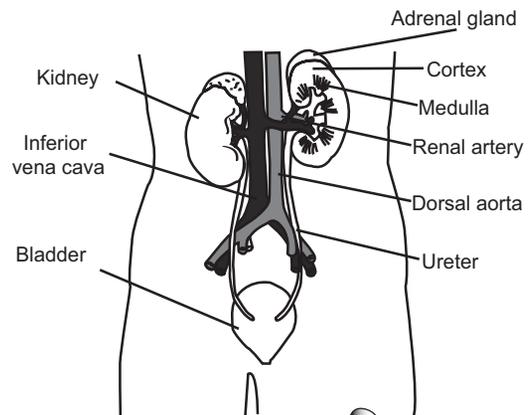


Illustration 3

Resection is similar to Excision, except Resection includes all of a body part, or any subdivision of a body part that has its own body part value in ICD-10-PCS, while Excision includes only a portion of a body part.

Coding Note: Lymph Nodes

When an entire lymph node chain is cut out, the appropriate root operation is Resection. When a lymph node(s) is cut out, the root operation is Excision.

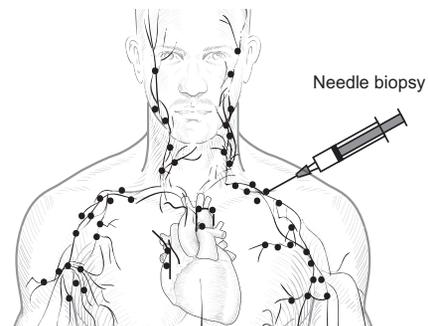


Illustration 4

2014 ICD-10-PCS Index

#		
3f	(Aortic) Bioprosthesis valve use Zooplastic Tissue in Heart and Great Vessels	
A		
Abdominal	aortic plexus use Nerve, Abdominal Sympathetic	
Abdominal	esophagus use Esophagus, Lower	
Abdominohysterectomy	see Excision, Uterus 0UB9 see Resection, Uterus 0UT9	
Abdominoplasty	see Alteration, Abdominal Wall 0W0F see Repair, Abdominal Wall 0WQF see Supplement, Abdominal Wall 0WUF	
Adductor	hallucis muscle use Muscle, Foot, Right use Muscle, Foot, Left	
AbioCor®	Total Replacement Heart use Synthetic Substitute	
Ablation	see Destruction	
Abortion	Products of Conception 10A0[0348]ZZ Abortifacient 10A07ZX Laminaria 10A07ZW Vacuum 10A07Z6	
Abrasion	see Extraction	
Accessory	cephalic vein use Vein, Cephalic, Right use Vein, Cephalic, Left	
Accessory	obturator nerve use Nerve, Lumbar Plexus	
Accessory	phrenic nerve use Nerve, Phrenic	
Accessory	spleen use Spleen	
Acellular	Hydrated Dermis use Nonautologous Tissue Substitute	
Acetabulectomy	see Excision, Lower Bones 0QB see Resection, Lower Bones 0QT	
Acetabulofemoral	joint use Joint, Hip, Right use Joint, Hip, Left	
Acetabuloplasty	see Repair, Lower Bones 0QQ see Replacement, Lower Bones 0QR see Supplement, Lower Bones 0QU	
Achilles	tendon use Tendon, Lower Leg, Left use Tendon, Lower Leg, Right	
Achillorrhaphy	see Repair, Tendons 0LQ	
Achillototomy, achillotomy	see Division, Tendons 0L8 see Drainage, Tendons 0L9	
Acromioclavicular	ligament use Bursa and Ligament, Shoulder, Right use Bursa and Ligament, Shoulder, Left	
Acromion	(process) use Scapula, Left use Scapula, Right	
Acromionectomy	see Excision, Upper Joints 0RB see Resection, Upper Joints 0RT	
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Activa	RC neurostimulator use Stimulator Generator, Multiple Array Rechargeable in 0JH	
Activa	SC neurostimulator use Stimulator Generator, Single Array in 0JH	
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Acupuncture	Breast Anesthesia 8E0H300 No Qualifier 8E0H30Z Integumentary System Anesthesia 8E0H300 No Qualifier 8E0H30Z	
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Adductor	hallucis muscle use Muscle, Foot, Left use Muscle, Foot, Right	
Adductor	longus muscle use Muscle, Upper Leg, Right use Muscle, Upper Leg, Left	
Adductor	magnus muscle use Muscle, Upper Leg, Right use Muscle, Upper Leg, Left	
Adenohypophysis	use Gland, Pituitary	
Adenoidectomy	see Excision, Adenoids 0CBQ see Resection, Adenoids 0CTQ	
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Adhesiolysis	see Release	
Administration	Blood products see Transfusion Other substance see Introduction of substance in or on	
Adrenalectomy	see Excision, Endocrine System 0GB see Resection, Endocrine System 0GT	
Adrenorrhaphy	see Repair, Endocrine System 0GQ	
Adrenotomy	see Drainage, Endocrine System 0G9	
Advancement	see Reposition see Transfer	
Alar	ligament of axis use Bursa and Ligament, Head and Neck	
Alimentation	see Introduction of substance in or on	
Alteration	Abdominal Wall 0W0F[034][7JKZ]Z Ankle Region Left 0Y0L[034][7JKZ]Z Right 0Y0K[034][7JKZ]Z Arm Lower Left 0X0F[034][7JKZ]Z Right 0X0D[034][7JKZ]Z Upper Left 0X09[034][7JKZ]Z Right 0X08[034][7JKZ]Z Axilla Left 0X05[034][7JKZ]Z Right 0X04[034][7JKZ]Z Back Lower 0W0L[034][7JKZ]Z Upper 0W0K[034][7JKZ]Z Breast Bilateral 0H0V[03X][7JKZ]Z Left 0H0U[03X][7JKZ]Z Right 0H0T[03X][7JKZ]Z Buttock Left 0Y01[034][7JKZ]Z Right 0Y00[034][7JKZ]Z Chest Wall 0W08[034][7JKZ]Z Ear Bilateral 0902[034X][7JKZ]Z Left 0901[034X][7JKZ]Z Right 0900[034X][7JKZ]Z Elbow Region Left 0X0C[034][7JKZ]Z Right 0X0B[034][7JKZ]Z Extremity Lower Left 0Y0B[034][7JKZ]Z Right 0Y09[034][7JKZ]Z Upper Left 0X07[034][7JKZ]Z Right 0X06[034][7JKZ]Z Eyelid Lower Left 080R[03X][7JKZ]Z Right 080Q[03X][7JKZ]Z Upper Left 080P[03X][7JKZ]Z Right 080N[03X][7JKZ]Z Face 0W02[034][7JKZ]Z Head 0W00[034][7JKZ]Z Jaw Lower 0W05[034][7JKZ]Z Upper 0W04[034][7JKZ]Z Knee Region Left 0Y0G[034][7JKZ]Z Right 0Y0F[034][7JKZ]Z Leg Lower Left 0Y0J[034][7JKZ]Z Right 0Y0H[034][7JKZ]Z	
	Upper Left 0Y0D[034][7JKZ]Z Right 0Y0C[034][7JKZ]Z	
	Lip Lower 0C01X[7JKZ]Z Upper 0C00X[7JKZ]Z Neck 0W06[034][7JKZ]Z Nose 090K[034X][7JKZ]Z Perineum Female 0W0N[034][7JKZ]Z Male 0W0M[034][7JKZ]Z Shoulder Region Left 0X03[034][7JKZ]Z Right 0X02[034][7JKZ]Z Subcutaneous Tissue and Fascia Abdomen 0J08[03]ZZ Back 0J07[03]ZZ Buttock 0J09[03]ZZ Chest 0J06[03]ZZ Face 0J01[03]ZZ Lower Arm Left 0J0H[03]ZZ Right 0J0G[03]ZZ Lower Leg Left 0J0P[03]ZZ Right 0J0N[03]ZZ Neck Anterior 0J04[03]ZZ Posterior 0J05[03]ZZ Upper Arm Left 0J0F[03]ZZ Right 0J0D[03]ZZ Upper Leg Left 0J0M[03]ZZ Right 0J0L[03]ZZ Wrist Region Left 0X0H[034][7JKZ]Z Right 0X0G[034][7JKZ]Z	
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	Alveolar process of maxilla use Maxilla, Right use Maxilla, Left	
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	Alveoloplasty see Repair, Head and Facial Bones 0NQ see Replacement, Head and Facial Bones 0NR see Supplement, Head and Facial Bones 0NU	
	Alveolotomy see Division, Head and Facial Bones 0N8 see Drainage, Head and Facial Bones 0N9	
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	Amniocentesis see Drainage, Products of Conception 1090	
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	AMPLATZER® Muscular VSD Occluder use Synthetic Substitute	
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	AMS 800® Urinary Control System use Artificial Sphincter in Urinary System	
	Anal orifice use Anus	
	Analog radiography see Plain Radiography	
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 03JY4ZZ
 04JY4ZZ

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use Vein, Face, Left
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Annular ligament

use Bursa and Ligament, Elbow, Left
use Bursa and Ligament, Elbow, Right

Annuloplasty

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Annuloplasty ring *use* Synthetic Substitute**Anoplasty**

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Anorectal junction *use* Rectum**Anoscopy** 0DJD8ZZ**Ansa cervicalis** *use* Nerve, Cervical Plexus**Antabuse therapy** HZ93ZZZ**Antebrachial fascia**

use Subcutaneous Tissue and Fascia, Lower Arm, Left
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Anterior (pectoral) lymph node

use Lymphatic, Axillary, Right

use Lymphatic, Axillary, Left

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use Artery, Axillary, Left

use Artery, Axillary, Right

Anterior communicating artery *use* Artery, Intracranial**Anterior cruciate ligament (ACL)**

use Bursa and Ligament, Knee, Left

use Bursa and Ligament, Knee, Right

Anterior crural nerve *use* Nerve, Femoral**Anterior facial vein**

use Vein, Face, Left

use Vein, Face, Right

Anterior intercostal artery

use Artery, Internal Mammary, Right

use Artery, Internal Mammary, Left

Anterior interosseous nerve *use* Nerve, Median**Anterior lateral malleolar artery**

use Artery, Anterior Tibial, Right

use Artery, Anterior Tibial, Left

Anterior lingual gland *use* Gland, Minor Salivary**Anterior medial malleolar artery**

use Artery, Anterior Tibial, Right

use Artery, Anterior Tibial, Left

Anterior spinal artery

use Artery, Vertebral, Right

use Artery, Vertebral, Left

Anterior tibial recurrent artery

use Artery, Anterior Tibial, Right

use Artery, Anterior Tibial, Left

Anterior ulnar recurrent artery

use Artery, Ulnar, Right

use Artery, Ulnar, Left

Anterior vagal trunk *use* Nerve, Vagus**Anterior vertebral muscle**

use Muscle, Neck, Left

use Muscle, Neck, Right

Antihelix

use Ear, External, Right

use Ear, External, Left

use Ear, External, Bilateral

Antitragus

use Ear, External, Bilateral

use Ear, External, Right

use Ear, External, Left

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use Sinus, Maxillary, Left

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use Anterior Chamber, Right

use Anterior Chamber, Left

Arachnoid mater

use Spinal Meninges

use Cerebral Meninges

Arcuate artery

use Artery, Foot, Left

use Artery, Foot, Right

Areola

use Nipple, Left

use Nipple, Right

AROM (artificial rupture of membranes) 10907ZZ**Arterial canal (duct)** *use* Artery, Pulmonary, Left**Arterial pulse tracing** *see* Measurement, Arterial 4A03**Arteriectomy**

see Excision, Heart and Great Vessels 02B

see Excision, Upper Arteries 03B

see Excision, Lower Arteries 04B

Arteriography

see Plain Radiography, Heart B20

see Fluoroscopy, Heart B21

see Plain Radiography, Upper Arteries B30

see Fluoroscopy, Upper Arteries B31

see Plain Radiography, Lower Arteries B40

see Fluoroscopy, Lower Arteries B41

Arterioplasty

see Repair, Heart and Great Vessels 02Q

see Replacement, Heart and Great Vessels 02R

see Repair, Upper Arteries 03Q

see Replacement, Upper Arteries 03R

see Repair, Lower Arteries 04Q

see Replacement, Lower Arteries 04R

see Supplement, Upper Arteries 03U

see Supplement, Lower Arteries 04U

see Supplement, Heart and Great Vessels 02U

Arteriorrhaphy

see Repair, Heart and Great Vessels 02Q

see Repair, Upper Arteries 03Q

see Repair, Lower Arteries 04Q

Arterioscopy

02JY4ZZ

03JY4ZZ

04JY4ZZ

Arthrectomy

see Excision, Upper Joints 0RB

see Resection, Upper Joints 0RT

see Excision, Lower Joints 0SB

see Resection, Lower Joints 0ST

Arthrocentesis

see Drainage, Upper Joints 0R9

see Drainage, Lower Joints 0S9

Arthrodesis

see Fusion, Upper Joints 0RG

see Fusion, Lower Joints 0SG

Arthrography

see Plain Radiography, Skull and Facial Bones BNO

see Plain Radiography, Non-Axial Upper Bones

BPO

see Plain Radiography, Non-Axial Lower Bones

BQO

Arthrolysis

see Release, Upper Joints 0RN

see Release, Lower Joints 0SN

Arthropexy

see Repair, Upper Joints 0RQ

see Reposition, Upper Joints 0RS

see Repair, Lower Joints 0SQ

see Reposition, Lower Joints 0SS

Arthroplasty

see Repair, Upper Joints 0RQ

see Replacement, Upper Joints 0RR

see Repair, Lower Joints 0SQ

see Replacement, Lower Joints 0SR

see Supplement, Lower Joints 0SU

see Supplement, Upper Joints 0RU

Arthroscopy

see Inspection, Upper Joints 0RJ

see Inspection, Lower Joints 0SJ

Arthrotomy

see Drainage, Upper Joints 0R9

see Drainage, Lower Joints 0S9

Artificial anal sphincter (AAS) *use* Artificial Sphincter in Gastrointestinal System**Artificial bowel sphincter (neosphincter)** *use* Artificial Sphincter in Gastrointestinal System**Artificial Sphincter**

Insertion of device in

Anus 0DHQ[034]JLZ

Bladder 0THB[03478]JLZ

Bladder Neck 0THC[03478]JLZ

Urethra 0THD[03478]JLZ

Removal of device from

Anus 0DPQ[03478]JLZ

Bladder 0TPB

Urethra 0TPD

Revision of device in

Anus 0DWW[03478]JLZ

Bladder 0TWW[03478]JLZ

Urethra 0TWD[03478]JLZ

Artificial urinary sphincter (AUS) *use* Artificial Sphincter in Urinary System**Aryepiglottic fold** *use* Larynx**Arytenoid cartilage** *use* Larynx**Arytenoid muscle**

use Muscle, Neck, Left

use Muscle, Neck, Right

Arytenoidectomy *see* Excision, Larynx 0CB5**Arytenoidopexy** *see* Repair, Larynx 0CQS**Ascending aorta** *use* Aorta, Thoracic**Ascending palatine artery** *use* Artery, Face**Ascending pharyngeal artery**

use Artery, External Carotid, Left

use Artery, External Carotid, Right

Aspiration *see* Drainage**Assessment**

Activities of daily living *see* Activities of Daily Living Assessment, Rehabilitation F02

Hearing *see* Hearing Assessment, Diagnostic Audiology F13

Hearing aid *see* Hearing Aid Assessment, Diagnostic Audiology F14

Motor function *see* Motor Function Assessment, Rehabilitation F01

Nerve function *see* Motor Function Assessment, Rehabilitation F01

Speech *see* Speech Assessment, Rehabilitation F00

Vestibular *see* Vestibular Assessment, Diagnostic Audiology F15

Vocational *see* Activities of Daily Living Treatment, Rehabilitation F08

Assistance**Cardiac****Continuous**

Balloon Pump 5A02210

Impeller Pump 5A0221D

Other Pump 5A02216

Pulsatile Compression 5A02215

Intermittent

Balloon Pump 5A02110

Impeller Pump 5A0211D

Other Pump 5A02116

Pulsatile Compression 5A02115

Circulatory**Continuous**

Hyperbaric 5A05221
Supersaturated 5A0522C
Intermittent
Hyperbaric 5A05121
Supersaturated 5A0512C
Respiratory
24-96 Consecutive Hours
Continuous Negative Airway Pressure 5A09459
Continuous Positive Airway Pressure 5A09457
Intermittent Negative Airway Pressure 5A0945B
Intermittent Positive Airway Pressure 5A09458
No Qualifier 5A0945Z
Greater than 96 Consecutive Hours
Continuous Negative Airway Pressure 5A09559
Continuous Positive Airway Pressure 5A09557
Intermittent Negative Airway Pressure 5A0955B
Intermittent Positive Airway Pressure 5A09558
No Qualifier 5A0955Z
Less than 24 Consecutive Hours
Continuous Negative Airway Pressure 5A09359
Continuous Positive Airway Pressure 5A09357
Intermittent Negative Airway Pressure 5A0935B
Intermittent Positive Airway Pressure 5A09358
No Qualifier 5A0935Z
Assurant (Cobalt) stent *use* Intraluminal Device
Atherectomy
see Extirpation, Heart and Great Vessels 02C
see Extirpation, Upper Arteries 03C
see Extirpation, Lower Arteries 04C
Atlantoaxial joint use Joint, Cervical Vertebral
Atmospheric Control 6A0Z[01]ZZ
Trioseptoplasty
see Repair, Heart and Great Vessels 02Q
see Replacement, Heart and Great Vessels 02R
see Supplement, Heart and Great Vessels 02U
Atrioventricular node use Conduction Mechanism
Atrium dextrum cordis *use* Atrium, Right
Atrium pulmonale *use* Atrium, Left
Attain Ability[®] lead
use Cardiac Lead, Pacemaker in 02H
use Cardiac Lead, Defibrillator in 02H
Attain StarFix[®] (OTW) lead
use Cardiac Lead, Defibrillator in 02H
use Cardiac Lead, Pacemaker in 02H
Audiology, diagnostic
see Hearing Assessment, Diagnostic Audiology F13
see Hearing Aid Assessment, Diagnostic Audiology F14
see Vestibular Assessment, Diagnostic Audiology F15
Audiometry *see* Hearing Assessment, Diagnostic Audiology F13
Auditory tube
use Eustachian Tube, Right
use Eustachian Tube, Left
Auerbach's (myenteric) plexus *use* Nerve, Abdominal Sympathetic
Auricle
use Ear, External, Left
use Ear, External, Bilateral
use Ear, External, Right
Auricularis muscle *use* Muscle, Head
Autograft *use* Autologous Tissue Substitute
Autologous artery graft
use Autologous Arterial Tissue in Lower Arteries
use Autologous Arterial Tissue in Upper Veins
use Autologous Arterial Tissue in Lower Veins
use Autologous Arterial Tissue in Heart and Great Vessels
use Autologous Arterial Tissue in Upper Arteries
Autologous vein graft
use Autologous Venous Tissue in Lower Arteries
use Autologous Venous Tissue in Upper Veins
use Autologous Venous Tissue in Lower Veins
use Autologous Venous Tissue in Heart and Great Vessels
use Autologous Venous Tissue in Upper Arteries
Autotransfusion *see* Transfusion
Autotransplant

Adrenal tissue *see* Reposition, Endocrine System 0GS
Kidney *see* Reposition, Urinary System 0TS
Pancreatic tissue *see* Reposition, Pancreas 0FSG
Parathyroid tissue *see* Reposition, Endocrine System 0GS
Thyroid tissue *see* Reposition, Endocrine System 0GS
Tooth *see* Reattachment, Mouth and Throat 0CM
Avulsion *see* Extraction
Axial Lumbar Interbody Fusion System *use* Interbody Fusion Device in Lower Joints
AxialLIF[®] System *use* Interbody Fusion Device in Lower Joints
Axillary fascia
use Subcutaneous Tissue and Fascia, Upper Arm, Left
use Subcutaneous Tissue and Fascia, Upper Arm, Right
Axillary nerve *use* Nerve, Brachial Plexus

B

BAK/C[®] Interbody Cervical Fusion System *use* Interbody Fusion Device in Upper Joints
BAL (bronchial alveolar lavage), diagnostic *see* Drainage, Respiratory System 0B9
Balanoplasty
see Repair, Penis 0VQS
see Supplement, Penis 0VUS
Balloon Pump
Continuous, Output 5A02210
Intermittent, Output 5A02110
Bandage, Elastic *see* Compression
Banding *see* Restriction
Bard[®] Composix[®] (E/X)(LP) mesh *use* Synthetic Substitute
Bard[®] Composix[®] Kugel[®] patch *use* Synthetic Substitute
Bard[®] Dulex[™] mesh *use* Synthetic Substitute
Bard[®] Ventralex[™] hernia patch *use* Synthetic Substitute
Barium swallow *see* Fluoroscopy, Gastrointestinal System BD1
Baroreflex Activation Therapy[®] (BAT[®])
use Stimulator Lead in Upper Arteries
use Cardiac Rhythm Related Device in Subcutaneous Tissue and Fascia
Bartholin's (greater vestibular) gland *use* Gland, Vestibular
Basal (internal) cerebral vein *use* Vein, Intracranial
Basal metabolic rate (BMR) *see* Measurement, Physiological Systems 4A0Z
Basal nuclei *use* Basal Ganglia
Basilar artery *use* Artery, Intracranial
Basis pontis *use* Pons
Beam Radiation
Abdomen DW03[012456]ZZ
Intraoperative DW033Z0
Adrenal Gland DG02[01256]ZZ
Intraoperative DG023Z0
Bile Ducts DF02[012456]ZZ
Intraoperative DF023Z0
Bladder DT02[012456]ZZ
Intraoperative DT023Z0
Bone
Other DPOC[012456]ZZ
Intraoperative DPOC3Z0
Bone Marrow D700[012456]ZZ
Intraoperative D7003Z0
Brain D000[012456]ZZ
Intraoperative D0003Z0
Brain Stem D001[012456]ZZ
Intraoperative D0013Z0
Breast
Left DM00[012456]ZZ
Intraoperative DM003Z0
Right DM01[012456]ZZ
Intraoperative DM013Z0
Bronchus DB01[012456]ZZ
Intraoperative DB013Z0
Cervix DU01[012456]ZZ
Intraoperative DU013Z0
Chest DW02[012456]ZZ
Intraoperative DW023Z0
Chest Wall DB07[012456]ZZ
Intraoperative DB073Z0
Colon DD05[012456]ZZ
Intraoperative DD053Z0
Diaphragm DB08[012456]ZZ
Intraoperative DB083Z0

Duodenum DD02[012456]ZZ
Intraoperative DD023Z0
Ear D900[012456]ZZ
Intraoperative D9003Z0
Esophagus DD00[012456]ZZ
Intraoperative DD003Z0
Eye D800[012456]ZZ
Intraoperative D8003Z0
Femur DP09[012456]ZZ
Intraoperative DP093Z0
Fibula DP08[012456]ZZ
Intraoperative DP083Z0
Gallbladder DF01[012456]ZZ
Intraoperative DF013Z0
Gland
Adrenal DG02[01256]ZZ
Intraoperative DG023Z0
Parathyroid DG04[01256]ZZ
Intraoperative DG043Z0
Pituitary DG00[01256]ZZ
Intraoperative DG003Z0
Thyroid DG05[01256]ZZ
Intraoperative DG053Z0
Glands
Salivary D906[012456]ZZ
Intraoperative D9063Z0
Head and Neck DW01[012456]ZZ
Intraoperative DW013Z0
Hemibody DW04[012456]ZZ
Intraoperative DW043Z0
Humerus DP06[012456]ZZ
Intraoperative DP063Z0
Hypopharynx D903[012456]ZZ
Intraoperative D9033Z0
Ileum DD04[012456]ZZ
Intraoperative DD043Z0
Jejunum DD03[012456]ZZ
Intraoperative DD033Z0
Kidney DT00[012456]ZZ
Intraoperative DT003Z0
Larynx D908[012456]ZZ
Intraoperative D9083Z0
Liver DF00[012456]ZZ
Intraoperative DF003Z0
Lung DB02[012456]ZZ
Intraoperative DB023Z0
Lymphatics
Abdomen D706[012456]ZZ
Intraoperative D7063Z0
Axillary D704[012456]ZZ
Intraoperative D7043Z0
Inguinal D708[012456]ZZ
Intraoperative D7083Z0
Neck D703[012456]ZZ
Intraoperative D7033Z0
Pelvis D707[012456]ZZ
Intraoperative D7073Z0
Thorax D705[012456]ZZ
Intraoperative D7053Z0
Mandible DP03[012456]ZZ
Intraoperative DP033Z0
Maxilla DP02[012456]ZZ
Intraoperative DP023Z0
Mediastinum DB06[012456]ZZ
Intraoperative DB063Z0
Mouth D904[012456]ZZ
Intraoperative D9043Z0
Nasopharynx D90D[012456]ZZ
Intraoperative D90D3Z0
Neck and Head DW01[012456]ZZ
Intraoperative DW013Z0
Nerve
Peripheral D007[012456]ZZ
Intraoperative D0073Z0
Nose D901[012456]ZZ
Intraoperative D9013Z0
Oropharynx D90F[012456]ZZ
Intraoperative D90F3Z0
Ovary DU00[012456]ZZ
Intraoperative DU003Z0
Palate
Hard D908[012456]ZZ
Intraoperative D9083Z0
Soft D909[012456]ZZ
Intraoperative D9093Z0
Pancreas DF03[012456]ZZ
Intraoperative DF033Z0
Parathyroid Gland DG04[01256]ZZ
Intraoperative DG043Z0
Pelvic Bones DP08[012456]ZZ
Intraoperative DP083Z0
Pelvic Region DW06[012456]ZZ

- Intraoperative DW063Z0
Pineal Body DG01[01256]ZZ
Intraoperative DG013Z0
Pituitary Gland DG00[01256]ZZ
Intraoperative DG003Z0
Pleura DB05[012456]ZZ
Intraoperative DB053Z0
Prostate DV00[012456]ZZ
Intraoperative DV003Z0
Radius DP07[012456]ZZ
Intraoperative DP073Z0
Rectum DD07[012456]ZZ
Intraoperative DD073Z0
Rib DP05[012456]ZZ
Intraoperative DP053Z0
Sinuses D907[012456]ZZ
Intraoperative D9073Z0
- Skin**
Abdomen DH08[012456]ZZ
Intraoperative DH083Z0
Arm DH04[012456]ZZ
Intraoperative DH043Z0
Back DH07[012456]ZZ
Intraoperative DH073Z0
Buttock DH09[012456]ZZ
Intraoperative DH093Z0
Chest DH06[012456]ZZ
Intraoperative DH063Z0
Face DH02[012456]ZZ
Intraoperative DH023Z0
Leg DH08[012456]ZZ
Intraoperative DH083Z0
Neck DH03[012456]ZZ
Intraoperative DH033Z0
Skull DP00[012456]ZZ
Intraoperative DP003Z0
Spinal Cord D006[012456]ZZ
Intraoperative D0063Z0
Spleen D702[012456]ZZ
Intraoperative D7023Z0
Sternum DP04[012456]ZZ
Intraoperative DP043Z0
Stomach DD01[012456]ZZ
Intraoperative DD013Z0
Testis DV01[012456]ZZ
Intraoperative DV013Z0
Thymus D701[012456]ZZ
Intraoperative D7013Z0
Thyroid Gland DG05[01256]ZZ
Intraoperative DG053Z0
Tibia DP08[012456]ZZ
Intraoperative DP083Z0
Tongue D905[012456]ZZ
Intraoperative D9053Z0
Trachea DB00[012456]ZZ
Intraoperative DB003Z0
Ulna DP07[012456]ZZ
Intraoperative DP073Z0
Ureter DT01[012456]ZZ
Intraoperative DT013Z0
Urethra DT03[012456]ZZ
Intraoperative DT033Z0
Uterus DU02[012456]ZZ
Intraoperative DU023Z0
Whole Body DW05[012456]ZZ
Intraoperative DW053Z0
- Berlin Heart Ventricular Assist Device use**
Implantable Heart Assist System in Heart and Great Vessels
- Biceps brachii muscle**
use Muscle, Upper Arm, Right
use Muscle, Upper Arm, Left
- Biceps femoris muscle**
use Muscle, Upper Leg, Right
use Muscle, Upper Leg, Left
- Bicipital aponeurosis**
use Subcutaneous Tissue and Fascia, Lower Arm, Left
use Subcutaneous Tissue and Fascia, Lower Arm, Right
- Bicuspid valve use** Valve, Mitral
- Biliite therapy see** Ultraviolet Light Therapy, Skin 6A80
- Bioactive embolization coil(s) use** Intraluminal Device, Bioactive in Upper Arteries
- Biofeedback GZC9ZZ**
- Biopsy**
see Drainage with qualifier Diagnostic
see Excision with qualifier Diagnostic
Bone Marrow see Extraction with qualifier Diagnostic
- BiPAP see** Assistance, Respiratory 5A09
- Bisection see** Division
- Biventricular external heart assist system use**
External Heart Assist System in Heart and Great Vessels
- Blepharectomy**
see Excision, Eye 08B
see Resection, Eye 08T
- Blepharoplasty**
see Repair, Eye 08Q
see Replacement, Eye 08R
see Supplement, Eye 08U
see Reposition, Eye 08S
- Blepharorrhaphy see** Repair, Eye 08Q
- Blepharotomy see** Drainage, Eye 089
- Block, Nerve, anesthetic injection 3E0T3CZ**
- Blood glucose monitoring system use** Monitoring Device
- Blood pressure see** Measurement, Arterial 4A03
- BMR (basal metabolic rate) see** Measurement, Physiological Systems 4A0Z
- Body of femur**
use Femoral Shaft, Right
use Femoral Shaft, Left
- Body of fibula**
use Fibula, Right
use Fibula, Left
- Bone anchored hearing device**
use Hearing Device, Bone Conduction in 09H
use Hearing Device in Head and Facial Bones
- Bone bank bone graft use** Nonautologous Tissue Substitute
- Bone Growth Stimulator**
Insertion of device in
Bone
Facial 0NHW[034]JMZ
Lower 0QHY[034]JMZ
Nasal 0NHB[034]JMZ
Upper 0PHY[034]JMZ
Skull 0NH0
Removal of device from
Bone
Facial 0NPW
Lower 0QPY[034X]JMZ
Nasal 0NPB
Upper 0PPY[034X]JMZ
Skull 0NPO
Revision of device in
Bone
Facial 0NWW[034X]JMZ
Lower 0QWY[034X]JMZ
Nasal 0NWB[034X]JMZ
Upper 0PWY[034X]JMZ
Skull 0NWO
- Bone marrow transplant see** Transfusion
- Bone screw (interlocking)(lag)(pedicle)(recessed) use** Internal Fixation Device in Head and Facial Bones
use Internal Fixation Device in Upper Bones
use Internal Fixation Device in Lower Bones
- Bony labyrinth**
use Ear, Inner, Left
use Ear, Inner, Right
- Bony orbit**
use Orbit, Right
use Orbit, Left
- Bony vestibule**
use Ear, Inner, Right
use Ear, Inner, Left
- Botallo's duct use** Artery, Pulmonary, Left
- Bovine pericardial valve use** Zooplastic Tissue in Heart and Great Vessels
- Bovine pericardium graft use** Zooplastic Tissue in Heart and Great Vessels
- BP (blood pressure) see** Measurement, Arterial 4A03
- Brachial (lateral) lymph node**
use Lymphatic, Axillary, Left
use Lymphatic, Axillary, Right
- Brachialis muscle**
use Muscle, Upper Arm, Right
use Muscle, Upper Arm, Left
- Brachiocephalic artery use** Artery, Innominate
- Brachiocephalic trunk use** Artery, Innominate
- Brachiocephalic vein**
use Vein, Innominate, Right
use Vein, Innominate, Left
- Brachioradialis muscle**
use Muscle, Lower Arm and Wrist, Right
use Muscle, Lower Arm and Wrist, Left
- Brachytherapy**
Abdomen DW13[9B][789BCY]Z
Adrenal Gland DG12[9B][789BCY]Z
Bile Ducts DF12[9B][789BCY]Z
Bladder DT12[9B][789BCY]Z
Bone Marrow D710[9B][789BCY]Z
Brain D010[9B][789BCY]Z
Brain Stem D011[9B][789BCY]Z
Breast
Left DM10[9B][789BCY]Z
Right DM11[9B][789BCY]Z
Bronchus DB11[9B][789BCY]Z
Cervix DU11[9B][789BCY]Z
Chest DW12[9B][789BCY]Z
Chest Wall DB17[9B][789BCY]Z
Colon DD15[9B][789BCY]Z
Diaphragm DB18[9B][789BCY]Z
Duodenum DD12[9B][789BCY]Z
Ear D910[9B][789BCY]Z
Esophagus DD10[9B][789BCY]Z
Eye D810[9B][789BCY]Z
Gallbladder DF11[9B][789BCY]Z
Gland
Adrenal DG12[9B][789BCY]Z
Parathyroid DG14[9B][789BCY]Z
Pituitary DG10[9B][789BCY]Z
Thyroid DG15[9B][789BCY]Z
Glands, Salivary D916[9B][789BCY]Z
Head and Neck DW11[9B][789BCY]Z
Hypopharynx D913[9B][789BCY]Z
Ileum DD14[9B][789BCY]Z
Jejunum DD13[9B][789BCY]Z
Kidney DT10[9B][789BCY]Z
Larynx D918[9B][789BCY]Z
Liver DF10[9B][789BCY]Z
Lung DB12[9B][789BCY]Z
Lymphatics
Abdomen D716[9B][789BCY]Z
Axillary D714[9B][789BCY]Z
Inguinal D718[9B][789BCY]Z
Neck D713[9B][789BCY]Z
Pelvis D717[9B][789BCY]Z
Thorax D715[9B][789BCY]Z
Mediastinum DB16[9B][789BCY]Z
Mouth D914[9B][789BCY]Z
Nasopharynx D91D[9B][789BCY]Z
Neck and Head DW11[9B][789BCY]Z
Nerve, Peripheral D017[9B][789BCY]Z
Nose D911[9B][789BCY]Z
Oropharynx D91F[9B][789BCY]Z
Ovary DU10[9B][789BCY]Z
Palate
Hard D918[9B][789BCY]Z
Soft D919[9B][789BCY]Z
Pancreas DF13[9B][789BCY]Z
Parathyroid Gland DG14[9B][789BCY]Z
Pelvic Region DW16[9B][789BCY]Z
Pineal Body DG11[9B][789BCY]Z
Pituitary Gland DG10[9B][789BCY]Z
Pleura DB15[9B][789BCY]Z
Prostate DV10[9B][789BCY]Z
Rectum DD17[9B][789BCY]Z
Sinuses D917[9B][789BCY]Z
Spinal Cord D016[9B][789BCY]Z
Spleen D712[9B][789BCY]Z
Stomach DD11[9B][789BCY]Z
Testis DV11[9B][789BCY]Z
Thymus D711[9B][789BCY]Z
Thyroid Gland DG15[9B][789BCY]Z
Tongue D915[9B][789BCY]Z
Trachea DB10[9B][789BCY]Z
Ureter DT11[9B][789BCY]Z
Urethra DT13[9B][789BCY]Z
Uterus DU12[9B][789BCY]Z
- Brachytherapy seeds use** Radioactive Element
- Broad ligament use** Uterine Supporting Structure
- Bronchial artery use** Aorta, Thoracic
- Bronchography**
see Plain Radiography, Respiratory System BB0
see Fluoroscopy, Respiratory System BB1
- Bronchoplasty**
see Repair, Respiratory System 0BQ
see Supplement, Respiratory System 0BU
- Bronchorrhaphy see** Repair, Respiratory System 0BQ
- Bronchoscopy 0BJ08ZZ**
- Bronchotomy see** Drainage, Respiratory System 0B9
- BRYAN® Cervical Disc System use** Synthetic Substitute
- Buccal gland use** Buccal Mucosa
- Buccinator lymph node use** Lymphatic, Head
- Buccinator muscle use** Muscle, Facial
- Buckling, scleral with implant see** Supplement, Eye 08U
- Bulbospongiosus muscle use** Muscle, Perineum
- Bulbourethral (Cowper's) gland use** Urethra
- Bundle of His use** Conduction Mechanism

Bundle of Kent *use* Conduction Mechanism
Bunionectomy *see* Excision, Lower Bones OQB
Bursectomy
see Excision, Bursae and Ligaments OMB
see Resection, Bursae and Ligaments OMT
Bursitis *see* Drainage, Bursae and Ligaments OM9
Bursography
see Plain Radiography, Non-Axial Upper Bones BP0
see Plain Radiography, Non-Axial Lower Bones BQ0
Bursotomy
see Division, Bursae and Ligaments OM8
see Drainage, Bursae and Ligaments OM9
BVS 5000 Ventricular Assist Device *use* External Heart Assist System in Heart and Great Vessels
Bypass
 Anterior Chamber
 Left 08133[JJKZ]4
 Right 08123[JJKZ]4
 Aorta
 Abdominal 0410[04][9AJKZ][0123456789BCD FGHJKQR]
 Thoracic 021W[04][9AJKZ][BDPQR]
 Artery
 Axillary
 Left 03160[9AJKZ][0123456789BCDFJK]
 Right 03150[9AJKZ][0123456789BCDFJK]
 Brachial
 Left 03180[9AJKZ][14DF]
 Right 03170[9AJKZ][03DF]
 Common Carotid
 Left 031J0[9AJKZ][GK]
 Right 031H0[9AJKZ][GJ]
 Common Iliac
 Left 041D[04][9AJKZ][0123456789BCDFG HJKQR]
 Right 041C[04][9AJKZ][0123456789BCDFG HJKQR]
 Coronary
 Four or More Sites 0213
 One Site 0210
 Three Sites 0212
 Two Sites 0211
 External Carotid
 Left 031N0[9AJKZ]K
 Right 031M0[9AJKZ]J
 External Iliac
 Left 041J[04][9AJKZ][9BCDFGHJKPQ]
 Right 041H[04][9AJKZ][9BCDFGHJKPQ]
 Femoral
 Left 041L[04][9AJKZ][HJKLMNPQS]
 Right 041K[04][9AJKZ][HJKLMNPQS]
 Innominate 03120[9AJKZ][0123456789BCDFJK]
 Internal Carotid
 Left 031L0[9AJKZ]K
 Right 031K0[9AJKZ]J
 Internal Iliac
 Left 041F[04][9AJKZ][9BCDFGHJKPQ]
 Right 041E[04][9AJKZ][9BCDFGHJKPQ]
 Intracranial 031G0[9AJKZ]G
 Popliteal
 Left 041N[04][9AJKZ][LMPQS]
 Right 041M[04][9AJKZ][LMPQS]
 Radial
 Left 031C0[9AJKZ][4F]
 Right 031B0[9AJKZ][3F]
 Splenic 0414[04][9AJKZ][345]
 Subclavian
 Left 03140[9AJKZ][0123456789BCDFJKMN]
 Right 03130[9AJKZ][0123456789BCDFJKMN]
 Temporal
 Left 031T0[9AJKZ]G
 Right 031S0[9AJKZ]G
 Ulnar
 Left 031A0[9AJKZ][4F]
 Right 03190[9AJKZ][3F]
 Atrium
 Left 0217[04][9AJKZ][PQR]
 Right 0216
 Bladder 0T1B
 Cavity, Cranial 0W110J[9BGJ]
 Cecum 0D1H
 Cerebral Ventricle 0016[03][7JK][012345678B]
 Colon
 Ascending 0D1K
 Descending 0D1M
 Sigmoid 0D1N
 Transverse 0D1L
 Duct
 Common Bile 0F19[04][DZ][3456789B]

Cystic 0F18[04][DZ][3456789B]
 Hepatic
 Left 0F16[04][DZ][3456789B]
 Right 0F15[04][DZ][3456789B]
 Lacrimal
 Left 081Y[03][JKZ]3
 Right 081X[03][JKZ]3
 Pancreatic 0F1D[04][DZ][3BC]
 Accessory 0F1F[04][DZ][3BC]
 Duodenum 0D19
 Ear
 Left 091E0[7JKZ]0
 Right 091D0[7JKZ]0
 Esophagus 0D15
 Lower 0D13
 Middle 0D12
 Upper 0D11
 Fallopian Tube
 Left 0U16[04][7JKZ][569]
 Right 0U15[04][7JKZ][569]
 Gallbladder 0F14[04][DZ][3456789B]
 Ileum 0D1B
 Jejunum 0D1A
 Kidney Pelvis
 Left 0T14
 Right 0T13
 Pancreas 0F1G[04][DZ][3BC]
 Pelvic Cavity 0W1J
 Peritoneal Cavity 0W1G
 Pleural Cavity
 Left 0W1B
 Right 0W19
 Spinal Canal 001U[03][7JK][4679]
 Stomach 0D16
 Trachea 0B11
 Ureter
 Left 0T17
 Right 0T16
 Ureters, Bilateral 0T18
 Vas Deferens
 Bilateral 0V1Q[04][7JKZ][JKNP]
 Left 0V1P[04][7JKZ][JKNP]
 Right 0V1N[04][7JKZ][JKNP]
 Vein
 Axillary
 Left 0518[04][79AJKZ]Y
 Right 0517[04][79AJKZ]Y
 Azygos 0510[04][79AJKZ]Y
 Basilic
 Left 051C[04][79AJKZ]Y
 Right 051B[04][79AJKZ]Y
 Brachial
 Left 051A[04][79AJKZ]Y
 Right 0519[04][79AJKZ]Y
 Cephalic
 Left 051F[04][79AJKZ]Y
 Right 051D[04][79AJKZ]Y
 Colic 0617[04][79AJKZ]Y
 Common Iliac
 Left 061D[04][79AJKZ]Y
 Right 061C[04][79AJKZ]Y
 Esophageal 0613[04][79AJKZ]Y
 External Iliac
 Left 061G[04][79AJKZ]Y
 Right 061F[04][79AJKZ]Y
 External Jugular
 Left 051Q[04][79AJKZ]Y
 Right 051P[04][79AJKZ]Y
 Face
 Left 051V[04][79AJKZ]Y
 Right 051T[04][79AJKZ]Y
 Femoral
 Left 061N[04][79AJKZ]Y
 Right 061M[04][79AJKZ]Y
 Foot
 Left 061V[04][79AJKZ]Y
 Right 061T[04][79AJKZ]Y
 Gastric 0612[04][79AJKZ]Y
 Greater Saphenous
 Left 061Q[04][79AJKZ]Y
 Right 061P[04][79AJKZ]Y
 Hand
 Left 051H[04][79AJKZ]Y
 Right 051G[04][79AJKZ]Y
 Hemiazzygos 0511[04][79AJKZ]Y
 Hepatic 0614[04][79AJKZ]Y
 Hypogastric
 Left 061J[04][79AJKZ]Y
 Right 061H[04][79AJKZ]Y
 Inferior Mesenteric 0616[04][79AJKZ]Y
 Innominate
 Left 0514[04][79AJKZ]Y

Right 0513[04][79AJKZ]Y
 Internal Jugular
 Left 051N[04][79AJKZ]Y
 Right 051M[04][79AJKZ]Y
 Intracranial 051L[04][79AJKZ]Y
 Lesser Saphenous
 Left 061S[04][79AJKZ]Y
 Right 061R[04][79AJKZ]Y
 Portal 0618
 Renal
 Left 061B[04][79AJKZ]Y
 Right 0619[04][79AJKZ]Y
 Splenic 0611[04][79AJKZ][9BY]
 Subclavian
 Left 0516[04][79AJKZ]Y
 Right 0515[04][79AJKZ]Y
 Superior Mesenteric 0615[04][79AJKZ]Y
 Vertebral
 Left 0515[04][79AJKZ]Y
 Right 051R[04][79AJKZ]Y
 Vena Cava
 Inferior 0610[04][79AJKZ][56Y]
 Superior 021V[04][9AJKZ][PQR]
 Ventricle
 Left 021L
 Right 021K
Bypass, cardiopulmonary 5A1221Z

ICD-10-PCS Tables

Central Nervous System 001-00X

- 0 Medical and Surgical
- 0 Central Nervous System
- 1 **Bypass:** Altering the route of passage of the contents of a tubular body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
6 Cerebral Ventricle	0 Open 3 Percutaneous	7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute	0 Nasopharynx 1 Mastoid Sinus 2 Atrium 3 Blood Vessel 4 Pleural Cavity 5 Intestine 6 Peritoneal Cavity 7 Urinary Tract 8 Bone Marrow B Cerebral Cisterns
U Spinal Canal	0 Open 3 Percutaneous	7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute	4 Pleural Cavity 6 Peritoneal Cavity 7 Urinary Tract 9 Fallopian Tube

- 0 Medical and Surgical
- 0 Central Nervous System
- 2 **Change:** Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or a mucous membrane

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain ☉ E Cranial Nerve ☉ U Spinal Canal ☉	X External	0 Drainage Device Y Other Device	Z No Qualifier

☉ 002[0,E,U]X [0,Y]Z

- 0 Medical and Surgical
- 0 Central Nervous System
- 5 **Destruction:** Physical eradication of all or a portion of a body part by the direct use of energy, force, or a destructive agent

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 1 Cerebral Meninges 2 Dura Mater 6 Cerebral Ventricle 7 Cerebral Hemisphere 8 Basal Ganglia 9 Thalamus A Hypothalamus B Pons C Cerebellum D Medulla Oblongata F Olfactory Nerve ☉ G Optic Nerve ☉ H Oculomotor Nerve ☉ J Trochlear Nerve ☉ K Trigeminal Nerve ☉ L Abducens Nerve ☉ M Facial Nerve ☉ N Acoustic Nerve ☉ P Glossopharyngeal Nerve ☉ Q Vagus Nerve ☉ R Accessory Nerve ☉ S Hypoglossal Nerve ☉ T Spinal Meninges W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

☉ 005[F,G,H,J,K,L,M,N,P,Q,R,S][0,3,4]ZZ

LC Limited Coverage NC Noncovered HAC HAC associated procedure CC Combination Cluster DRG Non-OR ☉ Non-OR Revised Text in Orange ♂ Male ♀ Female

0 Medical and Surgical
0 Central Nervous System

8 Division: Cutting into a body part, without draining fluids and/or gases from the body part, in order to separate or transect a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 7 Cerebral Hemisphere 8 Basal Ganglia F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System

9 Drainage: Taking or letting out fluids and/or gases from a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 1 Cerebral Meninges ♂ 2 Dura Mater ♂ 3 Epidural Space 4 Subdural Space ♂ 5 Subarachnoid Space ♂ 6 Cerebral Ventricle 7 Cerebral Hemisphere 8 Basal Ganglia 9 Thalamus A Hypothalamus B Pons C Cerebellum D Medulla Oblongata F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve T Spinal Meninges U Spinal Canal ♂ W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Drainage Device	Z No Qualifier

♂ 009[1,2,4,5,U][3,4]OZ

- 0 Medical and Surgical
- 0 Central Nervous System
- 9 Drainage: Taking or letting out fluids and/or gases from a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain ☹ 1 Cerebral Meninges ☹ 2 Dura Mater ☹ 3 Epidural Space ☹ 4 Subdural Space ☹ 5 Subarachnoid Space ☹ 6 Cerebral Ventricle ☹ 7 Cerebral Hemisphere ☹ 8 Basal Ganglia ☹ 9 Thalamus ☹ A Hypothalamus ☹ B Pons ☹ C Cerebellum ☹ D Medulla Oblongata ☹ F Olfactory Nerve ☹ G Optic Nerve ☹ H Oculomotor Nerve ☹ J Trochlear Nerve ☹ K Trigeminal Nerve ☹ L Abducens Nerve ☹ M Facial Nerve ☹ N Acoustic Nerve ☹ P Glossopharyngeal Nerve ☹ Q Vagus Nerve ☹ R Accessory Nerve ☹ S Hypoglossal Nerve ☹ T Spinal Meninges U Spinal Canal ☹ W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	X Diagnostic Z No Qualifier

☹ 009[0,1,2,3,4,5,6,7,8,9,A,B,C,D,F,G,H,J,K,L,M,N,P,Q,R,S,U][3,4]Z [X,Z]

- 0 Medical and Surgical
- 0 Central Nervous System
- B Excision: Cutting out or off, without replacement, a portion of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain ☹ 1 Cerebral Meninges ☹ 2 Dura Mater ☹ 6 Cerebral Ventricle ☹ 7 Cerebral Hemisphere ☹ 8 Basal Ganglia ☹ 9 Thalamus ☹ A Hypothalamus ☹ B Pons ☹ C Cerebellum ☹ D Medulla Oblongata ☹ F Olfactory Nerve ☹ G Optic Nerve ☹ H Oculomotor Nerve ☹ J Trochlear Nerve ☹ K Trigeminal Nerve ☹ L Abducens Nerve ☹ M Facial Nerve ☹ N Acoustic Nerve ☹ P Glossopharyngeal Nerve ☹ Q Vagus Nerve ☹ R Accessory Nerve ☹ S Hypoglossal Nerve ☹ T Spinal Meninges W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	X Diagnostic Z No Qualifier

☹ 00B[0,1,2,6,7,8,9,A,B,C,D,F,G,H,J,K,L,M,N,P,Q,R,S][3,4]Z X

- 0 Medical and Surgical
 0 Central Nervous System
 C Extirpation: Taking or cutting out solid matter from a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 1 Cerebral Meninges 2 Dura Mater 3 Epidural Space 4 Subdural Space 5 Subarachnoid Space 6 Cerebral Ventricle 7 Cerebral Hemisphere 8 Basal Ganglia 9 Thalamus A Hypothalamus B Pons C Cerebellum D Medulla Oblongata F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve T Spinal Meninges W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

- 0 Medical and Surgical
 0 Central Nervous System
 D Extraction: Pulling or stripping out or off all or a portion of a body part by the use of force

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
1 Cerebral Meninges 2 Dura Mater F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve T Spinal Meninges	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System
F Fragmentation: Breaking solid matter in a body part into pieces

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
3 Epidural Space NC ⊗ 4 Subdural Space NC ⊗ 5 Subarachnoid Space NC ⊗ 6 Cerebral Ventricle NC ⊗ U Spinal Canal	0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	Z No Device	Z No Qualifier

NC 00F[3,4,5,6]XZZ
⊗ 00F[3,4,5,6]XZZ

0 Medical and Surgical
0 Central Nervous System
H Insertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a physiological function but does not physically take the place of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain ⊗ CC 6 Cerebral Ventricle ⊗ CC E Cranial Nerve ⊗ CC U Spinal Canal ⊗ CC V Spinal Cord ⊗ CC	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	2 Monitoring Device 3 Infusion Device M Neurostimulator Lead	Z No Qualifier

⊗ 00H[U,V][0,3,4]3Z
CC 00H[0,6,E,U,V][0,3,4]MZ

0 Medical and Surgical
0 Central Nervous System
J Inspection: Visually and/or manually exploring a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain E Cranial Nerve U Spinal Canal V Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System
K Map: Locating the route of passage of electrical impulses and/or locating functional areas in a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 7 Cerebral Hemisphere 8 Basal Ganglia 9 Thalamus A Hypothalamus B Pons C Cerebellum D Medulla Oblongata	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

00N-00P

ICD-10-PCS 2014 (Draft)

0 Medical and Surgical
0 Central Nervous System

N Release: Freeing a body part from an abnormal physical constraint by cutting or by the use of force

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 1 Cerebral Meninges 2 Dura Mater 6 Cerebral Ventricle 7 Cerebral Hemisphere 8 Basal Ganglia 9 Thalamus A Hypothalamus B Pons C Cerebellum D Medulla Oblongata F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve T Spinal Meninges W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System

P Removal: Taking out or off a device from a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain ♂ 6 Cerebral Ventricle ♂ E Cranial Nerve ♂ U Spinal Canal ♂ V Spinal Cord ♂	X External	0 Drainage Device 2 Monitoring Device 3 Infusion Device M Neurostimulator Lead	Z No Qualifier
0 Brain V Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Drainage Device 2 Monitoring Device 3 Infusion Device 7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute M Neurostimulator Lead	Z No Qualifier
6 Cerebral Ventricle U Spinal Canal	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Drainage Device 2 Monitoring Device 3 Infusion Device J Synthetic Substitute M Neurostimulator Lead	Z No Qualifier
E Cranial Nerve	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Drainage Device 2 Monitoring Device 3 Infusion Device 7 Autologous Tissue Substitute M Neurostimulator Lead	Z No Qualifier

♂ 00P[0,U,V]X[0,2,3,M]Z

♂ 00P6X[0,3]Z

♂ 00PEX[0,2,3]Z

LC Limited Coverage NC Noncovered HAC HAC associated procedure CC Combination Cluster DRG Non-OR ♂ Non-OR Revised Text in Orange ♂ Male ♀ Female

0 Medical and Surgical
0 Central Nervous System

Q Repair: Restoring, to the extent possible, a body part to its normal anatomic structure and function

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain 1 Cerebral Meninges 2 Dura Mater 6 Cerebral Ventricle 7 Cerebral Hemisphere 8 Basal Ganglia 9 Thalamus A Hypothalamus B Pons C Cerebellum D Medulla Oblongata F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve T Spinal Meninges W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System

S Reposition: Moving to its normal location, or other suitable location, all or a portion of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve W Cervical Spinal Cord X Thoracic Spinal Cord Y Lumbar Spinal Cord	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

00T-00W

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0 Medical and Surgical
0 Central Nervous System

T Resection: Cutting in or off, without replacement, all of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
7 Cerebral Hemisphere	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Z No Device	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System

U Supplement: Putting in or on biological or synthetic material that physically reinforces and/or augments the function of a portion of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
1 Cerebral Meninges 2 Dura Mater T Spinal Meninges	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute	Z No Qualifier
F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	7 Autologous Tissue Substitute	Z No Qualifier

0 Medical and Surgical
0 Central Nervous System

W Revision: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a displaced device

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Brain ☉ V Spinal Cord ☉	0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	0 Drainage Device 2 Monitoring Device 3 Infusion Device 7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute M Neurostimulator Lead	Z No Qualifier
6 Cerebral Ventricle ☉ U Spinal Canal ☉	0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	0 Drainage Device 2 Monitoring Device 3 Infusion Device J Synthetic Substitute M Neurostimulator Lead	Z No Qualifier
E Cranial Nerve ☉	0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	0 Drainage Device 2 Monitoring Device 3 Infusion Device 7 Autologous Tissue Substitute M Neurostimulator Lead	Z No Qualifier

☉ 00W[0,V]X [0,2,3,7,J,K,M]Z

☉ 00W[6,U]X [0,2,3,J,M]Z

☉ 00WE X [0,2,3,7,M]Z

0 Medical and Surgical

0 Central Nervous System

X Transfer: Moving, without taking out, all or a portion of a body part to another location to take over the function of all or a portion of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve	0 Open 4 Percutaneous Endoscopic	Z No Device	F Olfactory Nerve G Optic Nerve H Oculomotor Nerve J Trochlear Nerve K Trigeminal Nerve L Abducens Nerve M Facial Nerve N Acoustic Nerve P Glossopharyngeal Nerve Q Vagus Nerve R Accessory Nerve S Hypoglossal Nerve

DRAFT

Heart and Great Vessels 021-02Y

0 Medical and Surgical
 2 Heart and Great Vessels

H **Insertion:** Putting in a nonbiological appliance that monitors, assists, performs, or prevents a physiological function but does not physically take the place of a body part

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
4 Coronary Vein <small>HAC CC DRG</small> 6 Atrium, Right <small>HAC CC DRG</small> 7 Atrium, Left <small>HAC CC DRG</small> K Ventricle, Right <small>HAC CC DRG</small> L Ventricle, Left <small>HAC CC DRG</small>	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Monitoring Device, Pressure Sensor 2 Monitoring Device 3 Infusion Device D Intraluminal Device J Cardiac Lead, Pacemaker K Cardiac Lead, Defibrillator M Cardiac Lead	Z No Qualifier
A Heart <small>LC</small>	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	Q Implantable Heart Assist System	Z No Qualifier
A Heart <small>CC</small>	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	R External Heart Assist System	S Biventricular Z No Qualifier
N Pericardium <small>HAC CC</small>	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Monitoring Device, Pressure Sensor 2 Monitoring Device J Cardiac Lead, Pacemaker K Cardiac Lead, Defibrillator M Cardiac Lead	Z No Qualifier
P Pulmonary Trunk <small>DRG</small> Q Pulmonary Artery, Right <small>DRG</small> R Pulmonary Artery, Left <small>DRG</small> S Pulmonary Vein, Right <small>DRG</small> T Pulmonary Vein, Left <small>DRG</small> V Superior Vena Cava <small>DRG</small> W Thoracic Aorta <small>DRG</small>	0 Open 3 Percutaneous 4 Percutaneous Endoscopic	0 Monitoring Device, Pressure Sensor 2 Monitoring Device 3 Infusion Device D Intraluminal Device	Z No Qualifier

- LC 02HA [0,3,4]Q Z
- CC 02H[4,6,7,L][0,3,4][K,J,M]Z
- CC 02H[4,N][0,3,4][J,K,M]Z
- CC 02H[6,7][0,3,4][K,M,J]Z
- CC 02HA[0,3,4]R[S,Z]
- CC 02HK[0,3,4][0,2,K,J,M]Z
- HAC 02H[4,6,7,K,L][3,0,4][J,K,M]Z when reported with secondary diagnosis from K68.11, T81.4XXA, T82.6XXA, or T82.7XXA
- HAC 02HN[3,0,4][J,K,M]Z when reported with secondary diagnosis from K68.11, T81.4XXA, T82.6XXA, or T82.7XXA
- DRG 02H[6,7,K,L,4][3,0,4][J,M]Z
- DRG 02H[P,Q,R][0,3,4][0,2,3]Z
- DRG 02H[S,T,V][0,3,4]3Z
- DRG 02HW[0,3,4][0,3]Z

LC Limited Coverage NC Noncovered HAC HAC associated procedure CC Combination Cluster DRG DRG Non-OR DRG Non-OR Revised Text in Orange ♂ Male ♀ Female

Appendix A: Root Operations Definitions

0 -Medical and Surgical		
0	Alteration	Definition: Modifying the anatomic structure of a body part without affecting the function of the body part Explanation: Principal purpose is to improve appearance Includes/Examples: Face lift, breast augmentation
1	Bypass	Definition: Altering the route of passage of the contents of a tubular body part Explanation: Rerouting contents of a body part to a downstream area of the normal route, to a similar route and body part, or to an abnormal route and dissimilar body part. Includes one or more anastomoses, with or without the use of a device Includes/Examples: Coronary artery bypass, colostomy formation
2	Change	Definition: Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or a mucous membrane Explanation: All CHANGE procedures are coded using the approach EXTERNAL Includes/Examples: Urinary catheter change, gastrostomy tube change
3	Control	Definition: Stopping, or attempting to stop, postprocedural bleeding Explanation: The site of the bleeding is coded as an anatomical region and not to a specific body part Includes/Examples: Control of post-prostatectomy hemorrhage, control of post-tonsillectomy hemorrhage
4	Creation	Definition: Making a new genital structure that does not take over the function of a body part Explanation: Used only for sex change operations Includes/Examples: Creation of vagina in a male, creation of penis in a female
5	Destruction	Definition: Physical eradication of all or a portion of a body part by the direct use of energy, force, or a destructive agent Explanation: None of the body part is physically taken out Includes/Examples: Fulguration of rectal polyp, cautery of skin lesion
6	Detachment	Definition: Cutting off all or a portion of the upper or lower extremities Explanation: The body part value is the site of the detachment, with a qualifier if applicable to further specify the level where the extremity was detached Includes/Examples: Below knee amputation, disarticulation of shoulder
7	Dilation	Definition: Expanding an orifice or the lumen of a tubular body part Explanation: The orifice can be a natural orifice or an artificially created orifice. Accomplished by stretching a tubular body part using intraluminal pressure or by cutting part of the orifice or wall of the tubular body part Includes/Examples: Percutaneous transluminal angioplasty, pyloromyotomy
8	Division	Definition: Cutting into a body part, without draining fluids and/or gases from the body part, in order to separate or transect a body part Explanation: All or a portion of the body part is separated into two or more portions Includes/Examples: Spinal cordotomy, osteotomy
9	Drainage	Definition: Taking or letting out fluids and/or gases from a body part Explanation: The qualifier <i>diagnostic</i> is used to identify drainage procedures that are biopsies Includes/Examples: Thoracentesis, incision and drainage
B	Excision	Definition: Cutting out or off, without replacement, a portion of a body part Explanation: The qualifier <i>diagnostic</i> is used to identify excision procedures that are biopsies Includes/Examples: Partial nephrectomy, liver biopsy
C	Extirpation	Definition: Taking or cutting out solid matter from a body part Explanation: The solid matter may be an abnormal byproduct of a biological function or a foreign body; it may be imbedded in a body part or in the lumen of a tubular body part. The solid matter may or may not have been previously broken into pieces Includes/Examples: Thrombectomy, choledocholithotomy
D	Extraction	Definition: Pulling or stripping out or off all or a portion of a body part by the use of force Explanation: The qualifier <i>diagnostic</i> is used to identify extraction procedures that are biopsies Includes/Examples: Dilatation and curettage, vein stripping
F	Fragmentation	Definition: Breaking solid matter in a body part into pieces Explanation: Physical force (e.g., manual, ultrasonic) applied directly or indirectly is used to break the solid matter into pieces. The solid matter may be an abnormal byproduct of a biological function or a foreign body. The pieces of solid matter are not taken out Includes/Examples: Extracorporeal shockwave lithotripsy, transurethral lithotripsy
G	Fusion	Definition: Joining together portions of an articular body part rendering the articular body part immobile Explanation: The body part is joined together by fixation device, bone graft, or other means Includes/Examples: Spinal fusion, ankle arthrodesis

H	Insertion	Definition: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a physiological function but does not physically take the place of a body part Explanation: None Includes/Examples: Insertion of radioactive implant, insertion of central venous catheter
J	Inspection	Definition: Visually and/or manually exploring a body part Explanation: Visual exploration may be performed with or without optical instrumentation. Manual exploration may be performed directly or through intervening body layers Includes/Examples: Diagnostic arthroscopy, exploratory laparotomy
K	Map	Definition: Locating the route of passage of electrical impulses and/or locating functional areas in a body part Explanation: Applicable only to the cardiac conduction mechanism and the central nervous system Includes/Examples: Cardiac mapping, cortical mapping
L	Occlusion	Definition: Completely closing an orifice or the lumen of a tubular body part Explanation: The orifice can be a natural orifice or an artificially created orifice Includes/Examples: Fallopian tube ligation, ligation of inferior vena cava
M	Reattachment	Definition: Putting back in or on all or a portion of a separated body part to its normal location or other suitable location Explanation: Vascular circulation and nervous pathways may or may not be reestablished Includes/Examples: Reattachment of hand, reattachment of avulsed kidney
N	Release	Definition: Freeing a body part from an abnormal physical constraint by cutting or by the use of force Explanation: Some of the restraining tissue may be taken out but none of the body part is taken out Includes/Examples: Adhesiolysis, carpal tunnel release
P	Removal	Definition: Taking out or off a device from a body part Explanation: If a device is taken out and a similar device put in without cutting or puncturing the skin or mucous membrane, the procedure is coded to the root operation CHANGE. Otherwise, the procedure for taking out a device is coded to the root operation REMOVAL Includes/Examples: Drainage tube removal, cardiac pacemaker removal
Q	Repair	Definition: Restoring, to the extent possible, a body part to its normal anatomic structure and function Explanation: Used only when the method to accomplish the repair is not one of the other root operations Includes/Examples: Colostomy takedown, suture of laceration
R	Replacement	Definition: Putting in or on biological or synthetic material that physically takes the place and/or function of all or a portion of a body part Explanation: The body part may have been taken out or replaced, or may be taken out, physically eradicated, or rendered nonfunctional during the Replacement procedure. A Removal procedure is coded for taking out the device used in a previous replacement procedure Includes/Examples: Total hip replacement, bone graft, free skin graft
S	Reposition	Definition: Moving to its normal location, or other suitable location, all or a portion of a body part Explanation: The body part is moved to a new location from an abnormal location, or from a normal location where it is not functioning correctly. The body part may or may not be cut out or off to be moved to the new location Includes/Examples: Reposition of undescended testicle, fracture reduction
T	Resection	Definition: Cutting out or off, without replacement, all of a body part Explanation: None Includes/Examples: Total nephrectomy, total lobectomy of lung
V	Restriction	Definition: Partially closing an orifice or the lumen of a tubular body part Explanation: The orifice can be a natural orifice or an artificially created orifice Includes/Examples: Esophagogastric fundoplication, cervical cerclage
W	Revision	Definition: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a displaced device Explanation: Revision can include correcting a malfunctioning or displaced device by taking out or putting in components of the device such as a screw or pin Includes/Examples: Adjustment of position of pacemaker lead, recementing of hip prosthesis
U	Supplement	Definition: Putting in or on biological or synthetic material that physically reinforces and/or augments the function of a portion of a body part Explanation: The biological material is non-living, or is living and from the same individual. The body part may have been previously replaced, and the Supplement procedure is performed to physically reinforce and/or augment the function of the replaced body part Includes/Examples: Herniorrhaphy using mesh, free nerve graft, mitral valve ring annuloplasty, put a new acetabular liner in a previous hip replacement

X	Transfer	Definition: Moving, without taking out, all or a portion of a body part to another location to take over the function of all or a portion of a body part Explanation: The body part transferred remains connected to its vascular and nervous supply Includes/Examples: Tendon transfer, skin pedicle flap transfer
Y	Transplantation	Definition: Putting in or on all or a portion of a living body part taken from another individual or animal to physically take the place and/or function of all or a portion of a similar body part Explanation: The native body part may or may not be taken out, and the transplanted body part may take over all or a portion of its function Includes/Examples: Kidney transplant, heart transplant

1 Obstetrics

A	Abortion	Definition: Artificially terminating a pregnancy
E	Delivery	Definition: Assisting the passage of the products of conception from the genital canal

2 Placement

0	Change	Definition: Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or a mucous membrane
1	Compression	Definition: Putting pressure on a body region
2	Dressing	Definition: Putting material on a body region for protection
3	Immobilization	Definition: Limiting or preventing motion of a body region
4	Packing	Definition: Putting material in a body region or orifice
5	Removal	Definition: Taking out or off a device from a body part
6	Traction	Definition: Exerting a pulling force on a body region in a distal direction

3 - Administration

0	Introduction	Definition: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products
1	Irrigation	Definition: Putting in or on a cleansing substance
2	Transfusion	Definition: Putting in blood or blood products

4 - Measurement and Monitoring

0	Measurement	Definition: Determining the level of a physiological or physical function at a point in time
1	Monitoring	Definition: Determining the level of a physiological or physical function repetitively over a period of time

5 - Extracorporeal Assistance and Performance

0	Assistance	Definition: Taking over a portion of a physiological function by extracorporeal means
1	Performance	Definition: Completely taking over a physiological function by extracorporeal means
2	Restoration	Definition: Returning, or attempting to return, a physiological function to its original state by extracorporeal means.

6 - Extracorporeal Therapies

0	Atmospheric Control	Definition: Extracorporeal control of atmospheric pressure and composition
1	Decompression	Definition: Extracorporeal elimination of undissolved gas from body fluids
2	Electromagnetic Therapy	Definition: Extracorporeal treatment by electromagnetic rays
3	Hyperthermia	Definition: Extracorporeal raising of body temperature
4	Hypothermia	Definition: Extracorporeal lowering of body temperature
5	Pheresis	Definition: Extracorporeal separation of blood products
6	Phototherapy	Definition: Extracorporeal treatment by light rays
7	Ultrasound Therapy	Definition: Extracorporeal treatment by ultrasound
8	Ultraviolet Light Therapy	Definition: Extracorporeal treatment by ultraviolet light
9	Shock Wave Therapy	Definition: Extracorporeal treatment by shock waves

7 - Osteopathic

0	Treatment	Definition: Manual treatment to eliminate or alleviate somatic dysfunction and related disorders
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8 - Other Procedures

0	Other Procedures	Definition: Methodologies which attempt to remediate or cure a disorder or disease
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9 - Chiropractic

B	Manipulation	Definition: Manual procedure that involves a directed thrust to move a joint past the physiological range of motion, without exceeding the anatomical limit
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Appendix C: Device Key and Aggregation Table

Device Term	PCS Description
3f (Aortic) Bioprosthesis valve	Zooplastic Tissue in Heart and Great Vessels
AbioCor® Total Replacement Heart	Synthetic Substitute
Acellular Hydrated Dermis	Nonautologous Tissue Substitute
Activa PC neurostimulator	Stimulator Generator, Multiple Array for Insertion in Subcutaneous Tissue and Fascia
Activa RC neurostimulator	Stimulator Generator, Multiple Array Rechargeable for Insertion in Subcutaneous Tissue and Fascia
Activa SC neurostimulator	Stimulator Generator, Single Array for Insertion in Subcutaneous Tissue and Fascia
ACUITY™ Steerable Lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels Cardiac Lead, Pacemaker for Insertion in Heart and Great Vessels
AMPLATZER® Muscular VSD Occluder	Synthetic Substitute
AMS 800® Urinary Control System	Artificial Sphincter in Urinary System
AneuRx® AAA Advantage®	Intraluminal Device
Annuloplasty ring	Synthetic Substitute
Artificial anal sphincter (AAS)	Artificial Sphincter in Gastrointestinal System
Artificial bowel sphincter (neosphincter)	Artificial Sphincter in Gastrointestinal System
Artificial urinary sphincter (AUS)	Artificial Sphincter in Urinary System
Assurant (Cobalt) stent	Intraluminal Device
Attain Ability® lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels Cardiac Lead, Pacemaker for Insertion in Heart and Great Vessels
Attain StarFix® (OTW) lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels Cardiac Lead, Pacemaker for Insertion in Heart and Great Vessels
Autograft	Autologous Tissue Substitute
Autologous artery graft	Autologous Arterial Tissue in Heart and Great Vessels Autologous Arterial Tissue in Lower Arteries Autologous Arterial Tissue in Lower Veins Autologous Arterial Tissue in Upper Arteries Autologous Arterial Tissue in Upper Veins

Device Term	PCS Description
Autologous vein graft	Autologous Venous Tissue in Heart and Great Vessels Autologous Venous Tissue in Lower Arteries Autologous Venous Tissue in Lower Veins Autologous Venous Tissue in Upper Arteries Autologous Venous Tissue in Upper Veins
Axial Lumbar Interbody Fusion System	Interbody Fusion Device in Lower Joints
AxiaLIF® System	Interbody Fusion Device in Lower Joints
BAK/C® Interbody Cervical Fusion System	Interbody Fusion Device in Upper Joints
Bard® Composix® (E/X)(LP) mesh	Synthetic Substitute
Bard® Composix® Kugel® patch	Synthetic Substitute
Bard® Dulex™ mesh	Synthetic Substitute
Bard® Ventralex™ hernia patch	Synthetic Substitute
Baroreflex Activation Therapy® (BAT®)	Cardiac Rhythm Related Device in Subcutaneous Tissue and Fascia Stimulator Lead in Upper Arteries
Berlin Heart Ventricular Assist Device	Implantable Heart Assist System in Heart and Great Vessels
Bioactive embolization coil(s)	Intraluminal Device, Bioactive in Upper Arteries
Biventricular external heart assist system	External Heart Assist System in Heart and Great Vessels
Blood glucose monitoring system	Monitoring Device
Bone anchored hearing device	Hearing Device in Head and Facial Bones Hearing Device, Bone Conduction for Insertion in Ear, Nose, Sinus
Bone bank bone graft	Nonautologous Tissue Substitute
Bone screw (interlocking)(lag)(pedicle)(recessed)	Internal Fixation Device in Head and Facial Bones Internal Fixation Device in Lower Bones Internal Fixation Device in Upper Bones
Bovine pericardial valve	Zooplastic Tissue in Heart and Great Vessels
Bovine pericardium graft	Zooplastic Tissue in Heart and Great Vessels
Brachytherapy seeds	Radioactive Element
BRYAN® Cervical Disc System	Synthetic Substitute
BVS 5000 Ventricular Assist Device	External Heart Assist System in Heart and Great Vessels
Cardiac contractility modulation lead	Cardiac Lead in Heart and Great Vessels
Cardiac event recorder	Monitoring Device

Device Term	PCS Description	Device Term	PCS Description
Cardiac resynchronization therapy (CRT) lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels	Corox (OTW) Bipolar Lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels
	Cardiac Lead, Pacemaker for Insertion in Heart and Great Vessels		Cardiac Lead, Pacemaker for Insertion in Heart and Great Vessels
CardioMEMS® pressure sensor	Monitoring Device, Pressure Sensor for Insertion in Heart and Great Vessels	Cortical strip neurostimulator lead	Neurostimulator Lead in Central Nervous System
Carotid (artery) sinus (baroreceptor) lead	Stimulator Lead in Upper Arteries	Cultured epidermal cell autograft	Autologous Tissue Substitute
Carotid WALLSTENT® Monorail® Endoprosthesis	Intraluminal Device	CYPHER® Stent	Intraluminal Device, Drug-eluting in Heart and Great Vessels
Centrimag® Blood Pump	Intraluminal Device	Cystostomy tube	Drainage Device
Clamp and rod internal fixation system (CRIF)	Internal Fixation Device in Lower Bones	DBS lead	Neurostimulator Lead in Central Nervous System
	Internal Fixation Device in Upper Bones	DeBaKey Left Ventricular Assist Device	Implantable Heart Assist System in Heart and Great Vessels
CoAxia NeuroFlo catheter	Intraluminal Device	Deep brain neurostimulator lead	Neurostimulator Lead in Central Nervous System
Cobalt/chromium head and polyethylene socket	Synthetic Substitute, Metal on Polyethylene for Replacement in Lower Joints	Delta frame external fixator	External Fixation Device, Hybrid for Insertion in Lower Bones
	Synthetic Substitute, Metal for Replacement in Lower Joints		External Fixation Device, Hybrid for Insertion in Upper Bones
Cobalt/chromium head and socket	Synthetic Substitute, Metal for Replacement in Lower Joints		External Fixation Device, Hybrid for Reposition in Lower Bones
			External Fixation Device, Hybrid for Reposition in Upper Bones
Cochlear implant (CI), multiple channel (electrode)	Hearing Device, Multiple Channel Cochlear Prosthesis for Insertion in Ear, Nose, Sinus	Delta III Reverse shoulder prosthesis	Synthetic Substitute, Reverse Ball and Socket for Replacement in Upper Joints
Cochlear implant (CI), single channel (electrode)	Hearing Device, Single Channel Cochlear Prosthesis for Insertion in Ear, Nose, Sinus	Diaphragmatic pacemaker generator	Stimulator Generator in Subcutaneous Tissue and Fascia
COGNIS® CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia	Direct Lateral Interbody Fusion (DLIF) device	Interbody Fusion Device in Lower Joints
Colonic Z-Stent®	Intraluminal Device	Driver stent (RX) (OTW)	Intraluminal Device
Complete (SE) stent	Intraluminal Device	DuraHeart Left Ventricular Assist System	Implantable Heart Assist System in Heart and Great Vessels
Concerto II CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia	Durata® Defibrillation Lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels
CONSERVE® PLUS Total Resurfacing Hip System	Resurfacing Device in Lower Joints	Dynesys® Dynamic Stabilization System	Spinal Stabilization Device, Pedicle-Based for Insertion in Lower Joints Spinal Stabilization Device, Pedicle-Based for Insertion in Upper Joints
Consulta CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia	E-Luminex™ (Biliary)(Vascular) Stent	Intraluminal Device
Consulta CRT-P	Cardiac Resynchronization Pacemaker Pulse Generator for Insertion in Subcutaneous Tissue and Fascia	Electrical bone growth stimulator (EBGS)	Bone Growth Stimulator in Head and Facial Bones Bone Growth Stimulator in Lower Bones Bone Growth Stimulator in Upper Bones
CONTAK RENEWAL® 3 RF (HE) CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia	Electrical muscle stimulation (EMS) lead	Stimulator Lead in Muscles
Contegra Pulmonary Valved Conduit	Zooplasic Tissue in Heart and Great Vessels	Electronic muscle stimulator lead	Stimulator Lead in Muscles
Continuous Glucose Monitoring (CGM) device	Monitoring Device	Embolization coil(s)	Intraluminal Device
CoreValve transcatheter aortic valve	Zooplasic Tissue in Heart and Great Vessels	Endeavor® (III)(IV) (Sprint) Zotarolimus-eluting Coronary Stent System	Intraluminal Device, Drug-eluting in Heart and Great Vessels
Cormet Hip Resurfacing System	Resurfacing Device in Lower Joints	EndoSure® sensor	Monitoring Device, Pressure Sensor for Insertion in Heart and Great Vessels
CoRoent® XL	Interbody Fusion Device in Lower Joints		

Device Term	PCS Description
ENDOTAK RELIANCE® (G) Defibrillation Lead	Cardiac Lead, Defibrillator for Insertion in Heart and Great Vessels
Endotracheal tube (cuffed)(double-lumen)	Intraluminal Device, Endotracheal Airway in Respiratory System
Endurant® Endovascular Stent Graft	Intraluminal Device
EnRhythm	Pacemaker, Dual Chamber for Insertion in Subcutaneous Tissue and Fascia
Enterra gastric neurostimulator	Stimulator Generator, Multiple Array for Insertion in Subcutaneous Tissue and Fascia
Epic™ Stented Tissue Valve (aortic)	Zooplastic Tissue in Heart and Great Vessels
Epice® cultured epidermal autograft	Autologous Tissue Substitute
Epiretinal visual prosthesis	Epiretinal Visual Prosthesis in Eye
Esophageal obturator airway (EOA)	Intraluminal Device, Airway in Gastrointestinal System
Esteem® implantable hearing system	Hearing Device in Ear, Nose, Sinus
Everolimus-eluting coronary stent	Intraluminal Device, Drug-eluting in Heart and Great Vessels
Ex-PRESS™ mini glaucoma shunt	Synthetic Substitute
Express® (LD) Premounted Stent System	Intraluminal Device
Express® Biliary SD Monorail® Premounted Stent System	Intraluminal Device
Express® SD Renal Monorail® Premounted Stent System	Intraluminal Device
External fixator	External Fixation Device in Head and Facial Bones External Fixation Device in Lower Bones External Fixation Device in Lower Joints External Fixation Device in Upper Bones External Fixation Device in Upper Joints
EXTreme Lateral Interbody Fusion (XLIF) device	Interbody Fusion Device in Lower Joints
Facet replacement spinal stabilization device	Spinal Stabilization Device, Facet Replacement for Insertion in Lower Joints Spinal Stabilization Device, Facet Replacement for Insertion in Upper Joints
FLAIR® Endovascular Stent Graft	Intraluminal Device
Flexible Composite Mesh	Synthetic Substitute
Foley catheter	Drainage Device
Formula™ Balloon-Expandable Renal Stent System	Intraluminal Device
Freestyle (Stentless) Aortic Root Bioprosthesis	Zooplastic Tissue in Heart and Great Vessels

Device Term	PCS Description
Fusion screw (compression)(lag)(locking)	Internal Fixation Device in Lower Joints Internal Fixation Device in Upper Joints
Gastric electrical stimulation (GES) lead	Stimulator Lead in Gastrointestinal System
Gastric pacemaker lead	Stimulator Lead in Gastrointestinal System
GORE® DUALMESH®	Synthetic Substitute
Guedel airway	Intraluminal Device, Airway in Mouth and Throat
Hancock Bioprosthesis (aortic) (mitral) valve	Zooplastic Tissue in Heart and Great Vessels
Hancock Bioprosthetic Valved Conduit	Zooplastic Tissue in Heart and Great Vessels
HeartMate II® Left Ventricular Assist Device (LVAD)	Implantable Heart Assist System in Heart and Great Vessels
HeartMate XVE® Left Ventricular Assist Device (LVAD)	Implantable Heart Assist System in Heart and Great Vessels
Hip (joint) liner	Liner in Lower Joints
Holter valve ventricular shunt	Synthetic Substitute
Ilizarov external fixator	External Fixation Device, Ring for Insertion in Lower Bones External Fixation Device, Ring for Insertion in Upper Bones External Fixation Device, Ring for Reposition in Lower Bones External Fixation Device, Ring for Reposition in Upper Bones
Ilizarov-Vecklich device	External Fixation Device, Limb Lengthening for Insertion in Lower Bones External Fixation Device, Limb Lengthening for Insertion in Upper Bones
Impella® (2.5)(5.0)(LD) cardiac assist device	Intraluminal Device
Implantable cardioverter-defibrillator (ICD)	Defibrillator Generator for Insertion in Subcutaneous Tissue and Fascia
Implantable drug infusion pump (anti-spasmodic)(chemotherapy)(pain)	Infusion Device, Pump in Subcutaneous Tissue and Fascia
Implantable glucose monitoring device	Monitoring Device
Implantable hemodynamic monitor (IHM)	Monitoring Device, Hemodynamic for Insertion in Subcutaneous Tissue and Fascia
Implantable hemodynamic monitoring system (IHMS)	Monitoring Device, Hemodynamic for Insertion in Subcutaneous Tissue and Fascia
Implantable Miniature Telescope™ (IMT)	Synthetic Substitute, Intraocular Telescope for Replacement in Eye
Implanted (venous)(access) port	Vascular Access Device, Reservoir in Subcutaneous Tissue and Fascia
InDura, intrathecal catheter (1P) (spinal)	Infusion Device

Device Term	PCS Description	Device Term	PCS Description
Injection reservoir, port	Vascular Access Device, Reservoir in Subcutaneous Tissue and Fascia	LifeStent® (Flexstar)(XL) Vascular Stent System	Intraluminal Device
Injection reservoir, pump	Infusion Device, Pump in Subcutaneous Tissue and Fascia	LIVIAN™ CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia
Interbody fusion (spine) cage	Interbody Fusion Device in Lower Joints	Loop recorder, implantable	Monitoring Device
	Interbody Fusion Device in Upper Joints	Mark IV Breathing Pacemaker System	Stimulator Generator in Subcutaneous Tissue and Fascia
Interspinous process spinal stabilization device	Spinal Stabilization Device, Interspinous Process for Insertion in Lower Joints	Maximo II DR (VR)	Defibrillator Generator for Insertion in Subcutaneous Tissue and Fascia
	Spinal Stabilization Device, Interspinous Process for Insertion in Upper Joints	Maximo II DR CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia
InterStim® Therapy lead	Neurostimulator Lead in Peripheral Nervous System	Melody® transcatheter pulmonary valve	Zooplastic Tissue in Heart and Great Vessels
InterStim® Therapy neurostimulator	Stimulator Generator, Single Array for Insertion in Subcutaneous Tissue and Fascia	Micro-Driver stent (RX) (OTW)	Intraluminal Device
Intramedullary (IM) rod (nail)	Internal Fixation Device, Intramedullary in Lower Bones	MicroMed HeartAssist	Implantable Heart Assist System in Heart and Great Vessels
	Internal Fixation Device, Intramedullary in Upper Bones	Micrus CERECYTE microcoil	Intraluminal Device, Bioactive in Upper Arteries
Intramedullary skeletal kinetic distractor (ISKD)	Internal Fixation Device, Intramedullary in Lower Bones	MitraClip valve repair system	Synthetic Substitute
	Internal Fixation Device, Intramedullary in Upper Bones	Mitroflow® Aortic Pericardial Heart Valve	Zooplastic Tissue in Heart and Great Vessels
Intrauterine device (IUD)	Contraceptive Device in Female Reproductive System	Nasopharyngeal airway (NPA)	Intraluminal Device, Airway in Ear, Nose, Sinus
Itrel (3)(4) neurostimulator	Stimulator Generator, Single Array for Insertion in Subcutaneous Tissue and Fascia	Neuromuscular electrical stimulation (NEMS) lead	Stimulator Lead in Muscles
Joint fixation plate	Internal Fixation Device in Lower Joints	Neurostimulator generator, multiple channel	Stimulator Generator, Multiple Array for Insertion in Subcutaneous Tissue and Fascia
	Internal Fixation Device in Upper Joints	Neurostimulator generator, multiple channel rechargeable	Stimulator Generator, Multiple Array Rechargeable for Insertion in Subcutaneous Tissue and Fascia
Joint liner (insert)	Liner in Lower Joints	Neurostimulator generator, single channel	Stimulator Generator, Single Array for Insertion in Subcutaneous Tissue and Fascia
Joint spacer (antibiotic)	Spacer in Lower Joints	Neurostimulator generator, single channel rechargeable	Stimulator Generator, Single Array Rechargeable for Insertion in Subcutaneous Tissue and Fascia
	Spacer in Upper Joints	Neutralization plate	Internal Fixation Device in Head and Facial Bones Internal Fixation Device in Lower Bones Internal Fixation Device in Upper Bones
Kappa	Pacemaker, Dual Chamber for Insertion in Subcutaneous Tissue and Fascia	Nitinol framed polymer mesh	Synthetic Substitute
Kinetra® neurostimulator	Stimulator Generator, Multiple Array for Insertion in Subcutaneous Tissue and Fascia	Non-tunneled central venous catheter	Infusion Device
Kirschner wire (K-wire)	Internal Fixation Device in Head and Facial Bones	Novacor Left Ventricular Assist Device	Implantable Heart Assist System in Heart and Great Vessels
	Internal Fixation Device in Lower Bones	Novation® Ceramic AHS® (Articulation Hip System)	Synthetic Substitute, Ceramic for Replacement in Lower Joints
	Internal Fixation Device in Lower Joints		
	Internal Fixation Device in Upper Bones		
	Internal Fixation Device in Upper Joints		
Knee (implant) insert	Liner in Lower Joints		
Kuntscher nail	Internal Fixation Device, Intramedullary in Lower Bones		
	Internal Fixation Device, Intramedullary in Upper Bones		
LAP-BAND® adjustable gastric banding system	Extraluminal Device		

Device Term	PCS Description
Optimizer™ III implantable pulse generator	Contractility Modulation Device for Insertion in Subcutaneous Tissue and Fascia
Oropharyngeal airway (OPA)	Intraluminal Device, Airway in Mouth and Throat
Ovatio™ CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia
Oxidized zirconium ceramic hip bearing surface	Synthetic Substitute, Ceramic on Polyethylene for Replacement in Lower Joints
Paclitaxel-eluting coronary stent	Intraluminal Device, Drug-eluting in Heart and Great Vessels
Paclitaxel-eluting peripheral stent	Intraluminal Device, Drug-eluting in Lower Arteries Intraluminal Device, Drug-eluting in Upper Arteries
Partially absorbable mesh	Synthetic Substitute
Pedicle-based dynamic stabilization device	Spinal Stabilization Device, Pedicle-Based for Insertion in Lower Joints Spinal Stabilization Device, Pedicle-Based for Insertion in Upper Joints
Percutaneous endoscopic gastrojejunostomy (PEG/J) tube	Feeding Device in Gastrointestinal System
Percutaneous endoscopic gastrostomy (PEG) tube	Feeding Device in Gastrointestinal System
Percutaneous nephrostomy catheter	Drainage Device
Peripherally inserted central catheter (PICC)	Infusion Device
Pessary ring	Intraluminal Device, Pessary in Female Reproductive System
Phrenic nerve stimulator generator	Stimulator Generator in Subcutaneous Tissue and Fascia
Phrenic nerve stimulator lead	Diaphragmatic Pacemaker Lead in Respiratory System
PHYSIOMESH™ Flexible Composite Mesh	Synthetic Substitute
Pipeline™ Embolization device (PED)	Intraluminal Device
Polyethylene socket	Synthetic Substitute, Polyethylene for Replacement in Lower Joints
Polymethylmethacrylate (PMMA)	Synthetic Substitute
Polypropylene mesh	Synthetic Substitute
Porcine (bioprosthetic) valve	Zooplasic Tissue in Heart and Great Vessels
PRESTIGE® Cervical Disc	Synthetic Substitute
PrimeAdvanced neurostimulator	Stimulator Generator, Multiple Array for Insertion in Subcutaneous Tissue and Fascia
PROCEED™ Ventral Patch	Synthetic Substitute
Prodisc-C	Synthetic Substitute
Prodisc-L	Synthetic Substitute
PROLENE Polypropylene Hernia System (PHS)	Synthetic Substitute

Device Term	PCS Description
Protecta XT CRT-D	Cardiac Resynchronization Defibrillator Pulse Generator for Insertion in Subcutaneous Tissue and Fascia
Protecta XT DR (XT VR)	Defibrillator Generator for Insertion in Subcutaneous Tissue and Fascia
Protégé® RX Carotid Stent System	Intraluminal Device
Pump reservoir	Infusion Device, Pump in Subcutaneous Tissue and Fascia
REALIZE® Adjustable Gastric Band	Extraluminal Device
Rebound HRD® (Hernia Repair Device)	Synthetic Substitute
RestoreAdvanced neurostimulator	Stimulator Generator, Multiple Array Rechargeable for Insertion in Subcutaneous Tissue and Fascia
RestoreSensor neurostimulator	Stimulator Generator, Multiple Array Rechargeable for Insertion in Subcutaneous Tissue and Fascia
RestoreUltra neurostimulator	Stimulator Generator, Multiple Array Rechargeable for Insertion in Subcutaneous Tissue and Fascia
Reveal (DX)(XT)	Monitoring Device
Reverse® Shoulder Prosthesis	Synthetic Substitute, Reverse Ball and Socket for Replacement in Upper Joints
Revo MRI™ SureScan® pacemaker	Pacemaker, Dual Chamber for Insertion in Subcutaneous Tissue and Fascia
Rheos® System device	Cardiac Rhythm Related Device in Subcutaneous Tissue and Fascia
Rheos® System lead	Stimulator Lead in Upper Arteries
RNS System lead	Neurostimulator Lead in Central Nervous System
RNS system neurostimulator generator	Neurostimulator Generator in Head and Facial Bones
Sacral nerve modulation (SNM) lead	Stimulator Lead in Urinary System
Sacral neuromodulation lead	Stimulator Lead in Urinary System
SAPIEN transcatheter aortic valve	Zooplasic Tissue in Heart and Great Vessels
Secura (DR) (VR)	Defibrillator Generator for Insertion in Subcutaneous Tissue and Fascia
Sheffield hybrid external fixator	External Fixation Device, Hybrid for Insertion in Lower Bones External Fixation Device, Hybrid for Insertion in Upper Bones External Fixation Device, Hybrid for Reposition in Lower Bones External Fixation Device, Hybrid for Reposition in Upper Bones
Sheffield ring external fixator	External Fixation Device, Ring for Insertion in Lower Bones External Fixation Device, Ring for Insertion in Upper Bones External Fixation Device, Ring for Reposition in Lower Bones External Fixation Device, Ring for Reposition in Upper Bones

Device Term	PCS Description
Single lead pacemaker (atrium)(ventricle)	Pacemaker, Single Chamber for Insertion in Subcutaneous Tissue and Fascia
Single lead rate responsive pacemaker (atrium)(ventricle)	Pacemaker, Single Chamber Rate Responsive for Insertion in Subcutaneous Tissue and Fascia
Sirolimus-eluting coronary stent	Intraluminal Device, Drug-eluting in Heart and Great Vessels
SJM Biocor® Stented Valve System	Zooplasmic Tissue in Heart and Great Vessels
Solectra® neurostimulator	Stimulator Generator, Single Array for Insertion in Subcutaneous Tissue and Fascia
Spinal cord neurostimulator lead	Neurostimulator Lead in Central Nervous System
Spiration IBV™ Valve System	Intraluminal Device, Endobronchial Valve in Respiratory System
Stent (angioplasty)(embolization)	Intraluminal Device
Stented tissue valve	Zooplasmic Tissue in Heart and Great Vessels
Stratos LV	Cardiac Resynchronization Pacemaker Pulse Generator for Insertion in Subcutaneous Tissue and Fascia
Subcutaneous injection reservoir, port	Vascular Access Device, Reservoir in Subcutaneous Tissue and Fascia
Subcutaneous injection reservoir, pump	Infusion Device, Pump in Subcutaneous Tissue and Fascia
Subdermal progesterone implant	Contraceptive Device in Subcutaneous Tissue and Fascia
SynCardia Total Artificial Heart	Synthetic Substitute
Synchra CRT-P	Cardiac Resynchronization Pacemaker Pulse Generator for Insertion in Subcutaneous Tissue and Fascia
Talent® Converter	Intraluminal Device
Talent® Occluder	Intraluminal Device
Talent® Stent Graft (abdominal)(thoracic)	Intraluminal Device
TandemHeart® System	External Heart Assist System in Heart and Great Vessels
TAXUS® Liberté® Paclitaxel-eluting Coronary Stent System	Intraluminal Device, Drug-eluting in Heart and Great Vessels
Therapeutic occlusion coil(s)	Intraluminal Device
Thoracostomy tube	Drainage Device
Thoratec IVAD (Implantable Ventricular Assist Device)	Implantable Heart Assist System in Heart and Great Vessels
Thoratec Paracorporeal Ventricular Assist Device	External Heart Assist System in Heart and Great Vessels
TigerPaw® system for closure of left atrial appendage	Extraluminal Device
Tissue bank graft	Nonautologous Tissue Substitute
Tissue expander (inflatable)(injectable)	Tissue Expander in Skin and Breast

Device Term	PCS Description
	Tissue Expander in Subcutaneous Tissue and Fascia
Titanium Sternal Fixation System (TSFS)	Internal Fixation Device, Rigid Plate for Insertion in Upper Bones Internal Fixation Device, Rigid Plate for Reposition in Upper Bones
Total artificial (replacement) heart	Synthetic Substitute
Tracheostomy tube	Tracheostomy Device in Respiratory System
Trifecta™ Valve (aortic)	Zooplasmic Tissue in Heart and Great Vessels
Tunneled central venous catheter	Vascular Access Device in Subcutaneous Tissue and Fascia
Tunneled spinal (intrathecal) catheter	Infusion Device
Two lead pacemaker	Pacemaker, Dual Chamber for Insertion in Subcutaneous Tissue and Fascia
Ultraflex™ Precision Colonic Stent System	Intraluminal Device
ULTRAPRO Hernia System (UHS)	Synthetic Substitute
ULTRAPRO Partially Absorbable Lightweight Mesh	Synthetic Substitute
ULTRAPRO Plug	Synthetic Substitute
Ultrasonic osteogenic stimulator	Bone Growth Stimulator in Head and Facial Bones Bone Growth Stimulator in Lower Bones Bone Growth Stimulator in Upper Bones
Ultrasound bone healing system	Bone Growth Stimulator in Head and Facial Bones Bone Growth Stimulator in Lower Bones Bone Growth Stimulator in Upper Bones
Uniplanar external fixator	External Fixation Device, Monoplanar for Insertion in Lower Bones External Fixation Device, Monoplanar for Insertion in Upper Bones External Fixation Device, Monoplanar for Reposition in Lower Bones External Fixation Device, Monoplanar for Reposition in Upper Bones
Urinary incontinence stimulator lead	Stimulator Lead in Urinary System
Vaginal pessary	Intraluminal Device, Pessary in Female Reproductive System
Valiant Thoracic Stent Graft	Intraluminal Device
Vectra® Vascular Access Graft	Vascular Access Device in Subcutaneous Tissue and Fascia
Ventrio™ Hernia Patch	Synthetic Substitute
Versa	Pacemaker, Dual Chamber for Insertion in Subcutaneous Tissue and Fascia

Device Term	PCS Description
Virtuoso (II) (DR) (VR)	Defibrillator Generator for Insertion in Subcutaneous Tissue and Fascia
WALLSTENT® Endoprosthesis	Intraluminal Device
X-STOP® Spacer	Spinal Stabilization Device, Interspinous Process for Insertion in Lower Joints Spinal Stabilization Device, Interspinous Process for Insertion in Upper Joints
Xenograft	Zooplasmic Tissue in Heart and Great Vessels
XIENCE V Everolimus Eluting Coronary Stent System	Intraluminal Device, Drug-eluting in Heart and Great Vessels
XLIF® System	Interbody Fusion Device in Lower Joints

Device Term	PCS Description
Zenith Flex® AAA Endovascular Graft	Intraluminal Device
Zenith TX2® TAA Endovascular Graft	Intraluminal Device
Zenith® Renu™ AAA Ancillary Graft	Intraluminal Device
Zilver® PTX® (paclitaxel) Drug-Eluting Peripheral Stent	Intraluminal Device, Drug-eluting in Lower Arteries Intraluminal Device, Drug-eluting in Upper Arteries
Zimmer® NexGen® LPS Mobile Bearing Knee	Synthetic Substitute
Zimmer® NexGen® LPS-Flex Mobile Knee	Synthetic Substitute
Zotarolimus-eluting coronary stent	Intraluminal Device, Drug-eluting in Heart and Great Vessels

Device Aggregation Table

Specific Device	For Operation	In Body System	General Device
Autologous Arterial Tissue	All applicable	Heart and Great Vessels Lower Arteries Lower Veins Upper Arteries Upper Veins	7 Autologous Tissue Substitute
Autologous Venous Tissue	All applicable	Heart and Great Vessels Lower Arteries Lower Veins Upper Arteries Upper Veins	7 Autologous Tissue Substitute
Cardiac Lead, Defibrillator	Insertion	Heart and Great Vessels	M Cardiac Lead
Cardiac Lead, Pacemaker	Insertion	Heart and Great Vessels	M Cardiac Lead
Cardiac Resynchronization Defibrillator Pulse Generator	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Cardiac Resynchronization Pacemaker Pulse Generator	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Contractility Modulation Device	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Defibrillator Generator	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Epiretinal Visual Prosthesis	All applicable	Eye	J Synthetic Substitute
External Fixation Device, Hybrid	Insertion	Lower Bones Upper Bones	5 External Fixation Device
External Fixation Device, Hybrid	Reposition	Lower Bones Upper Bones	5 External Fixation Device
External Fixation Device, Limb Lengthening	Insertion	Lower Bones Upper Bones	5 External Fixation Device
External Fixation Device, Monoplanar	Insertion	Lower Bones Upper Bones	5 External Fixation Device
External Fixation Device, Monoplanar	Reposition	Lower Bones Upper Bones	5 External Fixation Device
External Fixation Device, Ring	Insertion	Lower Bones Upper Bones	5 External Fixation Device
External Fixation Device, Ring	Reposition	Lower Bones Upper Bones	5 External Fixation Device
Hearing Device, Bone Conduction	Insertion	Ear, Nose, Sinus	S Hearing Device
Hearing Device, Multiple Channel Cochlear Prosthesis	Insertion	Ear, Nose, Sinus	S Hearing Device
Hearing Device, Single Channel Cochlear Prosthesis	Insertion	Ear, Nose, Sinus	S Hearing Device
Internal Fixation Device, Intramedullary	All applicable	Lower Bones Upper Bones	4 Internal Fixation Device

Specific Device	For Operation	In Body System	General Device
Internal Fixation Device, Rigid Plate	Insertion	Upper Bones	4 Internal Fixation Device
Internal Fixation Device, Rigid Plate	Reposition	Upper Bones	4 Internal Fixation Device
Intraluminal Device, Pessary	All applicable	Female Reproductive System	D Intraluminal Device
Intraluminal Device, Airway	All applicable	Ear, Nose, Sinus Gastrointestinal System Mouth and Throat	D Intraluminal Device
Intraluminal Device, Bioactive	All applicable	Upper Arteries	D Intraluminal Device
Intraluminal Device, Drug-eluting	All applicable	Heart and Great Vessels Lower Arteries Upper Arteries	D Intraluminal Device
Intraluminal Device, Endobronchial Valve	All applicable	Respiratory System	D Intraluminal Device
Intraluminal Device, Endotracheal Airway	All applicable	Respiratory System	D Intraluminal Device
Intraluminal Device, Radioactive	All applicable	Heart and Great Vessels	D Intraluminal Device
Monitoring Device, Hemodynamic	Insertion	Subcutaneous Tissue and Fascia	2 Monitoring Device
Monitoring Device, Pressure Sensor	Insertion	Heart and Great Vessels	2 Monitoring Device
Pacemaker, Dual Chamber	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Pacemaker, Single Chamber	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Pacemaker, Single Chamber Rate Responsive	Insertion	Subcutaneous Tissue and Fascia	P Cardiac Rhythm Related Device
Spinal Stabilization Device, Facet Replacement	Insertion	Lower Joints Upper Joints	4 Internal Fixation Device
Spinal Stabilization Device, Interspinous Process	Insertion	Lower Joints Upper Joints	4 Internal Fixation Device
Spinal Stabilization Device, Pedicle-Based	Insertion	Lower Joints Upper Joints	4 Internal Fixation Device
Stimulator Generator, Multiple Array	Insertion	Subcutaneous Tissue and Fascia	M Stimulator Generator
Stimulator Generator, Multiple Array Rechargeable	Insertion	Subcutaneous Tissue and Fascia	M Stimulator Generator
Stimulator Generator, Single Array	Insertion	Subcutaneous Tissue and Fascia	M Stimulator Generator
Stimulator Generator, Single Array Rechargeable	Insertion	Subcutaneous Tissue and Fascia	M Stimulator Generator
Synthetic Substitute, Ceramic	Replacement	Lower Joints	J Synthetic Substitute
Synthetic Substitute, Ceramic on Polyethylene	Replacement	Lower Joints	J Synthetic Substitute
Synthetic Substitute, Intraocular Telescope	Replacement	Eye	J Synthetic Substitute
Synthetic Substitute, Metal	Replacement	Lower Joints	J Synthetic Substitute
Synthetic Substitute, Metal on Polyethylene	Replacement	Lower Joints	J Synthetic Substitute
Synthetic Substitute, Polyethylene	Replacement	Lower Joints	J Synthetic Substitute
Synthetic Substitute, Reverse Ball and Socket	Replacement	Upper Joints	J Synthetic Substitute

