



# ICD-10-PCS

The complete official code set

Codes valid from October 1, 2021  
through September 30, 2022

**2022**

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# Introduction

ICD-10-PCS: The Complete Official Code Set is your definitive coding resource for procedure coding in acute inpatient hospitals. In addition to the official ICD-10-PCS Coding System Files, revised and distributed by the Centers for Medicare and Medicaid Services (CMS), Optum360's coding experts have incorporated Medicare-related coding edits and proprietary features, such as coding tools and appendixes, into a comprehensive and easy-to-use reference.

This manual provides the most current information that was available at the time of publication. For updates to official source documents that may have occurred after this manual was published, please refer to the following:

- **CMS International Classification of Disease, 10th Revision, Procedural Coding System (ICD-10-PCS):**  
<https://www.cms.gov/medicare/icd-10/2021-icd-10-pcs>
- **CMS Inpatient Prospective Payment System Proposed Rule, FY2021**  
<https://www.cms.gov/medicare/acute-inpatient-pps/fy-2021-ipp-proposed-rule-home-page>
- **CMS Inpatient Prospective Payment System Proposed Rule, FY 2021 - Proposed, version 38, MS-DRG grouper software, Definitions Manual files and Medicare Code Editor (MCE) files**  
<https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/MS-DRG-Classifications-and-Software>
- **American Hospital Association (AHA) Coding Clinics**  
<https://www.codingclinicadvisor.com/>

## ICD-10-PCS Code Structure

ICD-10-PCS has a seven-character alphanumeric code structure. Each character contains up to 34 possible values. Each value represents a specific option for the general character definition. The 10 digits 0–9 and the 24 letters A–H, J–N, and P–Z may be used in each character. The letters O and I are not used so as to avoid confusion with the digits 0 and 1. An ICD-10-PCS code is the result of a process rather than as a single fixed set of digits or alphabetic characters. The process consists of combining semi-independent values from among a selection of values, according to the rules governing the construction of codes.

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

A 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 also a function of its physical position in the code, the same letter or number placed in a different position in the code has a different meaning.

The seven characters that make up a complete code have specific meanings that vary for each of the 17 sections of the manual.

Procedures are then divided into sections that identify the general type of procedure (e.g., Medical and Surgical, Obstetrics, Imaging). The first

character of the procedure code always specifies the section. The second through seventh characters have the same meaning within each section, but may mean different things in other sections. In all sections, the third character specifies the general type of procedure performed (e.g., Resection, Transfusion, Fluoroscopy), while the other characters give additional information such as the body part and approach.

In ICD-10-PCS, the term *procedure* refers to the complete specification of the seven characters.

## Number of Codes in ICD-10-PCS

The table structure of ICD-10-PCS permits the specification of a large number of codes on a single page. At the time of this publication, there are 78,103 codes in the 2021 ICD-10-PCS.

## ICD-10-PCS Manual

### Index

Codes may be found in the index based on the general type of procedure (e.g., resection, transfusion, fluoroscopy), or a more commonly used term (e.g., appendectomy). For example, the code for percutaneous intraluminal dilation of the coronary arteries with an intraluminal device can be found in the Index under *Dilation*, or a synonym of *Dilation* (e.g., angioplasty). The Index then specifies the first three or four values of the code or directs the user to see another term.

Example:

**Dilation**  
Artery  
Coronary  
One Artery 0270

Based on the first three values of the code provided in the Index, the corresponding table can be located. In the example above, the first three values indicate table 027 is to be referenced for code completion.

The tables and characters are arranged first by number and then by letter for each character (tables for 00-, 01-, 02-, etc., are followed by those for 0B-, 0C-, 0D-, etc., followed by 0B1, 0B2, etc., followed by 0BB, 0BC, 0BD, etc.).

**Note:** The Tables section must be used to construct a complete and valid code by specifying the last three or four values.

### Tables

The tables in ICD-10-PCS provide the valid combination of character values needed to build a unique procedure code. Each table is preceded by the first three characters of the code, along with their descriptions. In the Medical and Surgical section, for example, the first three characters contain the name of the section (character 1), the body system (character 2), and the root operation performed (character 3).

Listed underneath the first three characters is a table comprising four columns and one or more rows. The four columns in the table specify the last four characters needed to complete the ICD-10-PCS code. Depending on the section, the labels for each column may be different. In the Medical and Surgical section, they are labeled body part (character 4), approach (character 5), device (character 6), and qualifier (character 7). Each row in the table specifies the valid combination of values for characters 4 through 7.

# ICD-10-PCS Official Guidelines for Coding and Reporting 2022

Narrative changes appear in **bold** text.

The Centers for Medicare and Medicaid Services (CMS) and the National Center for Health Statistics (NCHS), two departments within the U.S. Federal Government’s Department of Health and Human Services (DHHS) provide the following guidelines for coding and reporting using the International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS). These guidelines should be used as a companion document to the official version of the ICD-10-PCS as published on the CMS website. The ICD-10-PCS is a procedure classification published by the United States for classifying procedures performed in hospital inpatient health care settings.

These guidelines have been approved by the four organizations that make up the Cooperating Parties for the ICD-10-PCS: the American Hospital Association (AHA), the American Health Information Management Association (AHIMA), CMS, and NCHS.

These guidelines are a set of rules that have been developed to accompany and complement the official conventions and instructions provided within the ICD-10-PCS itself. They are intended to provide direction that is applicable in most circumstances. However, there may be unique circumstances where exceptions are applied. The instructions and conventions of the classification take precedence over guidelines. These guidelines are based on the coding and sequencing instructions in the Tables, Index and Definitions of ICD-10-PCS, but provide additional instruction. Adherence to these guidelines when assigning ICD-10-PCS procedure codes is required under the Health Insurance Portability and Accountability Act (HIPAA). The procedure codes have been adopted under HIPAA for hospital inpatient healthcare settings. A joint effort between the healthcare provider and the coder is essential to achieve complete and accurate documentation, code assignment, and reporting of diagnoses and procedures. These guidelines have been developed to assist both the healthcare provider and the coder in identifying those procedures that are to be reported. The importance of consistent, complete documentation in the medical record cannot be overemphasized. Without such documentation accurate coding cannot be achieved.

## Conventions

**A1.** ICD-10-PCS codes are composed of seven characters. Each character is an axis of classification that specifies information about the procedure performed. Within a defined code range, a character specifies the same type of information in that axis of classification.

*Example:*

The fifth axis of classification specifies the approach in sections 0 through 4 and 7 through 9 of the system.

**A2.** One of 34 possible values can be assigned to each axis of classification in the seven-character code: they are the numbers 0 through 9 and the alphabet (except I and O because they are easily confused with the numbers 1 and 0). The number of unique values used in an axis of classification differs as needed.

*Example:*

Where the fifth axis of classification specifies the approach, seven different approach values are currently used to specify the approach.

**A3.** The valid values for an axis of classification can be added to as needed.

*Example:*

If a significantly distinct type of device is used in a new procedure, a new device value can be added to the system.

**A4.** As with words in their context, the meaning of any single value is a combination of its axis of classification and any preceding values on which it may be dependent.

*Example:*

The meaning of a body part value in the Medical and Surgical section is always dependent on the body system value. The body part value 0 in the Central Nervous body system specifies Brain and the body part value 0 in the Peripheral Nervous body system specifies Cervical Plexus.

**A5.** As the system is expanded to become increasingly detailed, over time more values will depend on preceding values for their meaning.

*Example:*

In the Lower Joints body system, the device value 3 in the root operation Insertion specifies Infusion Device and the device value 3 in the root operation Replacement specifies Ceramic Synthetic Substitute.

**A6.** The purpose of the alphabetic index is to locate the appropriate table that contains all information necessary to construct a procedure code. The PCS Tables should always be consulted to find the most appropriate valid code.

**A7.** It is not required to consult the index first before proceeding to the tables to complete the code. A valid code may be chosen directly from the tables.

**A8.** All seven characters must be specified to be a valid code. If the documentation is incomplete for coding purposes, the physician should be queried for the necessary information.

**A9.** Within a PCS table, valid codes include all combinations of choices in characters 4 through 7 contained in the same row of the table. In the example below, 0JHT3VZ is a valid code, and 0JHW3VZ is *not* a valid code.

<b>Section:</b>	<b>0</b>	<b>Medical and Surgical</b>
<b>Body System:</b>	<b>J</b>	<b>Subcutaneous Tissue and Fascia</b>
<b>Operation:</b>	<b>H</b>	<b>Insertion</b> 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	Approach	Device	Qualifier
<b>S</b> Subcutaneous Tissue and Fascia, Head and Neck	<b>0</b> Open	<b>1</b> Radioactive Element	<b>Z</b> No Qualifier
<b>V</b> Subcutaneous Tissue and Fascia, Upper Extremity	<b>3</b> Percutaneous	<b>3</b> Infusion Device	
<b>W</b> Subcutaneous Tissue and Fascia, Lower Extremity		<b>Y</b> Other Device	
<b>T</b> Subcutaneous Tissue and Fascia, Trunk	<b>0</b> Open	<b>1</b> Radioactive Element	<b>Z</b> No Qualifier
	<b>3</b> Percutaneous	<b>3</b> Infusion Device	
		<b>V</b> Infusion Pump	
		<b>Y</b> Other Device	

# ICD-10-PCS Tables

## Central Nervous System and Cranial Nerves 001–00X

### Character Meanings

This Character Meaning table is provided as a guide to assist the user in the identification of character members that may be found in this section of code tables. It **SHOULD NOT** be used to build a PCS code.

Operation–Character 3	Body Part–Character 4	Approach–Character 5	Device–Character 6	Qualifier–Character 7
1 Bypass	0 Brain	0 Open	0 Drainage Device	0 Nasopharynx
2 Change	1 Cerebral Meninges	3 Percutaneous	1 Radioactive Element	1 Mastoid Sinus
5 Destruction	2 Dura Mater	4 Percutaneous Endoscopic	2 Monitoring Device	2 Atrium
7 Dilatation	3 Epidural Space, Intracranial	X External	3 Infusion Device	3 Blood Vessel
8 Division	4 Subdural Space, Intracranial		4 Radioactive Element, Cesium-131 Collagen Implant	4 Pleural Cavity
9 Drainage	5 Subarachnoid Space, Intracranial		7 Autologous Tissue Substitute	5 Intestine
B Excision	6 Cerebral Ventricle		J Synthetic Substitute	6 Peritoneal Cavity
C Extirpation	7 Cerebral Hemisphere		K Nonautologous Tissue Substitute	7 Urinary Tract
D Extraction	8 Basal Ganglia		M Neurostimulator Lead	8 Bone Marrow
F Fragmentation	9 Thalamus		Y Other Device	9 Fallopian Tube
H Insertion	A Hypothalamus		Z No Device	A Subgaleal Space
J Inspection	B Pons			B Cerebral Cisterns
K Map	C Cerebellum			F Olfactory Nerve
N Release	D Medulla Oblongata			G Optic Nerve
P Removal	E Cranial Nerve			H Oculomotor Nerve
Q Repair	F Olfactory Nerve			J Trochlear Nerve
R Replacement	G Optic Nerve			K Trigeminal Nerve
S Reposition	H Oculomotor Nerve			L Abducens Nerve
T Resection	J Trochlear Nerve			M Facial Nerve
U Supplement	K Trigeminal Nerve			N Acoustic Nerve
W Revision	L Abducens Nerve			P Glossopharyngeal Nerve
X Transfer	M Facial Nerve			Q Vagus Nerve
	N Acoustic Nerve			R Accessory Nerve
	P Glossopharyngeal Nerve			S Hypoglossal Nerve
	Q Vagus Nerve			X Diagnostic
	R Accessory Nerve			Z No Qualifier
	S Hypoglossal Nerve			
	T Spinal Meninges			
	U Spinal Canal			
	V Spinal Cord			
	W Cervical Spinal Cord			
	X Thoracic Spinal Cord			
	Y Lumbar Spinal Cord			

0 Medical and Surgical

4 Lower Arteries

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

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7	
<p>0 Abdominal Aorta</p> <p>Inferior phrenic artery</p> <p>Lumbar artery</p> <p>Median sacral artery</p> <p>Middle suprarenal artery</p> <p>Ovarian artery</p> <p>Testicular artery</p>	<p>0 Open</p> <p>3 Percutaneous</p> <p>4 Percutaneous Endoscopic</p>	<p>C Extraluminal Device</p> <p>E Intraluminal Device, Branched or Fenestrated, One or Two Arteries</p> <p>F Intraluminal Device, Branched or Fenestrated, Three or More Arteries</p> <p>Z No Device</p>	<p>Z No Qualifier</p>	
<p>0 Abdominal Aorta</p> <p>Inferior phrenic artery</p> <p>Lumbar artery</p> <p>Median sacral artery</p> <p>Middle suprarenal artery</p> <p>Ovarian artery</p> <p>Testicular artery</p>	<p>0 Open</p> <p>3 Percutaneous</p> <p>4 Percutaneous Endoscopic</p>	<p>D Intraluminal Device</p>	<p>J Temporary</p> <p>Z No Qualifier</p>	
<p>1 Celiac Artery</p> <p>Celiac trunk</p> <p>2 Gastric Artery</p> <p>Left gastric artery</p> <p>Right gastric artery</p> <p>3 Hepatic Artery</p> <p>Common hepatic artery</p> <p>Gastrooduodenal artery</p> <p>Hepatic artery proper</p> <p>4 Splenic Artery</p> <p>Left gastroepiploic artery</p> <p>Pancreatic artery</p> <p>Short gastric artery</p> <p>5 Superior Mesenteric Artery</p> <p>Ileal artery</p> <p>Ileocolic artery</p> <p>Inferior pancreaticoduodenal artery</p> <p>Jejunal artery</p> <p>6 Colic Artery, Right</p> <p>7 Colic Artery, Left</p> <p>8 Colic Artery, Middle</p> <p>9 Renal Artery, Right</p> <p>Inferior suprarenal artery</p> <p>Renal segmental artery</p> <p>A Renal Artery, Left</p> <p>See 9 Renal Artery, Right</p> <p>B Inferior Mesenteric Artery</p> <p>Sigmoid artery</p> <p>Superior rectal artery</p> <p>E Internal Iliac Artery, Right</p> <p>Deferential artery</p> <p>Hypogastric artery</p> <p>Iliolumbar artery</p> <p>Inferior gluteal artery</p> <p>Inferior vesical artery</p> <p>Internal pudendal artery</p> <p>Lateral sacral artery</p> <p>Middle rectal artery</p> <p>Obturator artery</p> <p>Superior gluteal artery</p> <p>Umbilical artery</p> <p>Uterine artery</p> <p>Vaginal artery</p> <p>F Internal Iliac Artery, Left</p> <p>See E Internal Iliac Artery, Right</p>	<p>H External Iliac Artery, Right</p> <p>Deep circumflex iliac artery</p> <p>Inferior epigastric artery</p> <p>J External Iliac Artery, Left</p> <p>See H External Iliac Artery, Right</p> <p>K Femoral Artery, Right</p> <p>Circumflex iliac artery</p> <p>Deep femoral artery</p> <p>Descending genicular artery</p> <p>External pudendal artery</p> <p>Superficial epigastric artery</p> <p>L Femoral Artery, Left</p> <p>See K Femoral Artery, Right</p> <p>M Popliteal Artery, Right</p> <p>Inferior genicular artery</p> <p>Middle genicular artery</p> <p>Superior genicular artery</p> <p>Sural artery</p> <p>Tibioperoneal trunk</p> <p>N Popliteal Artery, Left</p> <p>See M Popliteal Artery, Right</p> <p>P Anterior Tibial Artery, Right</p> <p>Anterior lateral malleolar artery</p> <p>Anterior medial malleolar artery</p> <p>Anterior tibial recurrent artery</p> <p>Dorsalis pedis artery</p> <p>Posterior tibial recurrent artery</p> <p>Q Anterior Tibial Artery, Left</p> <p>See P Anterior Tibial Artery, Right</p> <p>R Posterior Tibial Artery, Right</p> <p>S Posterior Tibial Artery, Left</p> <p>T Peroneal Artery, Right</p> <p>Fibular artery</p> <p>U Peroneal Artery, Left</p> <p>See T Peroneal Artery, Right</p> <p>V Foot Artery, Right</p> <p>Arcuate artery</p> <p>Dorsal metatarsal artery</p> <p>Lateral plantar artery</p> <p>Lateral tarsal artery</p> <p>Medial plantar artery</p> <p>W Foot Artery, Left</p> <p>See V Foot Artery, Right</p> <p>Y Lower Artery</p> <p>Umbilical artery</p>	<p>0 Open</p> <p>3 Percutaneous</p> <p>4 Percutaneous Endoscopic</p>	<p>C Extraluminal Device</p> <p>D Intraluminal Device</p> <p>Z No Device</p>	<p>Z No Qualifier</p>
<p>C Common Iliac Artery, Right</p> <p>D Common Iliac Artery, Left</p>	<p>0 Open</p> <p>3 Percutaneous</p> <p>4 Percutaneous Endoscopic</p>	<p>C Extraluminal Device</p> <p>D Intraluminal Device</p> <p>E Intraluminal Device, Branched or Fenestrated, One or Two Arteries</p> <p>Z No Device</p>	<p>Z No Qualifier</p>	

# Upper Veins 051–05W

## Character Meanings

This Character Meaning table is provided as a guide to assist the user in the identification of character members that may be found in this section of code tables. It **SHOULD NOT** be used to build a PCS code.

Operation–Character 3	Body Part–Character 4	Approach–Character 5	Device–Character 6	Qualifier–Character 7
1 Bypass	0 Azygos Vein	0 Open	0 Drainage Device	0 Ultrasonic
5 Destruction	1 Hemiazygos Vein	3 Percutaneous	2 Monitoring Device	1 Drug-Coated Balloon
7 Dilatation	3 Innominate Vein, Right	4 Percutaneous Endoscopic	3 Infusion Device	X Diagnostic
9 Drainage	4 Innominate Vein, Left	X External	7 Autologous Tissue Substitute	Y Upper Vein
B Excision	5 Subclavian Vein, Right		9 Autologous Venous Tissue	Z No Qualifier
C Extirpation	6 Subclavian Vein, Left		A Autologous Arterial Tissue	
D Extraction	7 Axillary Vein, Right		C Extraluminal Device	
F Fragmentation	8 Axillary Vein, Left		D Intraluminal Device	
H Insertion	9 Brachial Vein, Right		J Synthetic Substitute	
J Inspection	A Brachial Vein, Left		K Nonautologous Tissue Substitute	
L Occlusion	B Basilic Vein, Right		M Neurostimulator Lead	
N Release	C Basilic Vein, Left		Y Other Device	
P Removal	D Cephalic Vein, Right		Z No Device	
Q Repair	F Cephalic Vein, Left			
R Replacement	G Hand Vein, Right			
S Reposition	H Hand Vein, Left			
U Supplement	L Intracranial Vein			
V Restriction	M Internal Jugular Vein, Right			
W Revision	N Internal Jugular Vein, Left			
	P External Jugular Vein, Right			
	Q External Jugular Vein, Left			
	R Vertebral Vein, Right			
	S Vertebral Vein, Left			
	T Face Vein, Right			
	V Face Vein, Left			
	Y Upper Vein			

### AHA Coding Clinic for table 051

2020, 1Q, 28 Free flap microvascular breast reconstruction  
2017, 3Q, 15 Bypass of innominate vein to atrial appendage

### AHA Coding Clinic for table 059

2018, 3Q, 7 Catheter placement for treatment of congestive heart failure

### AHA Coding Clinic for table 05B

2020, 1Q, 24 Resection of vascular malformation, likely cavernoma  
2016, 2Q, 12 Resection of malignant neoplasm of infratemporal fossa

### AHA Coding Clinic for table 05H

2016, 4Q, 97-98 Phrenic neurostimulator

### AHA Coding Clinic for table 05P

2016, 4Q, 97-98 Phrenic neurostimulator

### AHA Coding Clinic for table 05Q

2017, 3Q, 15 Bypass of innominate vein to atrial appendage

### AHA Coding Clinic for table 05S

2013, 4Q, 125 Stage II cephalic vein transposition (superficialization) of arteriovenous fistula

### AHA Coding Clinic for table 05W

2016, 4Q, 97-98 Phrenic neurostimulator

# Respiratory System 0B1–0BY

## Character Meanings

This Character Meaning table is provided as a guide to assist the user in the identification of character members that may be found in this section of code tables. It **SHOULD NOT** be used to build a PCS code.

Operation–Character 3	Body Part–Character 4	Approach–Character 5	Device–Character 6	Qualifier–Character 7
1 Bypass	0 Tracheobronchial Tree	0 Open	0 Drainage Device	0 Allogeneic
2 Change	1 Trachea	3 Percutaneous	1 Radioactive Element	1 Syngeneic
5 Destruction	2 Carina	4 Percutaneous Endoscopic	2 Monitoring Device	2 Zooplasmic
7 Dilation	3 Main Bronchus, Right	7 Via Natural or Artificial Opening	3 Infusion Device	4 Cutaneous
9 Drainage	4 Upper Lobe Bronchus, Right	8 Via Natural or Artificial Opening Endoscopic	7 Autologous Tissue Substitute	6 Esophagus
B Excision	5 Middle Lobe Bronchus, Right	X External	C Extraluminal Device	X Diagnostic
C Extirpation	6 Lower Lobe Bronchus, Right		D Intraluminal Device	Z No Qualifier
D Extraction	7 Main Bronchus, Left		E Intraluminal Device, Endotracheal Airway	
F Fragmentation	8 Upper Lobe Bronchus, Left		F Tracheostomy Device	
H Insertion	9 Lingula Bronchus		G Intraluminal Device, Endobronchial Valve	
J Inspection	B Lower Lobe Bronchus, Left		J Synthetic Substitute	
L Occlusion	C Upper Lung Lobe, Right		K Nonautologous Tissue Substitute	
M Reattachment	D Middle Lung Lobe, Right		M Diaphragmatic Pacemaker Lead	
N Release	F Lower Lung Lobe, Right		Y Other Device	
P Removal	G Upper Lung Lobe, Left		Z No Device	
Q Repair	H Lung Lingula			
R Replacement	J Lower Lung Lobe, Left			
S Reposition	K Lung, Right			
T Resection	L Lung, Left			
U Supplement	M Lungs, Bilateral			
V Restriction	N Pleura, Right			
W Revision	P Pleura, Left			
Y Transplantation	Q Pleura			
	T Diaphragm			

### AHA Coding Clinic for table 0B5

2016, 2Q, 17 Photodynamic therapy for treatment of malignant mesothelioma  
2015, 2Q, 31 Thoracoscopic talc pleurodesis

### AHA Coding Clinic for table 0B9

2017, 3Q, 15 Bronchoscopy with suctioning for removal of retained secretions  
2017, 1Q, 51 Bronchoalveolar lavage  
2016, 1Q, 26 Bronchoalveolar lavage, endobronchial biopsy and transbronchial biopsy  
2016, 1Q, 27 Fiberoptic bronchoscopy with brushings and bronchoalveolar lavage

### AHA Coding Clinic for table 0BB

2016, 1Q, 26 Bronchoalveolar lavage, endobronchial biopsy and transbronchial biopsy  
2016, 1Q, 27 Fiberoptic bronchoscopy with brushings and bronchoalveolar lavage  
2014, 1Q, 20 Fiducial marker placement

### AHA Coding Clinic for table 0BC

2017, 3Q, 14 Bronchoscopy with suctioning and washings for removal of mucus plug

### AHA Coding Clinic for table 0BD

2018, 3Q, 28 Lung decortication for empyema

### AHA Coding Clinic for table 0BY

2019, 3Q, 33 Insertion of endobronchial valve  
2014, 4Q, 3-10 Mechanical ventilation

### AHA Coding Clinic for table 0BJ

2015, 2Q, 31 Thoracoscopic talc pleurodesis  
2014, 1Q, 20 Fiducial marker placement

### AHA Coding Clinic for table 0BL

2019, 3Q, 33 Insertion of endobronchial valve

### AHA Coding Clinic for table 0BN

2019, 2Q, 20 Pericardiectomy for constrictive pericarditis  
2018, 3Q, 28 Lung decortication  
2018, 3Q, 28 Lung decortication for empyema  
2015, 3Q, 15 Vascular ring surgery with release of esophagus and trachea

### AHA Coding Clinic for table 0BQ

2016, 2Q, 22 Esophageal lengthening Collis gastroplasty with Nissen fundoplication and hiatal hernia  
2014, 3Q, 28 Laparoscopic Nissen fundoplication and diaphragmatic hernia repair

### AHA Coding Clinic for table 0BU

2015, 1Q, 28 Repair of bronchopleural fistula using omental pedicle graft



# Muscles ØK2–ØKX

## Character Meanings

This Character Meaning table is provided as a guide to assist the user in the identification of character members that may be found in this section of code tables. It **SHOULD NOT** be used to build a PCS code.

Operation–Character 3	Body Part–Character 4	Approach–Character 5	Device–Character 6	Qualifier–Character 7
2 Change	Ø Head Muscle	Ø Open	Ø Drainage Device	Ø Skin
5 Destruction	1 Facial Muscle	3 Percutaneous	7 Autologous Tissue Substitute	1 Subcutaneous Tissue
8 Division	2 Neck Muscle, Right	4 Percutaneous Endoscopic	J Synthetic Substitute	2 Skin and Subcutaneous Tissue
9 Drainage	3 Neck Muscle, Left	X External	K Nonautologous Tissue Substitute	5 Latissimus Dorsi Myocutaneous Flap
B Excision	4 Tongue, Palate, Pharynx Muscle		M Stimulator Lead	6 Transverse Rectus Abdominis Myocutaneous Flap
C Extirpation	5 Shoulder Muscle, Right		Y Other Device	7 Deep Inferior Epigastric Artery Perforator Flap
D Extraction	6 Shoulder Muscle, Left		Z No Device	8 Superficial Inferior Epigastric Artery Flap
H Insertion	7 Upper Arm Muscle, Right			9 Gluteal Artery Perforator Flap
J Inspection	8 Upper Arm Muscle, Left			X Diagnostic
M Reattachment	9 Lower Arm and Wrist Muscle, Right			Z No Qualifier
N Release	B Lower Arm and Wrist Muscle, Left			
P Removal	C Hand Muscle, Right			
Q Repair	D Hand Muscle, Left			
R Replacement	F Trunk Muscle, Right			
S Reposition	G Trunk Muscle, Left			
T Resection	H Thorax Muscle, Right			
U Supplement	J Thorax Muscle, Left			
W Revision	K Abdomen Muscle, Right			
X Transfer	L Abdomen Muscle, Left			
	M Perineum Muscle			
	N Hip Muscle, Right			
	P Hip Muscle, Left			
	Q Upper Leg Muscle, Right			
	R Upper Leg Muscle, Left			
	S Lower Leg Muscle, Right			
	T Lower Leg Muscle, Left			
	V Foot Muscle, Right			
	W Foot Muscle, Left			
	X Upper Muscle			
	Y Lower Muscle			

### AHA Coding Clinic for table ØK8

2020, 2Q, 25 Endoscopic Stapling of Zenker's Diverticulum

### AHA Coding Clinic for table ØKB

2020, 1Q, 27 Delayed reconstruction following mastectomy using gracilis musculocutaneous free flap

2016, 3Q, 20 Excisional debridement of sacrum

2015, 3Q, 3-8 Excisional and nonexcisional debridement

### AHA Coding Clinic for table ØKD

2017, 4Q, 41-42 Extraction procedures

### AHA Coding Clinic for table ØKN

2017, 2Q, 12 Compartment syndrome and fasciotomy of foot

2017, 2Q, 13 Compartment syndrome and fasciotomy of leg

2015, 2Q, 22 Arthroscopic subacromial decompression

2014, 4Q, 39 Abdominal component release with placement of mesh for hernia repair

### AHA Coding Clinic for table ØKQ

2018, 2Q, 25 Third and fourth degree obstetric lacerations

2016, 2Q, 34 Assisted vaginal delivery

2016, 1Q, 7 Obstetrical perineal laceration repair

2014, 4Q, 43 Second degree obstetric perineal laceration

2013, 4Q, 120 Repair of second degree perineum obstetric laceration

### AHA Coding Clinic for table ØKS

2017, 1Q, 41 Manual reduction of hernia

### AHA Coding Clinic for table ØKT

2016, 2Q, 12 Resection of malignant neoplasm of infratemporal fossa

2015, 1Q, 38 Abdominoperineal resection with flap closure of the perineum and colostomy

### AHA Coding Clinic for table ØKX

2018, 2Q, 18 Transverse rectus abdominis myocutaneous (TRAM) delay

2017, 4Q, 67 New qualifier values - Pedicle flap procedures

2016, 3Q, 30 Resection of femur with interposition arthroplasty

2015, 3Q, 33 Cleft lip repair using Millard rotation advancement

2015, 2Q, 26 Pharyngeal flap to soft palate

2014, 4Q, 41 Abdominoperineal resection (APR) with flap closure of perineum and colostomy

2014, 2Q, 10 Transverse abdominomyocutaneous (TRAM) breast reconstruction  
2014, 2Q, 12 Pedicle latissimus myocutaneous flap with placement of breast tissue expanders

# Anatomical Regions, General 0W0-0WY

## Character Meanings

This Character Meaning table is provided as a guide to assist the user in the identification of character members that may be found in this section of code tables. It **SHOULD NOT** be used to build a PCS code.

Operation-Character 3	Body Region-Character 4	Approach-Character 5	Device-Character 6	Qualifier-Character 7
0 Alteration	0 Head	0 Open	0 Drainage Device	0 Vagina OR Allogeneic
1 Bypass	1 Cranial Cavity	3 Percutaneous	1 Radioactive Element	1 Penis OR Syngeneic
2 Change	2 Face	4 Percutaneous Endoscopic	3 Infusion Device	2 Stoma
3 Control	3 Oral Cavity and Throat	7 Via Natural or Artificial Opening	7 Autologous Tissue Substitute	4 Cutaneous
4 Creation	4 Upper Jaw	8 Via Natural or Artificial Opening Endoscopic	J Synthetic Substitute	6 Bladder
8 Division	5 Lower Jaw	X External	K Nonautologous Tissue Substitute	9 Pleural Cavity, Right
9 Drainage	6 Neck		Y Other Device	B Pleural Cavity, Left
B Excision	8 Chest Wall		Z No Device	G Peritoneal Cavity
C Extirpation	9 Pleural Cavity, Right			J Pelvic Cavity
F Fragmentation	B Pleural Cavity, Left			W Upper Vein
H Insertion	C Mediastinum			X Diagnostic
J Inspection	D Pericardial Cavity			Y Lower Vein
M Reattachment	F Abdominal Wall			Z No Qualifier
P Removal	G Peritoneal Cavity			
Q Repair	H Retroperitoneum			
U Supplement	J Pelvic Cavity			
W Revision	K Upper Back			
Y Transplantation	L Lower Back			
	M Perineum, Male			
	N Perineum, Female			
	P Gastrointestinal Tract			
	Q Respiratory Tract			
	R Genitourinary Tract			

**AHA Coding Clinic for table 0W0**

2015, 1Q, 31 Bilateral browpexy

**AHA Coding Clinic for table 0W1**

2018, 4Q, 41-42 Anatomical regions bypass qualifiers  
 2015, 2Q, 36 Insertion of infusion device into peritoneal cavity  
 2013, 4Q, 126-127 Creation of percutaneous cutaneoperitoneal fistula

**AHA Coding Clinic for table 0W3**

2019, 3Q, 4 Evacuation of subdural hematoma and control of bleeding artery  
 2018, 4Q, 38 Control of epistaxis  
 2018, 1Q, 19 Argon plasma coagulation of duodenal arteriovenous malformation  
 2018, 1Q, 19 Control of epistaxis via silver nitrate cauterization  
 2017, 4Q, 57-58 Added approach values - Transorifice esophageal vein banding  
 2017, 4Q, 105 Control of gastrointestinal bleeding  
 2017, 4Q, 106 Control of bleeding of external naris using suture  
 2017, 4Q, 106 Nasal packing for epistaxis  
 2016, 4Q, 99-100 Root operation Control  
 2014, 4Q, 44 Bakri balloon for control of postpartum hemorrhage  
 2013, 3Q, 23 Control of intraoperative bleeding

**AHA Coding Clinic for table 0W4**

2019, 4Q, 30 Transfer large intestine to vagina  
 2016, 4Q, 101 Root operation Creation

**AHA Coding Clinic for table 0W9**

2017, 3Q, 12 Therapeutic and diagnostic paracentesis  
 2017, 2Q, 16 Incision and drainage of floor of mouth

**AHA Coding Clinic for table 0WB**

2019, 1Q, 27 Excision of pelvic sidewall mass  
 2017, 2Q, 16 Excision of floor of mouth  
 2016, 1Q, 21 Excision of urachal mass  
 2013, 4Q, 119 Excision of inclusion cyst of perineum

**AHA Coding Clinic for table 0WC**

2019, 4Q, 35 Extirpation of jaw  
 2018, 2Q, 16 Excision of floor of mouth

**AHA Coding Clinic for table 0WH**

2019, 4Q, 43 Unidirectional source brachytherapy  
 2018, 1Q, 25 Intrauterine brachytherapy & placement of tandems & ovoids  
 2017, 4Q, 104 Intrauterine brachytherapy & placement of tandems & ovoids  
 2016, 2Q, 14 Insertion of peritoneal totally implantable venous access device  
 2015, 2Q, 36 Insertion of infusion device into peritoneal cavity

**AHA Coding Clinic for table 0WJ**

2019, 1Q, 3-8 Whipple procedure  
 2019, 1Q, 25 Laparoscopic appendectomy converted to open procedure  
 2018, 3Q, 29 Decommissioning of left ventricular assist device with exploration of mediastinum  
 2016, 4Q, 58 Longitudinal vaginal septum  
 2013, 2Q, 36 Insertion of ventriculoperitoneal shunt with laparoscopic assistance

**AHA Coding Clinic for table 0WQ**

2017, 4Q, 106 Control of bleeding of external naris using suture  
 2017, 3Q, 8 Removal of silo and closure of gastroschisis  
 2016, 3Q, 3-7 Stoma creation & takedown procedures  
 2014, 4Q, 38 Abdominoplasty and abdominal wall plication for hernia repair  
 2014, 3Q, 28 Ileostomy takedown and parastomal hernia repair

**AHA Coding Clinic for table 0WU**

2017, 3Q, 8 First stage of gastroschisis repair with silo placement  
 2016, 3Q, 40 Omentoplasty  
 2015, 2Q, 29 Placement of loban™ antimicrobial drape over surgical wound  
 2014, 4Q, 39 Abdominal component release with placement of mesh for hernia repair  
 2012, 4Q, 101 Rib resection with reconstruction of anterior chest wall

**AHA Coding Clinic for table 0WW**

2015, 2Q, 9 Revision of ventriculoperitoneal (VP) shunt

**AHA Coding Clinic for table 0WY**

2016, 4Q, 112-113 Transplantation