# HealthCatalyst

#### Insight into the 2024 ICD-10 PCS Updates

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# Agenda

- ICD-10-PCS
  - Code Additions
  - Code Deletions
  - Code Revisions
- ICD-10-PCS Guideline Changes



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#### **PCS Code Changes Summary**

	Ch	ange Summary	Table				
2023 Total	New Codes	Revised Titles	Deleted Codes	2024 Total			
78,530	78	14	5	78,603			
ICD-10-PCS Code FY 2024 Totals, By Section							
Medical and					68,058		
Obstetrics					304		
Placement					861		
Administrati	on				1,271		
Measurement and Monitoring							
Extracorporeal or Systemic Assistance and Performance							
Extracorporeal or Systemic Therapies							
Osteopathic 1							
Other Proce	dures				88		
Chiropractic					90		
Imaging					2,978		
Nuclear Med	dicine				463		
Radiation Therapy							
Physical Rehabilitation and Diagnostic Audiology							
Mental Health							
Substance Abuse Treatment							
New Technology							
Total					78,603		





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#### ICD-10-PCS Additions, Deletions, and Revisions Aortix<sup>™</sup> System from Procyrion

A

B

A portion of the native flow enters the pump at the inlet

The flow is accelerated in the pump and exits the device in high velocity jets directed downstream

The high velocity jets entrain the native flow, transferring momentum and energy to it

The result is a net increase in overall velocity and aortic flow

**02H- Medical and Surgical/Heart and Great Vessels/Insertion** 

02HW3RZ Insertion of Short-term External Heart Assist System into Thoracic Aorta, Descending, Percutaneous Approach

-								
Section	0	Medio	Medical and Surgical					
Body System	2	Heart	and Great Vessels					
Operation	н		nsertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a hysiological function but does not physically take the place of a body part					
Body Part			Approach	Device	Qualifier			
W Thoracic Aorta, Descending			3 Percutaneous	0 Monitoring Device, Pressure Sensor 2 Monitoring Device 3 Infusion Device D Intraluminal Device R Short-term External Heart Assist System Y Other Device	Z No Qualifier			

Code Assistance separately using code 5A0221D, Assistance with Cardiac Output Using Impeller Pump, Continuous

**02P- Medical and Surgical/Heart and Great Vessels/Removal** 

02PW3RZ Removal of Short-term External Heart Assist System from Thoracic Aorta, Descending, Percutaneous Approach

Section	0	Medi	Medical and Surgical				
Body System	2	Hear	Heart and Great Vessels				
Operation	Ρ	Remo	oval: Taking out or off a device	from a body part			
Body Part			Approach	Device	Qualifier		
W Thoracic Aorta, Descending			3 Percutaneous	R Short-term External Heart Assist System	Z No Qualifier		

02W- Medical and Surgical/Heart and Great Vessels/Revision

02WW3RZ Revision of Short-term External Heart Assist System in Thoracic Aorta, Descending, Percutaneous Approach

Section	0	Medio	Medical and Surgical					
Body System	2	Heart	Heart and Great Vessels					
Operation	w		Revision: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a displaced device					
Body Part			Approach	Device	Qualifier			
W Thoracic Aorta, Descending			3 Percutaneous	R Short-term External Heart Assist System	Z No Qualifier			

**OCS-** Medical and Surgical/ Mouth and Throat/Reposition

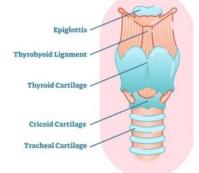
OCSSOZZ Reposition Larynx, Open Approach

OCSS7ZZ Reposition Larynx, Via Natural or Artificial Opening

OCSS7ZZ Reposition Larynx, Via Natural or Artificial Opening

OCSS8ZZ Reposition Larynx, Via Natural or Artificial Opening Endoscopic

Section	0	Medio	Medical and Surgical				
Body System	С	Mouth	and Throat				
Operation	S	Repo	Reposition: Moving to its normal location, or other suitable location, all or a portion of a body part				
Body Part			Approach	Device	Qualifier		
R Epiglottis S Larynx T Vocal Cord, Right V Vocal Cord, Left			0 Open 7 Via Natural or Artificial Opening 8 Via Natural or Artificial Opening Endoscopic	Z No Device	Z No Qualifier		



#### **ODH-** Medical and Surgical/Gastrointestinal System/Insertion

0DH17JZ Insertion of Magnetic Lengthening Device into Upper Esophagus, Via Natural or Artificial Opening

0DH27JZ Insertion of Magnetic Lengthening Device into Middle Esophagus, Via Natural or Artificial Opening

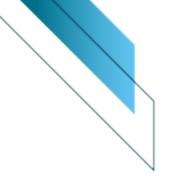
0DH37JZ Insertion of Magnetic Lengthening Device into Lower Esophagus, Via Natural or Artificial Opening

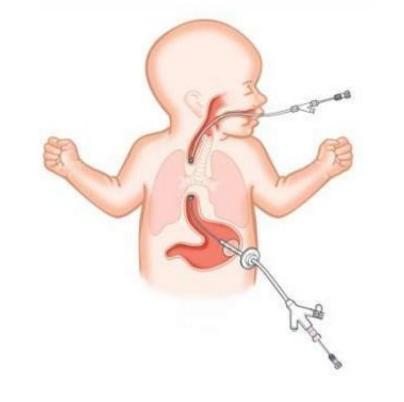
• Flourish<sup>®</sup> Pediatric Esophageal Atresia Device by Cook Medical

Section	0	Medio	Medical and Surgical				
Body System	D	Gastr	Gastrointestinal System				
Operation	н		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			Approach	Device	Qualifier		
1 Esophagus, Upper 2 Esophagus, Middle 3 Esophagus, Lower			7 Via Natural or Artificial Opening	J Magnetic Lengthening Device	Z No Qualifier		



#### **ICD-10-PCS Additions, Deletions, and Revisions** 0DH- Medical and Surgical/Gastrointestinal System/Insertion





Rare earth magnets are inserted into the upper and lower ends of the infant's esophagus.

The magnets gradually stretch both ends of the esophagus over the course of several days.

The tissue connects to form an intact esophagus.

#### ICD-10-PCS Additions, Deletions, and Revisions OWH- Medical and Surgical/General Anatomical Regions/Insertion

0WHC0GZ Insertion of Defibrillator Lead into Mediastinum, Open Approach

0WHC3GZ Insertion of Defibrillator Lead into Mediastinum, Percutaneous Approach

OWHC4GZ Insertion of Defibrillator Lead into Mediastinum, Percutaneous Endoscopic Approach

Section	0	Medio	Medical and Surgical				
Body System	w	Anato	mical Regions, General				
Operation	н		nsertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a hysiological function but does not physically take the place of a body part				
Body Part			Approach	Device	Qualifier		
C Mediastinum				1 Radioactive Element 3 Infusion Device G Defibrillator Lead Y Other Device	Z No Qualifier		

- Insertion of the generator is coded separately as 0JH608Z
- Extravascular Implantable Defibrillator Lead (EV-ICD)

**Extravascular Implantable Defibrillator Lead (EV-ICD)** 



Transvenous Defibrillator	Subcutaneous Defibrillator	Extravascular Defibrillator
Not available when veins are unsuitable (occluded)	Available when veins are unsuitable	Available when veins are unsuitable
Vascular access is susceptible to complications (infection)	Avoids complications with transvenous leads	Avoids complications with transvenous leads
Provides pacing and shock therapies	Shocks, but does not provide antitachycardia pacing	Shocks and performs antitachycardia pacing

#### **OWP- Medical and Surgical/General Anatomical Regions/Removal**

OWPCOGZ Removal of Defibrillator Lead from Mediastinum, Open Approach
OWPC3GZ Removal of Defibrillator Lead from Mediastinum, Percutaneous Approach
OWPC4GZ Removal of Defibrillator Lead from Mediastinum, Percutaneous Endoscopic Approach
OWPCXGZ Removal of Defibrillator Lead from Mediastinum, External Approach

Section	0	Medical and Surgical						
Body System	w		Anatomical Regions, General					
Operation	<u>P</u>	Remo	oval: Taking out or off a device	from a body part				
Body Part			Approach	Device	Qualifier			
C Mediastinum			0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	0 Drainage Device 1 Radioactive Element 3 Infusion Device 7 Autologous Tissue Substitute G Defibrillator Lead J Synthetic Substitute K Nonautologous Tissue Substitute Y Other Device	<b>Z</b> No Qualifier			

**OWW- Medical and Surgical/General Anatomical Regions/Revision** 

OWWCOGZ Revision of Defibrillator Lead in Mediastinum, Open Approach

0WWC3GZ Revision of Defibrillator Lead in Mediastinum, Percutaneous Approach

0WWC4GZ Revision of Defibrillator Lead in Mediastinum, Percutaneous Endoscopic Approach

OWWCXGZ Revision of Defibrillator	Lead in Mediastinum,	External Approach
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Section	0 Med	Medical and Surgical					
Body System	W Anat	tomical Regions, General					
Operation		Revision: Correcting, to the extent possible, a portion of a malfunctioning device or the position f a displaced device					
Body Part		Approach	Device	Qualifier			
C Mediastinum		0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	0 Drainage Device 1 Radioactive Element 3 Infusion Device 7 Autologous Tissue Substitute G Defibrillator Lead J Synthetic Substitute K Nonautologous Tissue Substitute Y Other Device	<b>Z</b> No Qualifier			

5A0- Extracorporeal or Systemic Assistance and Performance/Physiological Systems/Assistance

5A09B5K Assistance with Respiratory Ventilation, Less than 8 Consecutive Hours, Intubated Prone Positioning 5A09C5K Assistance with Respiratory Ventilation, 8-24 Consecutive Hours, Intubated Prone Positioning 5A09D5K Assistance with Respiratory Ventilation, Greater than 24 Consecutive Hours, Intubated Prone Positioning

Section	5	Extra	Extracorporeal or Systemic Assistance and Performance					
Body System	Α	Physi	ological Systems					
Operation	0	Assis	Assistance: Taking over a portion of a physiological function by extracorporeal means					
Body System			Duration	Function	Qualifier			
9 Respiratory			B Less than 8 Consecutive Hours C 8-24 Consecutive Hours D Greater than 24 Consecutive Hours		K Intubated Prone Positioning			

- Assign prone positioning code only once per stay.
- Mechanical ventilation is coded separately.

8E0- Other Procedures/Physiological Systems and Anatomical Regions/Other Procedures

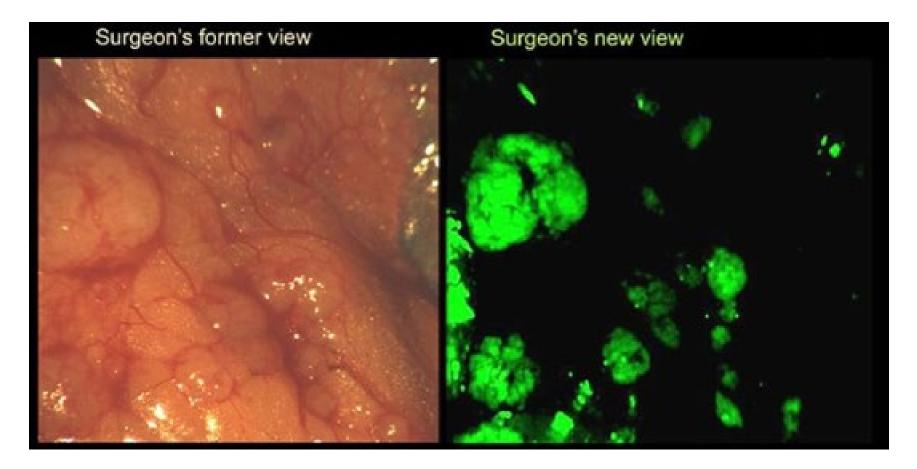
8E0U0EN Fluorescence Guided Procedure of Female Reproductive System using Pafolacianine, Open Approach

8E0U3EN Fluorescence Guided Procedure of Female Reproductive System using Pafolacianine, Percutaneous Approach

- 8E0U4EN Fluorescence Guided Procedure of Female Reproductive System using Pafolacianine, Percutaneous Endoscopic Approach
- 8E0U7EN Fluorescence Guided Procedure of Female Reproductive System using Pafolacianine, Via Natural or Artificial Opening
- 8E0U8EN Fluorescence Guided Procedure of Female Reproductive System using Pafolacianine, Via Natural or Artificial Opening Endoscopic
- CYTALUX<sup>®</sup> (Pafolacianine)

Section 8 Body System E		Other Procedures Physiological Systems and Anatomical Regions			
Operation 0	Other	Procedures: Methodologies w	hich attempt to remediate or cu	ure a disorder or disease	
Body Region		Approach	Method	Qualifier	
U Female Reproductive System	9	<ul> <li>0 Open</li> <li>3 Percutaneous</li> <li>4 Percutaneous Endoscopic</li> <li>7 Via Natural or Artificial Opening</li> <li>8 Via Natural or Artificial Opening Endoscopic</li> </ul>	E Fluorescence Guided Procedure	N Pafolacianine	

#### ICD-10-PCS Additions, Deletions, and Revisions CYTALUX<sup>®</sup> (Pafolacianine)



8E0- Other Procedures/Physiological Systems and Anatomical Regions/Other Procedures

8EOW0EN Fluorescence Guided Procedure of Trunk Region using Pafolacianine, Open Approach
8EOW3EN Fluorescence Guided Procedure of Trunk Region using Pafolacianine, Percutaneous Approach
8EOW4EN Fluorescence Guided Procedure of Trunk Region using Pafolacianine, Percutaneous Endoscopic Approach
8EOW7EN Fluorescence Guided Procedure of Trunk Region using Pafolacianine, Via Natural or Artificial Opening
8EOW8EN Fluorescence Guided Procedure of Trunk Region using Pafolacianine, Via Natural or Artificial Opening

Section	8	Other	Other Procedures				
Body System	Е	Physi	Physiological Systems and Anatomical Regions				
Operation	0	Other	Procedures: Methodologies w	hich attempt to remediate or cu	ire a disorder or disease		
Bodv Reaion			Approach	Method	Qualifier		
W Trunk Region			0 Open 3 Percutaneous 4 Percutaneous Endoscopic 7 Via Natural or Artificial Opening 8 Via Natural or Artificial Opening Endoscopic	E Fluorescence Guided Procedure	N Pafolacianine Z No Qualifier		

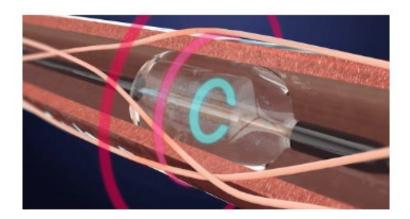
#### **X05- New Technology/Nervous System/Destruction**

X051329 Destruction of Renal Sympathetic Nerve(s) using Ultrasound Ablation, Percutaneous Approach, New Technology Group 9

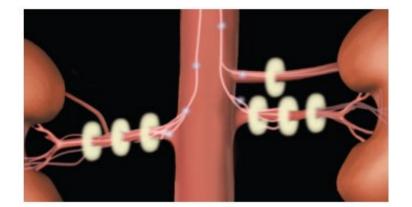
• Paradise<sup>™</sup> Ultrasound Renal Denervation System

Section	x	New Technology	New Technology				
Body System	0	Nervous System	lervous System				
Operation	5		Destruction: Physical eradication of all or a portion of a body part by the direct use of energy, orce, or a destructive agent				
Body Part		Approach	Device / Substance / Technology	Qualifier			
1 Renal Sympathe Nerve(s)	etic	3 Percutaneous	2 Ultrasound Ablation	9 New Technology Group 9			

#### ICD-10-PCS Additions, Deletions, and Revisions Paradise<sup>™</sup> Ultrasound Renal Denervation System



The Paradise Renal Denervation Catheter within the artery. The red circle indicates the heat generated from the ultrasound energy in the tissue delivering energy within the artery. The blue circle indicates active cooling from circulating water within the artery to protect the artery from heat.



The white rings illustrate the heat deposited in the tissue, to decrease the over-activity of the nerves leading to the kidney. Each ring represents one 7-second treatment. Two to four treatments will be delivered to the left and right arteries supplying the kidney.

https://www.youtube.com/watch?v=pNua5-cnxXi



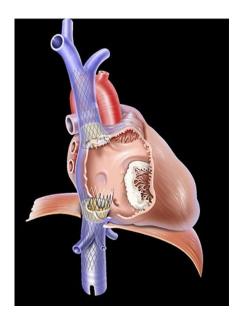
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### ICD-10-PCS Additions, Deletions, and Revisions X2H- New Technology/Cardiovascular System/Insertion

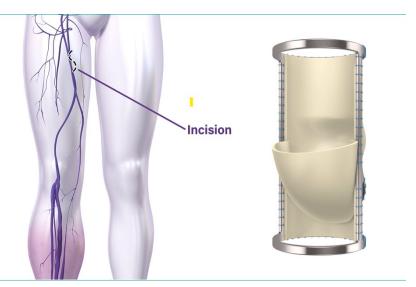
- X2H03R9 Insertion of Intraluminal Device, Bioprosthetic Valve into Inferior Vena Cava, Percutaneous Approach, New Technology Group 9
- X2H13R9 Insertion of Intraluminal Device, Bioprosthetic Valve into Superior Vena Cava, Percutaneous Approach, New Technology Group 9
- X2H20R9 Insertion of Intraluminal Device, Bioprosthetic Valve into Right Femoral Vein, Open Approach, New Technology Group 9
- X2H30R9 Insertion of Intraluminal Device, Bioprosthetic Valve into Left Femoral Vein, Open Approach, New Technology Group 9

Section X	New Technology					
Body System 2	Cardiovascular System	Cardiovascular System				
		sertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a hysiological function but does not physically take the place of a body part				
Body Part	Approach	Device / Substance / Technology	Qualifier			
0 Inferior Vena Cava 1 Superior Vena Cava	3 Percutaneous	R Intraluminal Device, Bioprosthetic Valve	9 New Technology Group 9			
2 Femoral Vein, Right 3 Femoral Vein, Left	0 Open	R Intraluminal Device, Bioprosthetic Valve	9 New Technology Group 9			
6 Atrium, Right K Ventricle, Right	3 Percutaneous	V Intracardiac Pacemaker, Dual-Chamber	9 New Technology Group 9			
L Axillary Artery, Right M Axillary Artery, Left X Thoracic Aorta, Ascen	0 Open	F Conduit to Short-term External Heart Assist System	9 New Technology Group 9			

#### TricValve® and VenoValve®



Two TricValve<sup>®</sup> bioprosthetic valves are placed in the venous system (one in the superior vena cava and another in the inferior vena cava) to reduce the backflow of blood and pressure on the other organs of the body.



The VenoValve® is surgically implanted into the femoral vein via a 5to-6-inch incision in the upper thigh to prevent reflux of venous blood down the leg. https://venovalve.com/

#### ICD-10-PCS Additions, Deletions, and Revisions X2H- New Technology/Cardiovascular System/Insertion

X2HL0F9 Insertion of Conduit to Short-term External Heart Assist System into Right Axillary Artery, Open Approach, New Technology Group 9

X2HM0F9 Insertion of Conduit to Short-term External Heart Assist System into Left Axillary Artery, Open Approach, New Technology Group 9

X2HX0F9 Insertion of Conduit to Short-term External Heart Assist System into Thoracic Aorta, Ascending, Open Approach, New Technology Group 9

Section	x	New Technology					
Body System	2	Cardiovascular System	Cardiovascular System				
Operation	н		sertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a hysiological function but does not physically take the place of a body part				
Body Part		Approach	Device / Substance / Technology	Qualifier			
0 Inferior Vena Cava 1 Superior Vena Cava		3 Percutaneous	R Intraluminal Device, Bioprosthetic Valve	9 New Technology Group 9			
2 Femoral Vein, Right 3 Femoral Vein, Left		0 Open	R Intraluminal Device, Bioprosthetic Valve	9 New Technology Group 9			
6 Atrium, Right K Ventricle, Right	t	3 Percutaneous	V Intracardiac Pacemaker, Dual-Chamber	9 New Technology Group 9			
L Axillary Artery, M Axillary Artery, X Thoracic Aorta	Left	0 Open	F Conduit to Short-term External Heart Assist System	9 New Technology Group 9			

May also see documented in the record as the Impella 5.5<sup>®</sup> with Smart Assist<sup>®</sup> system.



X2H- New Technology/Cardiovascular System/Insertion

For insertion of Impella pump (coded separately):

- Axillary arteries- Coded as percutaneous approach (02HA3RZ)
- Ascending aorta- Coded as open approach (02HA0RZ)
- Also, code 5A0221D Assistance with Cardiac Output using Impeller Pump, Continuous

*Coding Clinic, 4<sup>th</sup> Quarter 2016, page 137* 

#### X2H- New Technology/Cardiovascular System/Insertion

X2H63V9 Insertion of Dual-Chamber Intracardiac Pacemaker into Right Atrium, Percutaneous Approach, New Technology Group 9

X2HK3V9 Insertion of Dual-Chamber Intracardiac Pacemaker into Right Ventricle, Percutaneous Approach, New Technology Group 9

• Aveir<sup>™</sup> Leadless Pacemaker (LP) System by Abott

Section	х	New Technolo	New Technology				
Body System	2	Cardiovascula	Cardiovascular System				
Operation	н		nsertion: 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		Approa	ch	Device / Substance / Technology	Qualifier		
6 Atrium, Right K Ventricle, Right		3 Percu	taneous	V Intracardiac Pacemaker, Dual-Chamber	9 New Technology Group 9		



X2H- New Technology/Cardiovascular System/Insertion

An existing right ventricular leadless pacemaker can be upgraded to become part of a dual-chamber leadless pacemaker pair. If upgrading to a dual-chamber pacing by implanting a leadless pacemaker into the atrium only, use only code X2H63V9 for the right atrium insertion.

For removal or revision of the leadless pacemaker, use codes 02PA3NZ or 02WA3NZ. No new codes were created for the removal or revision of the leadless pacemaker.



#### X2H- New Technology/Cardiovascular System/Bypass

- X2KH3D9 Bypass Right Femoral Artery using Conduit through Femoral Vein to Superficial Femoral Artery, Percutaneous Approach, New Technology Group 9
- X2KH3E9 Bypass Right Femoral Artery using Conduit through Femoral Vein to Popliteal Artery, Percutaneous Approach, New Technology Group 9
- X2KJ3D9 Bypass Left Femoral Artery using Conduit through Femoral Vein to Superficial Femoral Artery, Percutaneous Approach, New Technology Group 9
- X2KJ3E9 Bypass Left Femoral Artery using Conduit through Femoral Vein to Popliteal Artery, Percutaneous Approach, New Technology Group 9

Section	X	New '	Technology		ew Technology				
Body System	2		ardiovascular System						
Operation	н		sertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a hysiological function but does not physically take the place of a body part						
Body Part			Approach	Device / Substance / Technology	Qualifier				
H Femoral Artery, J Femoral Artery,	, Right Left	t	3 Percutaneous	D Conduit through Femoral Vein to Superficial Femoral Artery E Conduit through Femoral Vein to Popliteal Artery	9 New Technology Group 9				

#### **DETOUR®** System using TORUS® Stents

- DETOUR<sup>®</sup> System using TORUS<sup>®</sup> Stents (previously known as the PQ Bypass System)
- Common terms related to this procedure: PQ bypass, DETOUR<sup>®</sup> bypass, TORUS<sup>®</sup> stent placement, ENDOCROSS<sup>®</sup> device being used.







#### X2U- New Technology/Cardiovascular System/Supplement

X2U4079 Supplement Coronary Artery/Arteries with Vein Graft Extraluminal Support Device(s), Open Approach, New Technology Group 9

X2UQ0P9 Supplement Right Upper Extremity Vein with Synthetic Substitute, Extraluminal Support Device, Open Approach, New Technology Group 9

X2UR0P9 Supplement Left Upper Extremity Vein with Synthetic Substitute, Extraluminal Support Device, Open Approach, New Technology Group 9

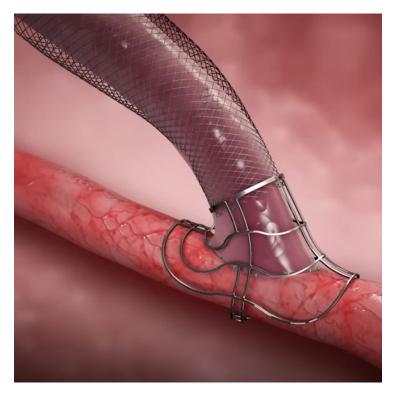
Section	X	New	lew Technology				
Body System	2	Cardi	ovascular System				
Operation	U		upplement: Putting in or on biological or synthetic material that physically reinforces and/or ugments the function of a portion of a body part				
Body Part			Approach	Device / Substance / Technology	Qualifier		
4 Coronary Artery/Arteries		ies	0 Open	7 Vein Graft Extraluminal Support Device(s)	9 New Technology Group 9		
Q Upper Extremity Vein, Right R Upper Extremity Vein, Left		-	0 Open	P Synthetic Substitute, Extraluminal Support Device	9 New Technology Group 9		

• VEST<sup>™</sup> Venous External Support System and VASQ<sup>™</sup> External Support Device

**VEST™ Venous External Support System and VASQ™ External Support Device** 



VEST<sup>™</sup> https://www.youtube.com/watch?v=iK8xVzrSYJ8



VASQ<sup>™</sup> https://www.youtube.com/watch?v=2W3HoTH2x58

#### **XNH- New Technology/Bones/Insertion**

XNHG0F9 Insertion of Tibial Extension with Motion Sensors into Right Tibia, Open Approach, New Technology Group 9

XNHH0F9 Insertion of Tibial Extension with Motion Sensors into Left Tibia, Open Approach, New Technology Group 9

Section	x	New Technology	New Technology				
Body System	Ν	Bones	Bones				
Operation	н		nsertion: Putting in a nonbiological appliance that monitors, assists, performs, or prevents a hysiological function but does not physically take the place of a body part				
Body Part		Approach	Device / Substance Technology	e / Qualifier			
G Tibia, Right H Tibia, Left		0 Open	F Tibial Extension Motion Sensors	with 9 New Technology	Group 9		

- Canturio<sup>™</sup> te (CTE) is the tibial extension implant
- Canary Health Implanted Reporting Processor (CHIRP<sup>™</sup>) is located inside the implant
- Tibial extension implant is only used with the cemented Zimmer Biomet Persona<sup>®</sup> Personalized Knee Replacement
- Combined, this unit is called Persona IQ<sup>®</sup> Smart Knee<sup>®</sup>

**XNH- New Technology/Bones/Insertion** 

Two codes are required to completely describe the Persona IQ<sup>®</sup> Smart Knee<sup>®</sup>: A code from the OSR table (Medical and Surgical, Lower Joints, Replacement) using qualifier value 9, Cemented and the XNH code (as listed on previous slide).

Common terms related to this procedure: Canary, CHIRP™, Canary tibial extension, CTE, Persona IQ smart knee, Persona knee with CTE

Persona® and Persona IQ®





#### XNR- New Technology/Bones/Replacement

- XNRL099 Replacement of Right Tarsal with Talar Prosthesis Synthetic Substitute, Open Approach, New Technology Group 9
- XNRM099 Replacement of Left Tarsal with Talar Prosthesis Synthetic Substitute, Open Approach, New Technology Group 9

Section	X	New Technology	New Technology				
Body System	N	Bones	Bones				
Operation	R		Replacement: Putting in or on biological or synthetic material that physically takes the place nd/or function of all or a portion of a body part				
Body Part		Approach	Device / Substance / Technology	Qualifier			
8 Skull		0 Open	D Synthetic Substitute, Ultrasound Penetrable	9 New Technology Group 9			
L Tarsal, Right M Tarsal, Left		0 Open	9 Synthetic Substitute, Talar Prosthesis	9 New Technology Group 9			

- Code with ankle replacement code from OSR table.
- Total Ankle Talar Replacement (TATR)- 4WEB XL talus implant

#### **XNR- New Technology/Bones/Replacement**

XNR80D9 Replacement of Skull with Ultrasound Penetrable Synthetic Substitute, Open Approach, New Technology Group 9

Section	X	New 7	Technology			
Body System	Ν	Bones	S			
Operation	R		cement: Putting in or on biolog r function of all or a portion of a	ical or synthetic material that p a body part	hysically takes the place	
Body Part			Approach	Device / Substance / Technology	Qualifier	
8 Skull			0 Open	D Synthetic Substitute, Ultrasound Penetrable	9 New Technology Group 9	
L Tarsal, Right M Tarsal, Left			0 Open	9 Synthetic Substitute, Talar Prosthesis	9 New Technology Group 9	0.

- Longeviti ClearFit<sup>®</sup> OTS (Off the Shelf)
- Code first for the definitive intracranial procedure that is performed.
- Code separately for any ultrasound performed.

#### **XRG- New Technology/Joints/Fusion**

- XRGJ0B9 Fusion of Right Ankle Joint using Open-truss Design Internal Fixation Device, Open Approach, New Technology Group 9
- XRGK0B9 Fusion of Left Ankle Joint using Open-truss Design Internal Fixation Device, Open Approach, New Technology Group 9
- XRGL0B9 Fusion of Right Tarsal Joint using Open-truss Design Internal Fixation Device, Open Approach, New Technology Group 9
- XRGM0B9 Fusion of Left Tarsal Joint using Open-truss Design Internal Fixation Device, Open Approach, New Technology Group 9

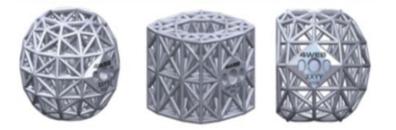
Section	х	New 1	New Technology				
Body System	R	Joints	4				
Operation	G	-	usion: Joining together portions of an articular body part rendering the articular body part mobile				
Body Part			Approach	Device / Substance / Technology	Qualifier		
J Ankle Joint, Right K Ankle Joint, Left L Tarsal Joint, Righ M Tarsal Joint, Left	t		0 Open	B Internal Fixation Device, Open-truss Design	9 New Technology Group 9		

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**XRG- New Technology/Joints/Fusion** 

- Open-Truss Ankle Fusion Device- 4WEB Ankle Truss System<sup>™</sup> (ATS)
  - Orthosphere
  - Orthoblock
  - Orthosphere flat-sided

OrthoSphere<sup>™</sup> OrthoBlock<sup>™</sup> OrthoSphere<sup>™</sup> flat-sided



 Two codes are required to completely describe the combination fusion of the tarsal joint and the ankle joint using the Open-Truss device and the intramedullary nail across both joints. Both codes are from the XRG table.



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#### **XRG- New Technology/Joints/Fusion- Revisions**

- XRGA0R7 Fusion of Thoracolumbar Vertebral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Open Approach, New Technology Group 7
- XRGA3R7 Fusion of Thoracolumbar Vertebral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Approach, New Technology Group 7
- XRGA4R7 Fusion of Thoracolumbar Vertebral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Endoscopic Approach, New Technology Group 7
- XRGB0R7 Fusion of Lumbar Vertebral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Open Approach, New Technology Group 7
- XRGB3R7 Fusion of Lumbar Vertebral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Approach, New Technology Group 7
- XRGB4R7 Fusion of Lumbar Vertebral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Endoscopic Approach, New Technology Group 7

Section	X	New	New Technology					
Body System	R	Joints	6					
Operation	G		Fusion: Joining together portions of an articular body part rendering the articular body part immobile					
Body Part			Approach	Device / Substance / Technology	Qualifier			
A Thoracolumbar Vertebral Joint B Lumbar Vertebral Joint C Lumbar Vertebral Joints, 2 or more D Lumbosacral Joint			0 Open 3 Percutaneous 4 Percutaneous Endoscopic	R Interbody Fusion Device, Custom-Made Anatomically Designed	7 New Technology Group 7			

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#### **XRG- New Technology/Joints/Fusion- Revisions**

- XRGC0R7 Fusion of 2 or more Lumbar Vertebral Joints using **Custom-Made Anatomically Designed Interbody Fusion Device**, Open Approach, New Technology Group 7
- XRGC3R7 Fusion of 2 or more Lumbar Vertebral Joints using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Approach, New Technology Group 7
- XRGC4R7 Fusion of 2 or more Lumbar Vertebral Joints using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Endoscopic Approach, New Technology Group 7
- XRGD0R7 Fusion of Lumbosacral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Open Approach, New Technology Group 7
- XRGD3R7 Fusion of Lumbosacral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Approach, New Technology Group 7
- XRGD4R7 Fusion of Lumbosacral Joint using **Custom-Made Anatomically Designed Interbody Fusion Device**, Percutaneous Endoscopic Approach, New Technology Group 7

Section	x	New '	New Technology				
Body System	R	Joints	3				
Operation	G	G Fusion: Joining together portions of an articular body part rendering the articular body part immobile					
Body Part			Approach	Device / Substance / Technology	Qualifier		
A Thoracolumbar Vertebral Joint B Lumbar Vertebral Joint C Lumbar Vertebral Joints, 2 or more D Lumbosacral Joint			0 Open 3 Percutaneous 4 Percutaneous Endoscopic	R Interbody Fusion Device, Custom-Made Anatomically Designed	7 New Technology Group 7		

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#### New Technology/Physiological Systems/Monitoring

- XX20X89 Monitoring of Brain Electrical Activity, Computer-aided Detection and Notification, New Technology Group 9
- XX2F3W9 Monitoring of Musculoskeletal Muscle Compartment Pressure, Micro-Electro-Mechanical System, Percutaneous Approach, New Technology Group 9

Section	x	New Technology						
Body System	х	Physiological Systems						
Operation	2	Monitoring: Determining the of time	Aonitoring: Determining the level of a physiological or physical function repetitively over a period of time					
Body Part		Approach	Device / Substance / Technology	Qualifier				
0 Central Nervous		X External	8 Brain Electrical Activity, Computer-aided Detection and Notification	9 New Technology Group 9				
F Musculoskeletal		3 Percutaneous	W Muscle Compartment Pressure, Micro-Electro- Mechanical System	9 New Technology Group 9				

- Ceribell<sup>®</sup> Electrical Activity Monitor
- MY01 Compartment Monitor

**XXE- New Technology/Physiological Systems/Measurement** 

XXE2X19 Measurement of Cardiac Output, Computer-aided Assessment, New Technology Group 9

Section	x	New <sup>-</sup>	New Technology				
Body System	X	Physi	Physiological Systems				
Operation	E	Meas	urement: Determining the level	of a physiological or physical	function at a point in time		
Body Part			Approach	Device / Substance / Technology	Qualifier		
2 Cardiac				1 Output, Computer-aided Assessment	9 New Technology Group 9		

- EchoGo Heart Failure 1.0
- Code the echocardiography separately

**XXE- New Technology/Physiological Systems/Measurement** 

XXE5XY9 Measurement of Infection, Other Positive Blood/Isolated Colonies Bimodal Phenotypic Susceptibility Technology, New Technology Group 9

Section	X	New '	New Technology				
Body System	Х	Physi	ological Systems				
Operation	E	Meas	urement: Determining the level	of a physiological or physical	function at a point in time		
Body Part			Approach	Device / Substance / Technology	Qualifier		
5 Circulatory			X External	Y Infection, Other Positive Blood/Isolated Colonies Bimodal Phenotypic Susceptibility Technology	9 New Technology Group 9		

• Selux Rapid AST Platform

#### **Deleted Codes**

Deleted Code	Code Description	New Coding
XV508A4	Destruction of Prostate using Robotic Waterjet Ablation, Via Natural or Artificial Opening Endoscopic, New Technology Group 4 (Aquabeam System for Aquablation)	Code as OV508ZZ, Destruction of Prostate, Via Natural or Artificial Opening Endoscopic
XW033G4	Introduction of Plazomicin Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 4 (ZEMDRI™)	Code as 3E03329, Introduction of Other Anti- infective into Peripheral Vein, Percutaneous Approach
XW033H4	Introduction of Synthetic Human Angiotensin II into Peripheral Vein, Percutaneous Approach, New Technology Group 4 (GIAPREZA™)	Code as 3E033XZ, Introduction of Vasopressor into Peripheral Vein, Percutaneous Approach
XW043G4	Introduction of Plazomicin Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 4 (ZEMDRI™)	Code 3E04329, Introduction of Other Anti- infective into Central Vein, Percutaneous Approach
XW043H4	Introduction of Synthetic Human Angiotensin II into Central Vein, Percutaneous Approach, New Technology Group 4 (GIAPREZA™)	Code as 3E043XZ, Introduction of Vasopressor into Central Vein, Percutaneous Approach

XWO- New Technology/Anatomical Regions/Introduction

XW013L9 Introduction of Elranatamab Antineoplastic into Subcutaneous Tissue, Percutaneous Approach, New Technology Group 9

XW013S9 Introduction of Epcoritamab Monoclonal Antibody into Subcutaneous Tissue, Percutaneous Approach, New Technology Group 9 (Epkinly™)

Section	x	New	Technology				
Body System	w		Anatomical Regions				
Operation	0	Introd	ntroduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic ubstance except blood or blood products				
Body Part			Approach	Device / Substance / Technology	Qualifier		
1 Subcutaneous Tissue 3 Percutaneous		L Elranatamab Antineoplastic	9 New Technology Group 9				
1 Subcutaneous Tissue 3 Percutaneous		3 Percutaneous	S COVID-19 Vaccine Dose 1	6 New Technology Group 6			



XWO- New Technology/Anatomical Regions/Introduction- Revisions

XW00X27 Introduction of **Anacaulase-bcdb** into Skin, External Approach, New Technology Group 7

XW01X27 Introduction of **Anacaulase-bcdb** into Subcutaneous Tissue, External Approach, New Technology Group 7



XWO- New Technology/Anatomical Regions/Introduction

XW033K9 Introduction of Sulbactam-Durlobactam into Peripheral Vein, Percutaneous Approach, New Technology Group 9 (Xacduro)

XW043K9 Introduction of Sulbactam-Durlobactam into Central Vein, Percutaneous Approach, New Technology Group 9 (Xacduro)

Section	x	New '	New Technology				
Body System	w	Anato	Anatomical Regions				
Operation	0		ntroduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products				
Body Part			Approach	Device / Substance / Technology	Qualifier		
3 Peripheral Vein			3 Percutaneous	K Sulbactam-Durlobactam	9 New Technology Group 9		
4 Central Vein			3 Percutaneous	K Sulbactam-Durlobactam	9 New Technology Group 9		

#### XWO- New Technology/Anatomical Regions/Introduction

XW033Q9 Introduction of Posoleucel into Peripheral Vein, Percutaneous Approach, New Technology Group 9 (Viralym-M)

XW043Q9 Introduction of Posoleucel into Central Vein, Percutaneous Approach, New Technology Group 9 (Viralym-M)

Section	x	New	Technology				
Body System	w	Anato	omical Regions				
Operation	0	Introc subst	troduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic ubstance except blood or blood products				
Body Part			Approach	Device / Substance / Technology	Qualifier		
3 Peripheral Vein			3 Percutaneous	Q Posoleucel R Rezafungin	9 New Technology Group 9		
4 Central Vein			3 Percutaneous	Q Posoleucel R Rezafungin	9 New Technology Group 9		



#### XWO- New Technology/Anatomical Regions/Introduction

XW033P9 Introduction of Glofitamab Antineoplastic into Peripheral Vein, Percutaneous Approach, New Technology Group 9 (Columvi<sup>®</sup>)

XW043P9 Introduction of Glofitamab Antineoplastic into Central Vein, Percutaneous Approach, New Technology Group 9 (Columvi<sup>®</sup>)

Section	X	New	New Technology				
Body System	w	Anato	omical Regions				
Operation	0		ntroduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products				
Body Part			Approach	Device / Substance / Technology	Qualifier		
3 Peripheral Vein			3 Percutaneous		9 New Technology Group 9		
4 Central Vein			3 Percutaneous	P Glofitamab Antineoplastic	9 New Technology Group 9		



#### New Technology/Anatomical Regions/Introduction

XW053T9 Introduction of Melphalan Hydrochloride Antineoplastic into Peripheral Artery, Percutaneous Approach, New Technology Group 9 (Hepzato<sup>™</sup> Kit)

• Code also 5A1C00X for the filtration. No additional surgical code is assigned.

XW0DXJ9 Introduction of Quizartinib Antineoplastic into Mouth and Pharynx, External Approach, New Technology Group 9 (Vanflyta<sup>®</sup>)

Section	х	New	New Technology				
Body System	w	Anato	omical Regions				
Operation	0		ntroduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic ubstance except blood or blood products				
Body Part			Approach	Device / Substance / Technology	Qualifier		
5 Peripheral Artery 3 Percutar		3 Percutaneous	T Melphalan Hydrochloride Antineoplastic	9 New Technology Group 9			
D Mouth and Phary	'nx		X External	J Quizartinib Antineoplastic	9 New Technology Group 9		



XWO- New Technology/Anatomical Regions/Introduction

XW0DXN9 Introduction of SER-109 into Mouth and Pharynx, External Approach, New Technology Group 9 (Vowst<sup>™</sup>)

Section	x	New Technology					
Body System	w	Anatomical Regions					
Operation	0	Introduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products					
Body Part		Approach	Device / Substance / Technology	Qualifier			
D Mouth and Pharynx		X External	N SER-109	9 New Technology Group 9			

### XW1- New Technology/Anatomical Regions/Transfusion

XW133H9 Transfusion of Lovotibeglogene Autotemcel into Peripheral Vein, Percutaneous Approach, New Technology Group 9 (Lovo-Cel)

XW143H9 Transfusion of Lovotibeglogene Autotemcel into Central Vein, Percutaneous Approach, New Technology Group 9 (Lovo-Cel)

Section	x	New Technology							
Body System	w	Anato	Anatomical Regions						
Operation	1	Trans	Transfusion: Putting in blood or blood products						
Body Part			Approach	Device / Substance / Technology	Qualifier				
3 Peripheral Vein			3 Percutaneous	H Lovotibeglogene Autotemcel	9 New Technology Group 9				
4 Central Vein			3 Percutaneous	H Lovotibeglogene Autotemcel	9 New Technology Group 9				

XWO- New Technology/Anatomical Regions/Introduction

XW043R9 Introduction of Rezafungin into Central Vein, Percutaneous Approach, New Technology Group 9 (Rezzayo<sup>™</sup>)

Section	x	New Technology						
Body System	w	Anatomical Regions						
Operation	0		Introduction: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products					
Body Part			Approach	Device / Substance / Technology	Qualifier			
4 Central Vein			3 Percutaneous	Q Posoleucel R Rezafungin	9 New Technology Group 9			

# ICD-10-PCS Guideline Updates



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### **ICD-10-PCS Guideline Updates**

#### **Guideline B5.2b**

Percutaneous endoscopic approach with hand-assistance or extension of incision B5.2b

Procedures performed using the percutaneous endoscopic approach with hand-assistance, or with an incision or extension of an incision to assist in the removal of all or a portion of a body part, or to anastomose a tubular body part with or without the temporary exteriorization of a body structure, are coded to the approach value Percutaneous Endoscopic.

*Examples*: Hand-assisted laparoscopic sigmoid colon resection with exteriorization of a segment of the colon for removal of specimen with return of colon back into abdominal cavity is coded to the approach value percutaneous endoscopic.

Laparoscopic sigmoid colectomy with extension of stapling port for removal of specimen and direct anastomosis is coded to the approach value percutaneous endoscopic.

Laparoscopic nephrectomy with midline incision for removing the resected kidney is coded to the approach value percutaneous endoscopic.

Robotic-assisted laparoscopic prostatectomy with extension of incision for removal of the resected prostate is coded to the approach value percutaneous endoscopic.

It does not matter how the body part exits the body. The approach value is determined by how the body part is disconnected.



### **ICD-10-PCS Guideline Updates**

#### **Guideline B6.1a**

#### General guidelines

#### B6.1a

A device is coded only if a device remains after the procedure is completed. If no device remains, the device value No Device is coded. In limited root operations, the classification provides the qualifier values Temporary and Intraoperative, for specific procedures involving clinically significant devices, where the purpose of the device is to be utilized for a brief duration during the procedure or current inpatient stay. If a device that is intended to remain after the procedure is completed requires removal before the end of the operative episode in which it was inserted, both the insertion and removal of the device should be coded.

Text that was removed in the updated guidelines:

"...For example, the device size is inadequate, or an event documented as a complication occurs..."



### **Resources**

2024 ICD-10-PCS Coding. Centers for Medicare & Medicaid Services. <u>https://www.cms.gov/medicare/coding-billing/icd-10-codes/2024-icd-10-pcs</u>

Aortix<sup>™</sup>. Procyrion. <u>https://www.procyrion.com/</u>

Cook Medical Introduces Flourish Pediatric Esophageal Atresia Device in US. NS Medical Devices. https://www.nsmedicaldevices.com/news/cook-medical-flourish-pediatric/

FY 2024 Code Updates: CM & PCS. Libman Education. <u>https://libmaneducation.com/</u>

Paradise<sup>™</sup> Ultrasound Denervation System. Recor Medical. <u>https://www.recormedical.com/our-technology/</u>



# **Questions?**

Q&A Document can be found on Healthcatalyst.com under Resources/Webinars





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