

**G2170**

**PERCUTANEOUS ARTERIOVENOUS FISTULA  
CREATION (AVF), DIRECT, ANY SITE, BY TISSUE  
APPROXIMATION USING THERMAL RESISTANCE  
ENERGY, AND SECONDARY PROCEDURES TO  
REDIRECT BLOOD FLOW (E.G., TRANSLUMINAL  
BALLOON ANGIOPLASTY, COIL EMBOLIZATION)  
WHEN PERFORMED, AND INCLUDES ALL IMAGING  
AND RADIOLOGIC GUIDANCE, SUPERVISION AND  
INTERPRETATION, WHEN PERFORMED**

## **Healthcare Common Procedure Coding System**

The Healthcare Common Procedure Coding System (HCPCS) is a collection of codes that represent procedures, supplies, products and services which may be provided to Medicare beneficiaries and to individuals enrolled in private health insurance programs. HCPCS codes primarily correspond to services, procedures, and equipment not covered by CPT® codes.

**G2170 Percutaneous arteriovenous fistula creation (avf), direct, any site, by tissue approximation using thermal resistance energy, and secondary procedures to redirect blood flow (e.g., transluminal balloon angioplasty, coil embolization) when performed, and includes all imaging and radiologic guidance, supervision and interpretation, when performed**

<p><i>HCPCS Code</i></p>	<p>G2170</p>	<p>The Healthcare Common Procedure Coding System (HCPCS) is a collection of codes that represent procedures, supplies, products and services which may be provided to Medicare beneficiaries and to individuals enrolled in private health insurance programs. The codes are divided into two levels, or groups, as described Below:</p> <p><b>Level I</b> Codes and descriptors copyrighted by the American Medical Association's current procedural terminology, fourth edition (CPT-4). These are 5 position numeric codes representing physician and nonphysician services.</p> <p><b>**** NOTE: ****</b> CPT-4 codes including both long and short descriptions shall be used in accordance with the CMS/AMA agreement. Any other use violates the AMA copyright.</p> <p><b>Level II</b> Includes codes and descriptors copyrighted by the American Dental Association's current dental terminology, seventh edition (CDT-2011/12). These are 5 position alpha-numeric codes comprising the d series. All other level II codes and descriptors are approved and maintained jointly by the alpha-numeric editorial panel (consisting of CMS, the Health Insurance Association of America, and the Blue Cross and Blue Shield Association). These are 5 position alpha-numeric codes representing primarily items and nonphysician services that are not represented in the level I codes.</p>
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<i>Code Description</i>	Percutaneous arteriovenous fistula creation (avf), direct, any site, by tissue approximation using thermal resistance energy, and secondary procedures to redirect blood flow (e.g., transluminal balloon angioplasty, coil embolization) when performed, and includes all imaging and radiologic guidance, supervision and interpretation, when performed	Contains all text of procedure or modifier long descriptions. As of 2013, this field contains the consumer friendly descriptions for the AMA CPT codes. The AMA owns the copyright on the CPT codes and descriptions; CPT codes and descriptions are not public property and must always be used in compliance with copyright law.
<i>Short Description</i>	Avf by tissue w thermal e	Short descriptive text of procedure or modifier code (28 characters or less). The AMA owns the copyright on the CPT codes and descriptions; CPT codes and descriptions are not public property and must always be used in compliance with copyright law.
<i>Pricing Indicator Code #1</i>	13	Code used to identify the appropriate methodology for developing unique pricing amounts under part B. A procedure may have one to four pricing codes.
<i>Pricing Indicator Code #1 Description</i>	Price established by carriers (e.g., not otherwise classified, individual determination, carrier discretion). Linked To The Physician Fee Schedule.	Description of Pricing Indicator Code #1
<i>Multiple Pricing Indicator Code</i>	A	Code used to identify instances where a procedure could be priced under multiple methodologies.
<i>Multiple Pricing Indicator Code Description</i>	Not applicable as HCPCS priced under one methodology	HCPCS Multiple Pricing Indicator Code Description
<i>Cross Reference Code #1</i>	36836	An explicit reference crosswalking a deleted code or a code that is not valid for Medicare to a valid current code (or range of codes).
<i>Coverage Code</i>	C	A code denoting Medicare coverage status.
<i>Coverage Code Description</i>	Carrier judgment	HCPCS Coverage Code Description
<i>Berenson-Eggers Type Of Service Code</i>	P1G	This field is valid beginning with 2003 data. The Berenson-Eggers Type of Service (BETOS) for the procedure code based on generally agreed upon clinically meaningful groupings of procedures and services.

<i>Berenson-Eggers Type Of Service Code Description</i>	Major procedure - Other	HCPCS Berenson-Eggers Type Of Service Code Description
<i>Type Of Service Code #1</i>	2	The carrier assigned CMS type of service which describes the particular kind(s) of service represented by the procedure code.
<i>Type Of Service Code #1 Description</i>	Surgery	Description of HCPCS Type Of Service Code #1
<i>Anesthesia Base Unit Quantity</i>	0	<p>The base unit represents the level of intensity for anesthesia procedure services that reflects all activities except time. These activities include usual preoperative and post-operative visits, the administration of fluids and/or blood incident to anesthesia care, and monitoring procedures.</p> <p>**** NOTE: ****</p> <p>The payment amount for anesthesia services is based on a calculation using base unit, time units, and the conversion factor.</p>
<i>Code Added Date</i>	20200701	The year the HCPCS code was added to the Healthcare common procedure coding system.
<i>Action Effective Date</i>	20230101	Effective date of action to a procedure or modifier code
<i>Termination Date</i>	20221231	Last date for which a procedure or modifier code may be used by Medicare providers.
<i>Action Code</i>	N	A code denoting the change made to a procedure or modifier code within the HCPCS system.
<i>Action Code Description</i>	No maintenance for this code	HCPCS Action Code Description
<i>Status</i>	Actual	
<i>Last Update Date</i>	2026	

Contact Information for HCPCS

HCPCS Email Address: [hcpcs@cms.hhs.gov](mailto:hcpcs@cms.hhs.gov)

The PDAC has a toll free helpline

(877) 735-1326

HCPCS-related questions must be submitted online  
via the [www.codingclinicadvisor.com](http://www.codingclinicadvisor.com) website

For all questions regarding this bundle please contact Support@DataLabs.Health. Also feel free to let us know about any suggestions or concerns. All additional information as well as customer support is available at <https://www.datalabs.health/>.