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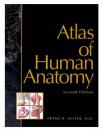
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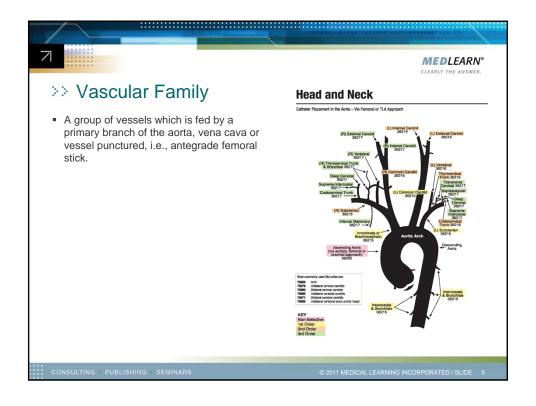
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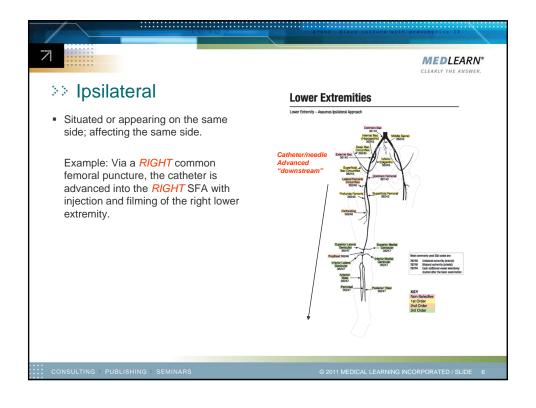


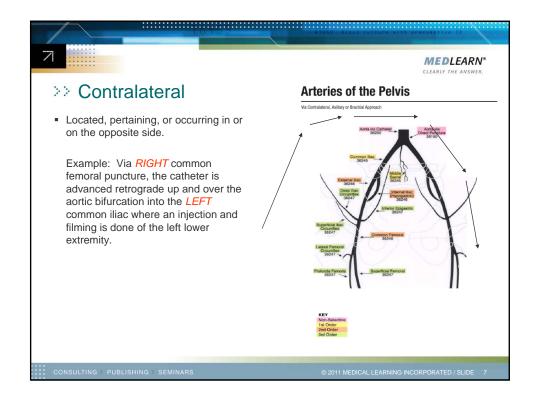
>> Interventional Radiology

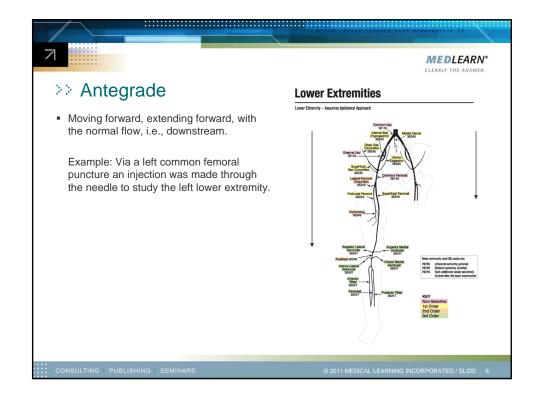
- To code correctly for IR services, you need an in-depth knowledge of anatomy and physiology, a thorough understanding of how to use the revised CPT codes, and a familiarity of some key terms.
- An excellent reference for all anatomy is "The Atlas of Human Anatomy," by Dr. Frank Netter.

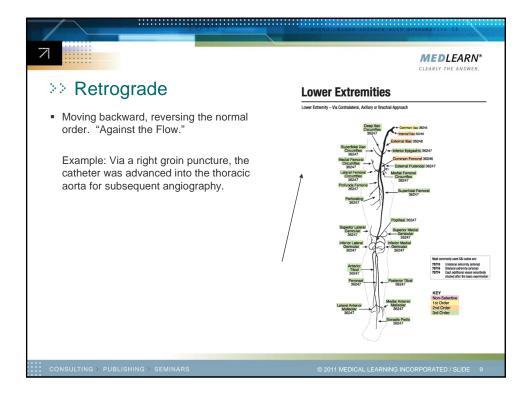


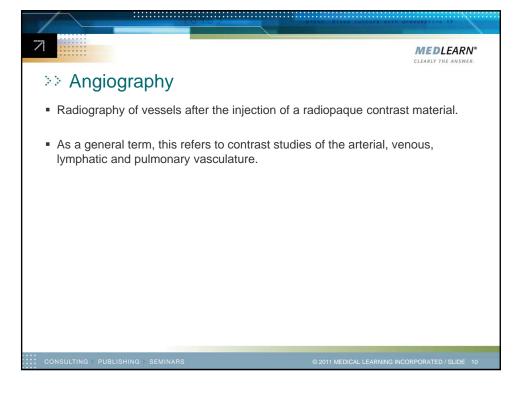


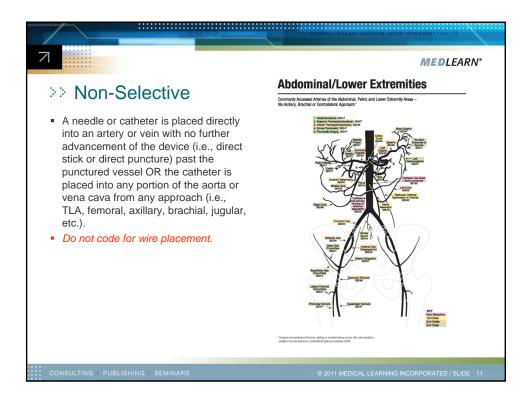


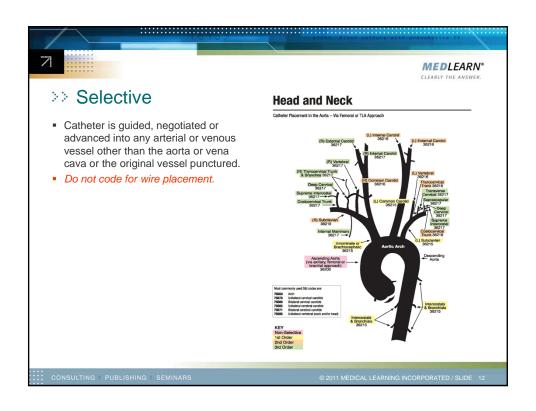


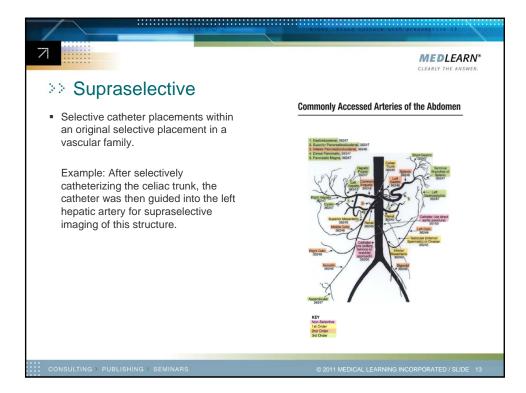


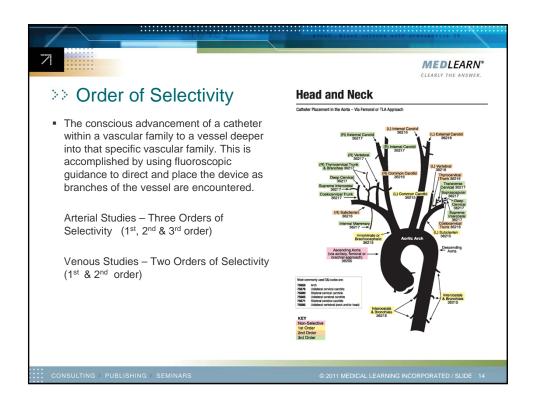


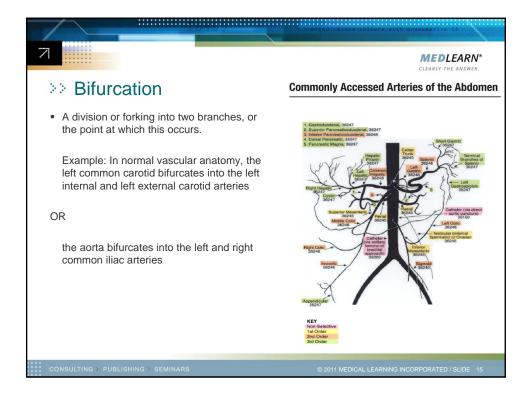














>> Component Coding Rules

A. You must know where you started and where you ended up to correctly code for selective catheter placements.

	Codes	2011 Total Facility RVU's
_	36100	4.98
_	36120	3.10
_	36140	3.21
_	36147*	5.65
_	36200	4.80
_	36215/36245	7.54 / 7.69
_	36216/36246	8.53 / 8.47
_	36217/36247	10.15 / 10.09
_	36218/36248	1.61 / 1.59

*Bundled code including initial vascular access and diagnostic imaging

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>> Component Coding Rules

- B. Code each vascular family separately.
- C. Code to the highest degree of selectivity within a vascular family.
- D. Selective codes take precedence over non-selective codes, if done from the same puncture site.
- E. When allowed, code each catheter placement from each separate puncture site individually (i.e., Multiple punctures of AV fistula, aortic endograft).

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>> Component Coding Rules

- F. Code to the intent of the study.
- G. When allowed, If doing both diagnostic and therapeutic studies in the same setting, be certain to code separately for each portion.

Be aware of:

- Full and complete procedures
- Documentation
- Bundling





>> Invasive/Interventional Radiology (IR)

- In 2011, additional information has been added to the specific explanatory notes prior to the subsections preceding CPT codes for arteriography, venography and transcatheter therapy services.
- These changes were added to prevent incorrect charging of studies that are not truly full and complete or diagnostic in nature.

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>> Invasive / Interventional Radiology (IR)

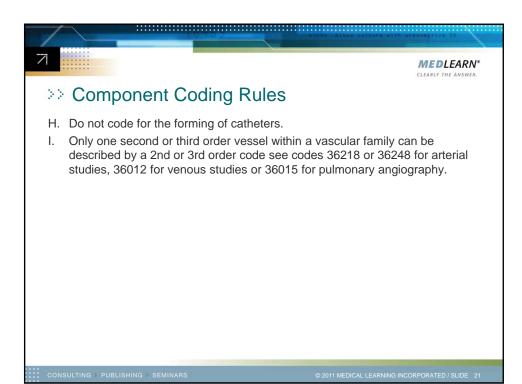
For the Aorta and Arteries:

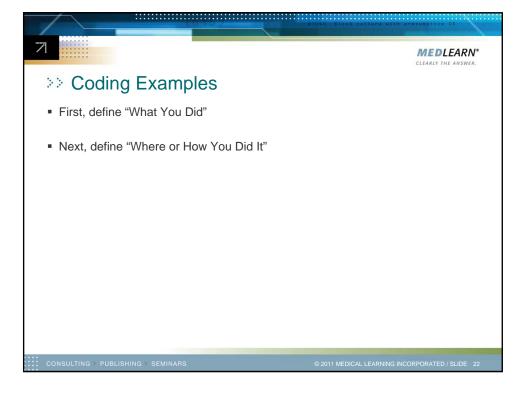
"The lower extremity endovascular revascularization codes describing these services performed for occlusive disease (37720-37235) include catheterization (36200, 36140, 36245-36248) in the work described by the codes. Catheterization codes are not additionally reported for diagnostic lower extremity angiography when performed through the same access site as the therapy (37220-37235) performed in the same session. However, catheterization for the diagnostic lower extremity angiogram may be reported separately if a different arterial puncture site is necessary".

"Diagnostic angiography (radiological supervision and interpretation codes) should $\underline{\text{NOT}}$ be used with interventional procedures for:

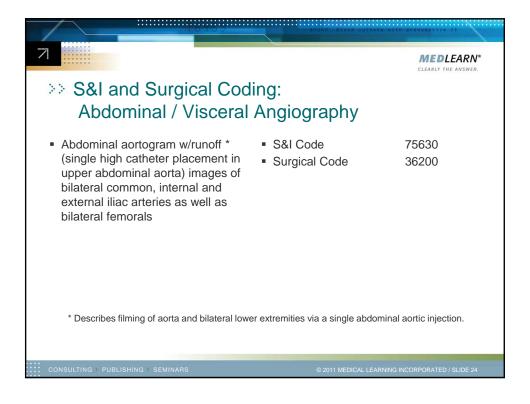
- Contrast injections, angiography, roadmapping, and / or fluoroscopic guidance for the intervention,
- 2. Vessel measurement, and
- Post-angioplasty / stent / atherectomy angiography as this work is captured in the interventional radiologic supervision and interpretation (S&I) code(s). In those therapeutic codes that include radiological supervision and interpretation, this work is captured in the therapeutic code"

*Bottom line, before coding, ask yourself, "Are the exams really full and complete and diagnostic"?





MEDLEARN® >> S&I and Surgical Coding: Abdominal / Visceral Angiography ■ S&I Code Abdominal Aortogram via a non-75625 selective approach Surgical Code 36200 Abdominal Aortogram via a S&I Code 75625 translumbar aortic (TLA) non- Surgical Code 36160 selective approach (This is rarely done, but may occur on patients that have previously had AAA stent grafting with a endoleak that now needs to be embolized)



>> S&I and Surgical Coding: Abdominal / Visceral Angiography

Abdominal aortogram ** (catheter in upper abdominal aorta) bilateral lower extremities (catheter in distal aorta)
 S&I Codes
 Swrgical Codes

S&I Codes 75625 75716

Surgical Code 36200

**Both codes should be used when <u>two</u> separate cath placements are used; one high (i.e., level of renal arteries) and one low (i.e., above aortic bifurcation). Use both codes when performing <u>complete</u> abdominal and bilateral lower extremity exams.

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S&I and Surgical Coding:Abdominal / Visceral Angiography

 Unilateral renal angiogram (right or left), selective *** S&I Code

75722

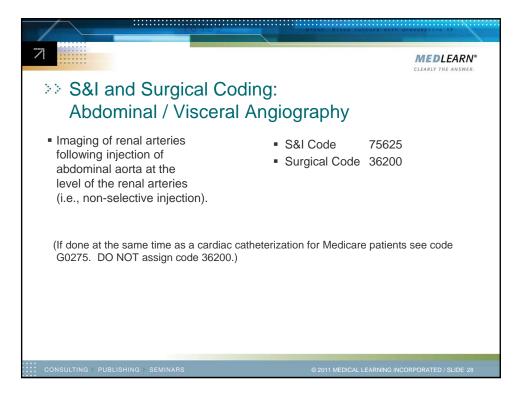
Surgical Code

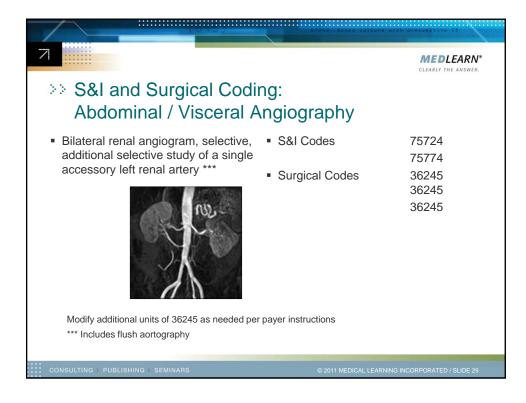
36245

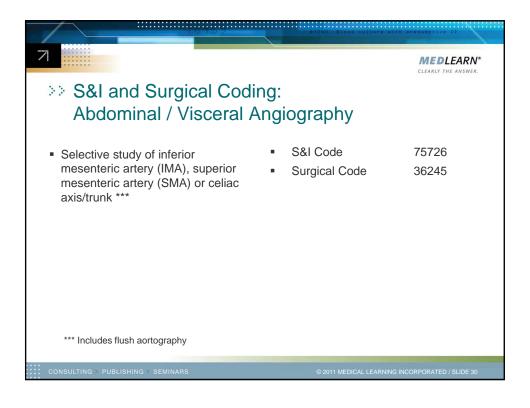
(assign -LT or -RT as needed)

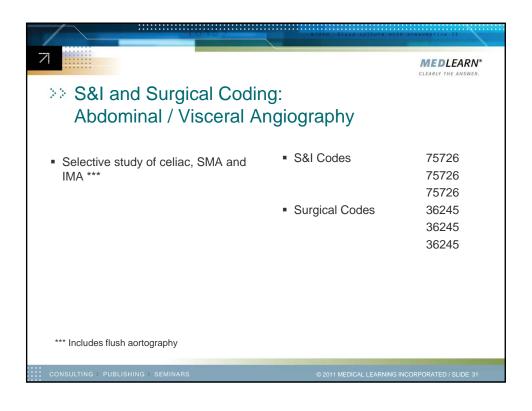
*** Includes flush aortography

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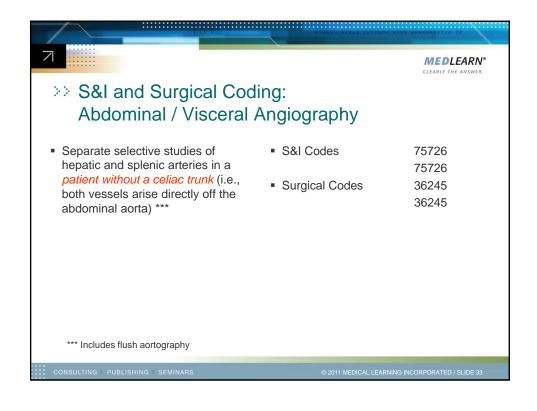


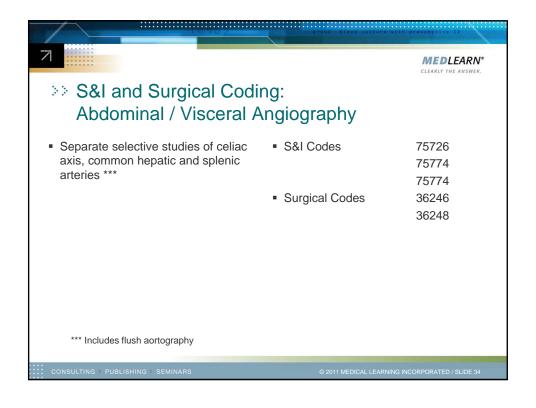


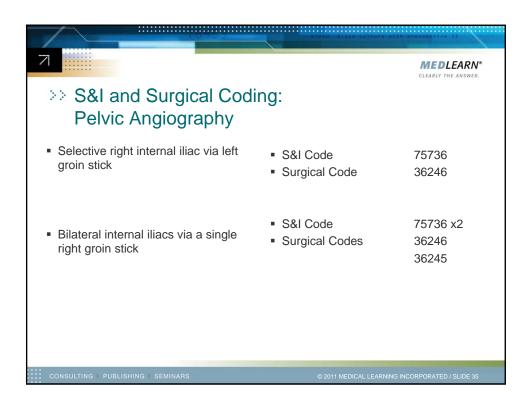




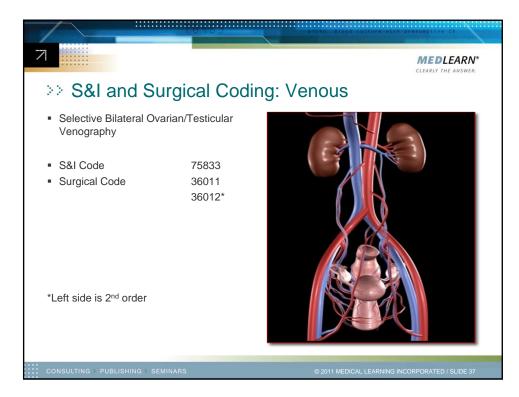
(875)	87040 Blood culture	with presumptive ID
7		MEDLEARN* CLEARLY THE ANSWER.
S&I and Surgical Cod Abdominal / Visceral	•	
 Selective study of SMA and IMA followed by additional supraselective study of left colic artery *** 	 S&I Codes 	75726
		75726
		75774
	 Surgical Codes 	36246
		36245
 Selective studies of celiac and common hepatic arteries *** 	S&I Codes	75726
		75774
	Surgical Code	36246
*** Includes flush aortography		
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10102	87040 Blood cultur	e with presumptive ID
7		MEDLEARN* CLEARLY THE ANSWER.
S&I and Surgical Cod Venous	ing:	
■ IVC	S&I Code	75825
	Surgical Code	36010
• SVC	■ S&I Code	75827
	 Surgical Code 	36010
Selective Bilateral Renal Venography	■ S&I Code	75833
	 Surgical Code 	36011
		36011
Selective Bilateral Ovarian/Testicular	■ S&I Code	75833
Venography	 Surgical Code 	36011
Left side is 2 nd order	-	36012
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Guidelines to Follow When Coding for Interventional Procedures

- 1. Transcatheter therapy procedures do not include diagnostic angiography.
 - If both are performed in a full and complete fashion, both may be billed
 - Do not bill the angiography when the injections performed are for "guiding-shots," "roadmaps" or to verify catheter position / location.
 - If meeting all documentation criteria, be certain to check CCI edits and assign modifier -59 as appropriate.

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Guidelines to Follow When Coding for Interventional Procedures

- 2. When allowed, in addition to submitting S&I and procedural codes for interventional procedures, don't forget to also assign the appropriate selective or non-selective catheterization code to define that portion of the procedure.
 - The CPT manual states the following prior to codes for PTA's or Transcatheter therapy:

"Codes for catheter placement and the RS&I should also be reported, in addition to the code(s) for the therapeutic aspect of the procedure."

- Per CPT 2011, this instruction would apply to PTA codes 35471 & 35472, 35475
 35476 as well as other transcatheter interventional options in the 37184-37188 and 37200-37209 series.
- Do not assign catheter placement codes when submitting from CPT options 37210, 37215-37216 and 37220-37235.
- Iliac angioplasty & stenting as well as angioplasty, stenting and atherectomy of the femoral-popliteal and tibioperoneal territories include catheter/device placement and S&I for the intervention(s) performed.

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Guidelines to Follow When Coding for Interventional Procedures

2. (Continued)

- For atherectomy procedures (open or percutaneous) <u>not</u> in the lower extremities, Category III codes exist. These codes (0234T–0238T) include RS&I, but <u>do not</u> include:
 - Vessel access
 - Catheter/device placement
 - · Embolic protection
 - Closure of access site
 - Other intervention(s) to treat same area or other site(s)

Anatomically, these codes and sites are:

0234T Renal artery

0235T Visceral artery, each vessel (not to be used for renal artery)

0236T Aorta

0237T Brachiocephalic trunk/branches (use for each vessel)

0238T Iliac artery (use for each vessel)

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Guidelines to Follow When Coding for Interventional Procedures

- Completion or follow-up angiography IS NOT separately billed following any type of angioplasty, atherectomy, thrombectomy or intravascular stenting procedures.
- 4. Follow-up angiography IS separately billed when performed with embolization or infusion therapy (thrombolytic or non-thrombolytic) procedures. (See current SIR language).

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>> Guidelines to Follow When Coding for Interventional Procedures

- 5. For lower extremity arterial atherectomy, stenting and angioplasty in 2011, there is now a coding hierarchy. There is also an anatomic breakdown of vascular territories. The 3 territories are:
 - 1. Iliac arteries
 - 2. Femoral-popliteal arteries
 - 3. Anterior tibial, posterior tibial and peroneal arteries

Interventions performed in these areas include:

- Vascular access
- Selective catheter/device placement
- RS&I
- Embolic protection
- Closure device placement
- Completion angiography

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Solution Structure Structures Structures

5. (Continued)

The hierarchy is (from highest valued to lowest valued):

- 1. Atherectomy and stent with or without angioplasty
- 2. Atherectomy with or without angioplasty
- 3. Stent with or without angioplasty
- 4. Angioplasty only
- Up to 3 interventions may be coded in the iliac (common, internal and external) or tibialperoneal (anterior tibial, posterior tibial and peroneal) territories.
- The tibial-peroneal trunk <u>is not</u> a separate vessel from an interventional perspective (Unless this is the **only vessel** treated in this territory **OR** if treated at same time as the ipsilateral anterior tibial artery).
- You will always have an "initial vessel" code choice for each separate territory treated.
- The code submitted is not based upon the "order" that the therapy was performed, but based upon the hierarchy.
- In the femoral-popliteal territory, only <u>ONE</u> interventional code may be submitted, regardless of the name/number of vessels treated.

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>> Guidelines to Follow When Coding for Interventional Procedures

- 6. Other than in the lower extremity arteries, angioplasty and stent charges may still be submitted PER VESSEL treated. Unchanged from previous years and regardless of the anatomic location:
 - Do not submit these codes multiple times for multiple lesions treated in the same vessel by the same type of intervention.
 - Do not code separately for angioplasty and stenting when angioplasty is done as routine pre- or post-dilation with stent placement.
 - Treatment of bridging or contiguous lesions may or may not (based upon physician documentation) be coded more than once. For lower extremity interventions, remember new vascular territories!
 - Other than lower extremity arterial lesions, it may be possible to submit both PTA
 and stent charges for a single lesion in a single vessel. To do this,
 documentation must support the reason for doing both studies. Most states now
 have an LCD that clearly defines the reason that coverage would be made for
 each.



Guidelines to Follow When Coding for Interventional Procedures

- 7. Embolization and infusion therapy codes are submitted once per operative field treated. Bilateral or separate site therapies are coded individually (i.e., think of open approach when in doubt).
- 8. Pressure measurements are not separately billed when performing PTA and intravascular stenting procedures.

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MEDLEARN® >> S&I and Surgical Coding: Arterial and Venous Interventional Procedures S&I Codes 75726 Diagnostic imaging of the IMA, SMA and right colic arteries***. 75726 Embolization of right colic with 75774 follow-up angio (all selective) 75894 75898 Surgical Codes 37204 36245 36246 *** Includes flush aortography

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S&I and Surgical Coding: Arterial and Venous Interventional Procedures

- Bilateral selective pelvic angiography, supraselective bilateral uterine artery angiography, bilateral uterine artery embolization, bilateral follow-up angios (via single or dual groin punctures)
- This is known as an *UAE* (Uterine Artery Embolization) or *UFE* (Uterine Fibroid Embolization)
- If selective angiography and embolization was performed was performed of the uterine artery(s) for a reason other than Uterine Fibroid treatment, this would be component coded as in the past.
- S&I Codes

N/A

Surgical Code

37210

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>> S&I and Surgical Coding: Arterial and Venous Interventional Procedures

- TIPS Initial placement
- Surgical Code 37182

■ TIPS - Revision

Surgical Code 37183

Includes: venous access, hepatic and portal vein catheterization, portography with pressure measurements, creation and dilation of tract, stent placement and any other imaging and / or guidance. If embolization is performed after TIPS has been performed (i.e., coronary vein), also assign 75894 and 37204 as well as 75898 as needed.

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S&I and Surgical Coding: Arterial and Venous Interventional Procedures

 Diagnostic translumbar aortogram via direct access into abdominal aorta with embolization of endoleak and follow-up angiogram

S&I Codes 75625 75894

75898

Surgical Codes 37204

36160

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>> Endograft Codes and Modifier Assignment

- Remember that modifiers may be associated with those procedures done in tandem with another physician (i.e., 34800, 34802, 34803, 34804, 34805, 34825, etc.).
- When assigning modifiers for this "joint" work, assign modifier -62. (Codes 34800 to 34832 are valid with modifier -62).
- Be certain to check local payment rules (i.e., LCDs) as well as Medicare information regarding which modifiers are acceptable / required.
- February 2002 *CPT Assistant* states that modifiers are not necessary when reporting Category III codes.





>> Endograft Codes and Modifier Assignment

Code 75952, 75953 and 75954:

- Includes fluoroscopic guidance of graft
- Includes angio of aorta prior to deployment of device
- Includes intra-procedural angios for placement and endoleak detection
- Includes run-off evaluation

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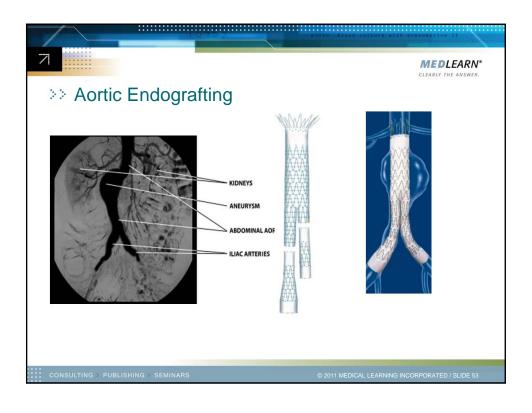
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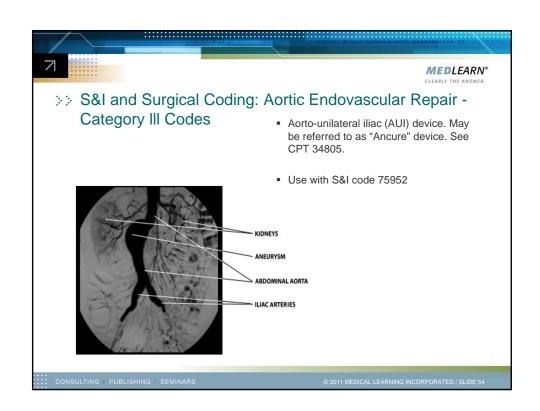


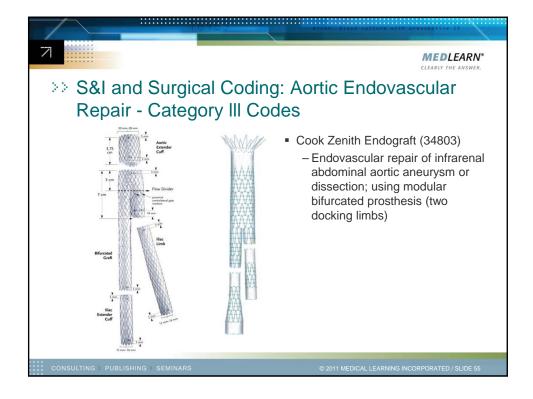
Aortic Endovascular Repair Services Not Included in AAA Graft Placement

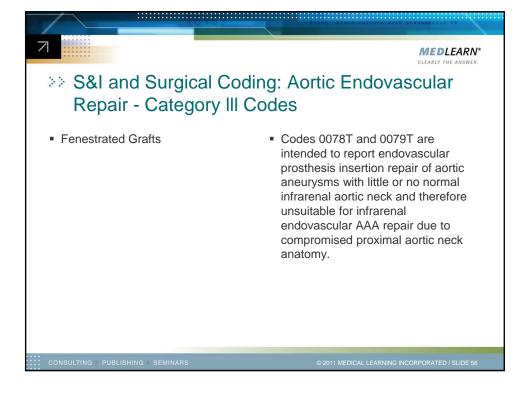
- Renal or iliac angioplasty or stent before deployment (outside of aneurysm target zone) of graft (75962-75964, 75966-68, 75960, 35471, 35473, 37205-06)
- Arterial embolization (75894, 37204)
- Intravascular ultrasound (75945-46, 37250-51)
- Pre-operative diagnostic angiograms / run-off (codes vary as appropriate)

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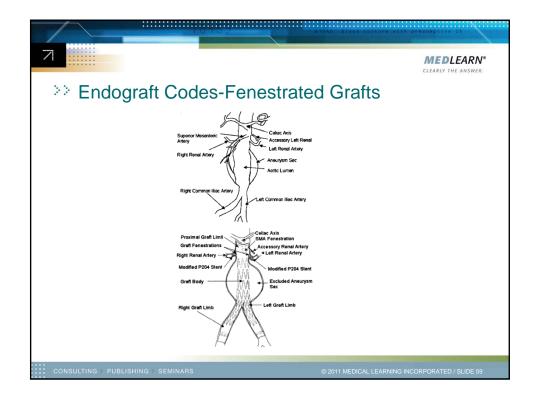


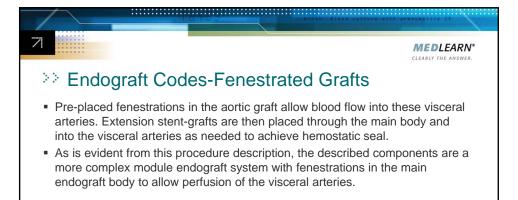




Endograft Codes-Fenestrated Grafts

- Prior to this, endovascular infrarenal aortic aneurysm repair using the available devices required a 10-15 mm segment of relatively straight, minimally diseased, normal diameter aortic neck aorta below the renal artery origins.
- Fenestrated aortic endograft for treatment of abdominal aortic aneurysms (AAA) involving the visceral arteries is accomplished by deploying the proximal end of the stent-graft across the renal artery origins, and variably across the superior mesenteric and celiac origins.









Endograft Codes-Fenestrated Grafts

CPT Descriptor

0078T

Endovascular repair of abdominal aortic aneurysm, pseudoaneurysm or dissection, abdominal aorta involving visceral vessels (superior mesenteric, celiac or renal), using fenestrated modular bifurcated prosthesis (two docking limbs)

+0079T Placement of visceral extension prosthesis for endovascular repair of abdominal aortic aneurysm involving visceral vessels, each visceral branch (list separately in addition to code for primary procedure)

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Endograft Codes-Fenestrated Grafts

CPT Descriptor

T0800

Endovascular repair of abdominal aortic aneurysm, pseudoaneurysm or dissection, abdominal aorta involving visceral vessels (superior mesenteric, celiac or renal), using fenestrated modular bifurcated prosthesis (two docking limbs), radiological supervision and interpretation

+0081T Placement of visceral extension prosthesis for endovascular repair of abdominal aortic aneurysm involving visceral vessels, each visceral branch, radiological supervision and interpretation (list separately in addition to code for primary procedure)

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S&I and Surgical Coding: Aortic Endovascular Repair Procedures

- The following examples provide CPT codes which should be submitted as if billed by a single provider.
- If multiple providers are involved, where valid, modify the tandem procedures as appropriate.
- Hospitals billing for these services DO NOT have to modify based upon multiple providers.

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>> New 2011 Category III Code Options

- CPT 2011 added the following choices:

Endovascular repair of iliac artery bifurcation (eg, aneurysm, pseudoaneurysm, arteriovenous malformation, trauma) using bifurcated endoprosthesis from the common iliac artery into both the external and internal iliac artery, unilateral;

-0255T

-0254T

Endovascular repair of iliac artery bifurcation (eg, aneurysm, pseudoaneurysm, arteriovenous malformation, trauma) using bifurcated endoprosthesis from the common iliac artery into both the external and internal iliac artery, unilateral; radiological supervision and interpretation

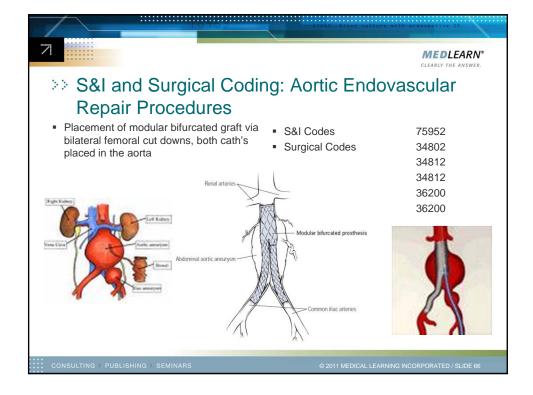
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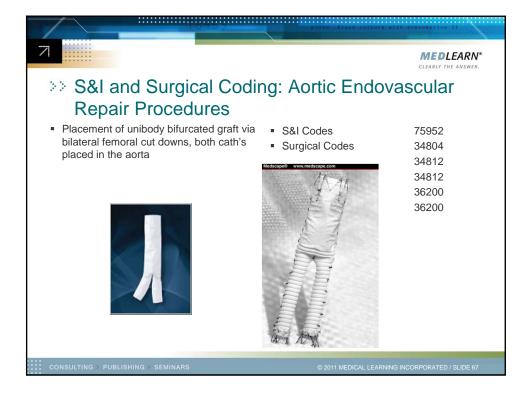


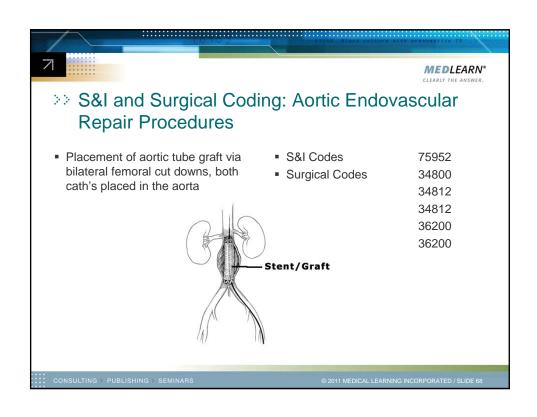
>> New 2011 Category III Code Options

- Category III codes allow assignment of codes for femoral dissection (i.e., 34812) as well as any non-selective/selective catheter/device placements (36140, 26200, 36245-36247)
- AAA interventions may be coded in addition to codes 0254T and 0255T when performed at the same clinical session

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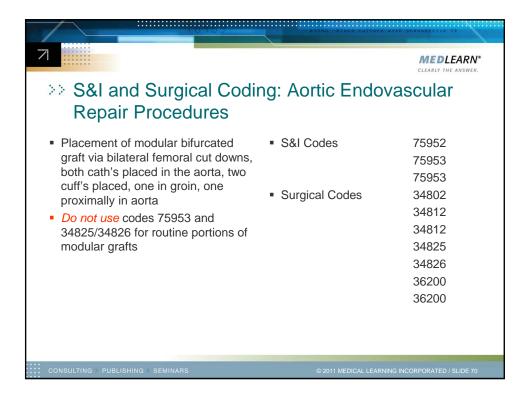






MEDLEARN* >> S&I and Surgical Coding: Aortic Endovascular **Repair Procedures** Placement of modular bifurcated S&I Codes 75952 graft via bilateral femoral cut downs, 75953 both cath's placed in the aorta, cuff Surgical Codes 34802 placed in one-side to treat endoleak 34812 Do not use codes 75953 and 34812 34825/34826 for routine portions of 34825 modular grafts 36200 36200

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