

## CURRICULUM: INVASIVE CARDIOLOGY

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### GOAL

This curriculum prepares users to accurately assign procedure codes for commonly encountered invasive cardiology services.

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### OBJECTIVES

1. Review coding guidelines associated with invasive cardiology procedures.
  2. Provide in-depth explanations for the most frequently encountered invasive cardiology procedures.
  3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.
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### ABSTRACT:

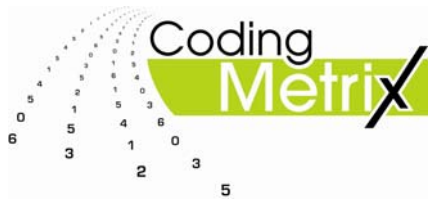
The Invasive Cardiology Curriculum is a comprehensive training program that provides users with in-depth information on the most frequently performed invasive cardiology procedures. The curriculum begins with the Diagnostic Cardiac Catheterization and Percutaneous Coronary Interventions courses. These courses cover the coding guidelines for traditional diagnostic and therapeutic interventional cardiology procedures. Cardiac anatomy and procedure techniques are also explained.

The Curriculum continues with coverage of peripheral angiography and peripheral transcatheter procedures, including angioplasty, stent placement, and others. Finally, combined cardiac and peripheral procedures are reviewed in detail, including heart catheterization with renal or lower extremity angiography or interventions.

All of the courses contain state of the art graphics, examples, and multiple choice exercises. Actual case studies are utilized to instruct and reinforce the user's learning experience.

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**COURSE: Diagnostic Cardiac Catheterization  
(IVC1)**

**CURRICULUM: INVASIVE CARDIOLOGY**

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## **GOAL**

This course prepares users to accurately assign procedure codes for diagnostic cardiac catheterization.

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## **OBJECTIVES**

1. Review cardiac anatomy and procedure techniques for diagnostic cardiac catheterization.
  2. Discuss and apply procedure coding guidelines for diagnostic cardiac catheterization.
  3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.
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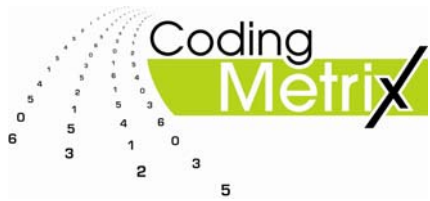
## **ABSTRACT:**

The Diagnostic Cardiac Catheterization course is the first course in the Invasive Cardiology Curriculum. This course is a comprehensive training program that provides users with in-depth information on procedure coding for diagnostic cardiac catheterization, including right heart catheterization, left heart catheterization, combined right and left heart catheterization, coronary artery catheterization without heart catheterization, and heart catheterization for congenital heart disease. Procedure techniques are explained, coding guidelines are discussed in detail, and associated documentation and reimbursement issues are also reviewed.

All of the modules contain advanced graphics, examples, and multiple choice exercises. Actual case studies are utilized to instruct and reinforce the user's learning experience. At the completion of the course material, the user will complete a scored assessment that tests the key learning points of the course.

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**COURSE: Percutaneous Coronary Interventions  
(IVC2)**  
**CURRICULUM: INVASIVE CARDIOLOGY**

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## GOAL

This course prepares users to accurately assign procedure codes for percutaneous coronary interventions and other percutaneous heart procedures.

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## OBJECTIVES

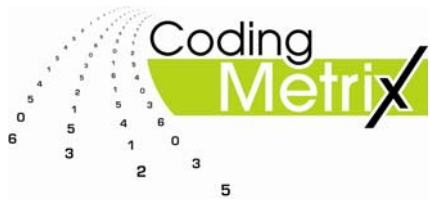
1. Review procedure coding guidelines for percutaneous coronary interventions and other percutaneous heart procedures.
2. Explain procedure technique, documentation concerns, and reimbursement issues, including bundling and modifier use.
3. Ensure understanding and retention through examples, multiple-choice exercises and actual case studies.

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## ABSTRACT:

The Percutaneous Coronary Interventions course is the second course in the Invasive Cardiology Curriculum. This course covers a variety of percutaneous therapeutic heart procedures, including coronary angioplasty, stenting, atherectomy, thrombectomy, and thrombolysis, as well as intra-aortic balloon pumps, transcatheter closure of septal defects, and ventricular assist devices. Procedure techniques are explained, coding guidelines are discussed in-depth, and documentation and reimbursement issues are also reviewed, including bundling and modifier use. State-of-the-art images are used to provide the user with visual aids to ensure comprehension.

All of the modules contain advanced graphics, examples, and multiple choice exercises. Actual case studies are utilized to instruct and reinforce the user's learning experience. At the completion of the course material, the user will complete a scored assessment that tests the key learning points of the course.



**COURSE: Peripheral Angiography (IVC3)**

**CURRICULUM: INVASIVE CARDIOLOGY**

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## **GOAL**

This course prepares users to accurately assign procedure codes for peripheral arteriograms performed by cardiologists.

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## **OBJECTIVES**

1. Review vascular anatomy and procedure techniques relevant to peripheral angiograms performed by cardiologists.
2. Discuss and apply coding guidelines for the surgical and imaging components of peripheral angiograms.
3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

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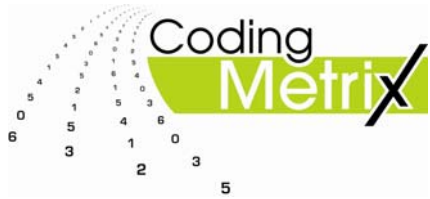
## **ABSTRACT:**

The Peripheral Angiography course is the third course in the Invasive Cardiology Curriculum. This course is designed to introduce users to the types of peripheral angiography commonly performed by cardiologists. Vascular anatomy and procedure techniques are explained. Coding guidelines for the surgical component and imaging components of the arteriogram are reviewed in detail. Specific billing and reimbursement concerns are also discussed, including bundling, use of modifiers, and documentation.

All of the modules contain examples, multiple choice exercises and actual case studies that are utilized to instruct and reinforce the user's learning experience. At the completion of the course material, the user will receive a scored assessment that tests the key learning points of the course.

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**COURSE:** Peripheral Interventions (IVC4)

**CURRICULUM:** Invasive Cardiology

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## **GOAL**

This course prepares users to accurately assign surgical and imaging component codes for peripheral transcatheter procedures commonly performed by cardiologists.

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## **OBJECTIVES**

1. Explain procedure techniques and discuss and apply coding guidelines for peripheral transcatheter interventions performed by cardiologists.
  2. Identify and apply the criteria for billing for a diagnostic angiogram in conjunction with a transcatheter procedure.
  3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.
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## **ABSTRACT:**

The Peripheral Interventions course introduces the user to the peripheral transcatheter interventions most commonly performed by cardiologists. These include angioplasty, stent placement, atherectomy, embolization, transcatheter infusion, and thrombectomy. Procedure techniques are explained. Coding guidelines are discussed in detail, including the criteria for coding a diagnostic arteriogram together with a transcatheter procedure. Bundling and modifier use are also discussed.

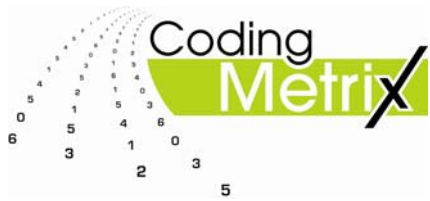
All of the modules contain examples, multiple choice exercises and actual case studies that are utilized to instruct and reinforce the user's learning experience. At the completion of the course material, the user will receive a scored assessment that tests the key learning points of the course.

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**COURSE: Peripheral Procedures with Heart Catheterization (IVC5)**

**CURRICULUM: Invasive Cardiology**

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## **GOAL**

This course prepares users to accurately assign procedure codes for peripheral angiograms and interventions performed in conjunction with heart catheterization.

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## **OBJECTIVES**

1. Review and apply coding guidelines for selective and non-selective peripheral angiograms and transcatheter procedures performed together with heart catheterization.
2. Discuss bundling guidelines, modifier use, and coverage issues related to peripheral procedures performed together with heart catheterization.
3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

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## **ABSTRACT:**

The Peripheral Procedures with Heart Catheterization course prepares the user to assign procedure codes for peripheral angiograms and transcatheter interventions performed during the same encounter as heart catheterization. Code assignment for these cases is especially complex due to medical necessity issues, bundling edits, and special Medicare coding requirements.

This course is intended for users with prior training in coding peripheral angiograms and interventions. Users should complete the Coding Metrix Peripheral Angiography and Peripheral Interventions courses, or the equivalent, before beginning this course.

This course contains examples, multiple choice exercises and actual case studies to instruct and reinforce the user's learning experience. At the completion of the course material, the user will receive a scored assessment that tests the key learning points.

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