

CURRICULUM: INVASIVE CARDIOLOGY

GOAL

The goal of this curriculum is to prepare individuals to accurately assign procedure codes for the most frequently encountered invasive cardiology services.

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. Each Course targets a specific area that requires proficiency to ensure accurate procedure coding. The user 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 is reviewed in detail, and procedure techniques are explained.

The Curriculum continues with coverage of peripheral percutaneous procedures frequently performed by cardiologists, including angiography and transcatheter therapeutic procedures (angioplasty, stent placement, etc.). Finally, combined cardiac and peripheral procedures are reviewed in detail, including heart catheterization with renal or lower extremity angiography or interventions.

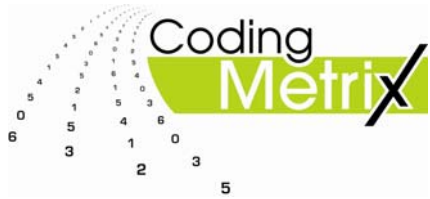
All of the courses contain state of the art graphics, examples, and multiple choice exercises. Actual case studies are utilized to instruct and reinforce the user's learning experience.

ADDRESS | 5041 Dallas Hwy., Ste. 606, Powder Springs, GA 30127

PHONE | 877.8.METRIX

WEB | codingmetrix.com

FAX | 866.485.1189



COURSE: Diagnostic Cardiac Catheterization
CURRICULUM: INVASIVE CARDIOLOGY

- I. Overview
- II. Cardiac Anatomy
- III. Coding Guidelines
- IV. Right Heart Catheterization
- V. Left Heart Catheterization
- VI. Combined Heart Catheterization
- VII. Coronary Artery Catheterization
- VIII. Congenital Heart Disease
- IX. Injection Procedures
- X. Imaging Supervision & Interpretation
- XI. Related Services
- XII. Assessment

GOAL

The goal of this course is to prepare individuals to accurately assign procedure codes for the most frequently encountered types of diagnostic cardiac catheterization.

OBJECTIVES

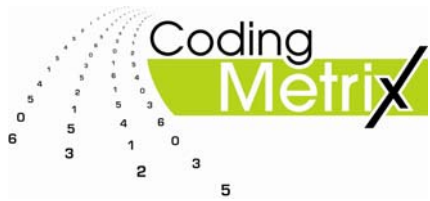
- 1. Review coding guidelines associated with assignment of procedure codes for diagnostic cardiac catheterization.
- 2. Provide in-depth explanations for the most frequently encountered types of diagnostic heart catheterization.
- 3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

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 the most frequently performed types of diagnostic cardiac catheterization.

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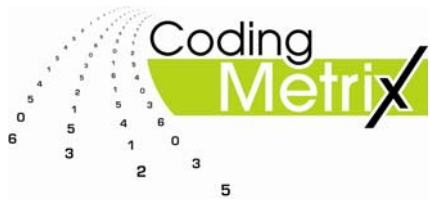
The course begins with an overview of cardiac anatomy, followed by an in-depth discussion of coding guidelines for diagnostic heart cath. Each type of heart cath procedure is then discussed, including right heart catheterization, left heart catheterization, combined left-right heart catheterization, coronary artery catheterization without heart cath, and catheterization for congenital heart disease. State-of-the-art images are used to provide the user with visual aids to ensure comprehension. Ancillary diagnostic services are also discussed, including coronary intravascular ultrasound, coronary flow reserve measurement, and endocardial biopsy.

The course is sub-divided into distinct modules to assist with time management and course completion. The specific modules for this course are: Right Heart Catheterization, Left Heart Catheterization, Combined Heart Catheterization, Coronary Artery Catheterization, Congenital Heart Disease, Injection Procedures, Imaging Supervision & Interpretation, Other Procedures, Intravascular Ultrasound – Coronary and Coronary Flow Measurement.

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
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- I. Overview
- II. Coding Guidelines
- III. Coronary Angioplasty, Stenting, and Atherectomy
- IV. Other Percutaneous Coronary Procedures
- V. Other Percutaneous Heart Procedures
- VI. Assessment

GOAL

The goal of this course is to prepare individuals to accurately assign procedure codes for the most frequently encountered types of percutaneous coronary interventions and other percutaneous heart procedures.

OBJECTIVES

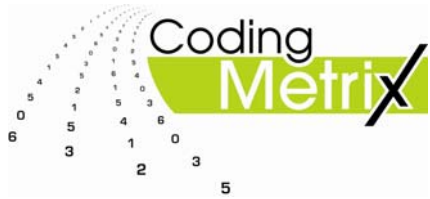
1. Review coding guidelines associated with assignment of procedure codes for percutaneous cardiac interventions.
2. Provide in-depth explanations for the most frequently encountered types of percutaneous cardiac interventions.
3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

ABSTRACT:

The Percutaneous Coronary Interventions course is the second course in the Invasive Cardiology Curriculum. This course is a comprehensive training program that provides users with in-depth information on the most frequently performed types of percutaneous coronary interventions and other percutaneous cardiac procedures.

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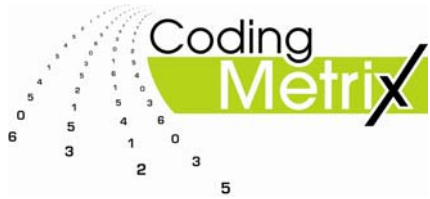
The course begins with a summary of coding guidelines for percutaneous coronary interventions, and these guidelines will be reiterated in the subsequent modules. Individual therapeutic techniques are then discussed, including coronary artery angioplasty, stenting, atherectomy, thrombectomy, thrombolysis, and intravascular brachytherapy. Other percutaneous cardiac procedures are also discussed, including intra-aortic balloon pumps and transcatheter closure of septal defects. State-of-the-art images are used to provide the user with visual aids to ensure comprehension.

The course is sub-divided into distinct modules to assist with time management and course completion. The specific modules for this course are: Coding Guidelines; Coronary Angioplasty, Stenting, and Atherectomy; Other Percutaneous Coronary Procedures; and Other Percutaneous Cardiac Procedures.

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: Peripheral Angiography
CURRICULUM: INVASIVE CARDIOLOGY

- I. Overview
- II. General Definitions
- III. Arterial Catheter Placement Codes
- IV. Aortic Arch, Head and Neck
- V. Catheterization Coding Guidelines
- VI. Upper Extremity
- VII. Thoracic Aorta
- VIII. Abdominal Aorta
- IX. Lower Extremities
- X. Pelvis
- XI. Assessment

GOAL

The goal of this course is to prepare individuals to accurately assign procedure codes for the most frequently encountered types of peripheral angiograms performed by cardiologists.

OBJECTIVES

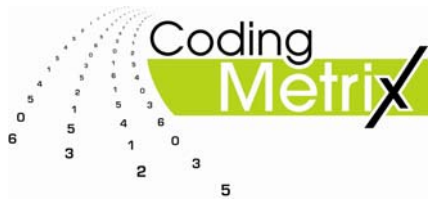
1. Review coding guidelines associated with assigning surgical and radiological supervision and interpretation components of peripheral angiography.
2. Provide in-depth explanations for the most frequently encountered types of peripheral angiography.
3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

ABSTRACT:

The Peripheral Angiography course is the third course in the Invasive Cardiology Curriculum. This course is a comprehensive training program that provides users with in-depth information on the types of peripheral angiograms most frequently performed by cardiologists.

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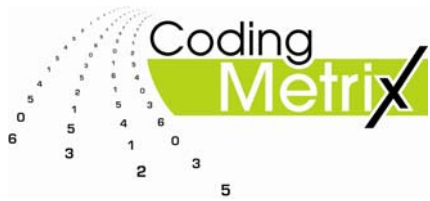


The specific modules of this course are: General Definitions, Arterial Catheter Placement Codes, Aortic Arch, Head and Neck, Catheterization Coding Guidelines, Upper Extremity, Thoracic Aorta, Abdominal Aorta, Lower Extremities and Pelvis.

The key areas contained within each module address the most frequently performed types of angiograms with easy to understand graphics and instructions. 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

CURRICULUM: Invasive Cardiology

- I. Overview
- II. Peripheral Interventions
- III. Angioplasty
- IV. Stent Placement
- V. Atherectomy
- VI. Embolization and Infusion
- VII. Thrombectomy
- VIII. Assessment

GOAL

The goal of this course is to prepare individuals to accurately assign surgical and imaging codes for peripheral transcatheter interventions frequently performed by cardiologists.

OBJECTIVES

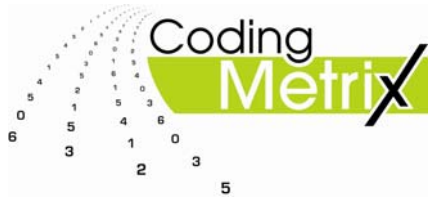
1. Review coding guidelines associated with assignment of procedure codes for peripheral transcatheter interventions.
2. Provide in-depth explanations for the most frequently encountered types of peripheral transcatheter interventions including peripheral angioplasty, atherectomy, stent placement, embolization, transcatheter infusion, and thrombectomy.
3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

ABSTRACT:

The Peripheral Interventions course introduces the coder to the most common peripheral transcatheter interventions performed by cardiologists, including angioplasty, stents, atherectomy, embolization, transcatheter infusion, and thrombectomy. This course is a comprehensive training program that provides users with in-depth information on the most frequently performed types of peripheral vascular procedures.

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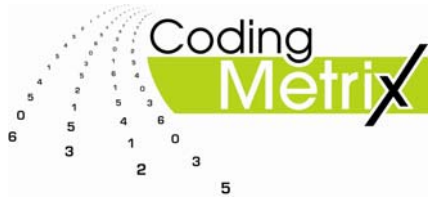


The specific modules of this course are: Peripheral Interventions, Angioplasty, Stent Placement, Atherectomy, Emolization and Infusion, and Thrombectomy.

The key areas contained within each module address the most frequently performed procedures with easy to understand graphics and instructions. 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

CURRICULUM: Invasive Cardiology

- I. Overview
- II. Medical Necessity
- III. Selective Angiography
- IV. Non-Selective Angiography
- V. Peripheral Interventions with Heart Catheterization
- VI. Assessment

GOAL

The goal of this course is to prepare individuals to accurately assign surgical and imaging codes for peripheral procedures with heart catheterization.

OBJECTIVES

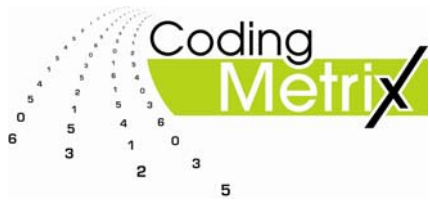
1. Review coding guidelines and associated procedure codes for peripheral procedures with heart catheterization.
2. Provide in-depth explanations for the most frequently encountered types of peripheral procedures with heart catheterization including selective angiography, non-selective angiography and peripheral interventions.
3. Ensure understanding and retention through examples, multi-choice exercises and actual case studies.

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.

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The specific modules of this course are: Medical Necessity, Selective Angiography, Nonselective Angiography, and Peripheral Interventions with Heart Catheterization.

The key areas contained within each module address the most frequently performed procedures with easy to understand graphics and instructions. 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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