

## CARDIAC CATHETERIZATION CODING

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This material is provided to assist in education for coders. Every attempt has been made to ensure that accurate information is presented. Government regulations, as with coding can be ever-changing. There is no assurance that guidance will not/has not changed.

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## AGENDA

1. Cardiac Catheterization's defined
2. Major changes made in 2011
3. Steps to correctly coding for cardiac catheterization procedures

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**MEDICAL CODING**

Accurate medical coding provides a clear picture of:

1. What prompted the patient encounter?
2. What occurred during the patient encounter?

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**CARDIAC CATHETERIZATION**

**93451 – 93568**

- ☐ Invasive diagnostic medical procedure
- ☐ The physician inserts a catheter percutaneously and manipulates it into the coronary vessels and/or heart
- ☐ Circulation and movement

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**INDICATIONS**

- ☐ **Must be clearly documented in the record**

**\*\* Refer to LCD handout**

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**INDICATIONS**

Cardiac catheterizations can indicate:

- ☐ Valve disorders
- ☐ Abnormal blood flow
- ☐ Variety of cardiac output abnormalities

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**PROFESSIONAL SERVICES**

- ☐ Private physician
- ☐ Procedure performed in hospital's cath lab
- ☐ Technical vs. Professional vs. Global coding

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**ACCESS FOR CARDIAC CATH**

- ☐ Patient's condition
- ☐ Physician's preference

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**BUNDLING RULES**

- ☐ Introduction
- ☐ Positioning/Repositioning
- ☐ Recording of pressures inside the heart or vessels
- ☐ Taking blood samples
- ☐ Rest/exercise studies
- ☐ Final evaluation
- ☐ Final report

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**CARDIAC CATHETERIZATION: COMPONENT CODING****Component Coding**

- ☐ Identify each part of the service
- ☐ Identify who performed that service
- ☐ Code each service provided accordingly

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**CARDIAC CATHETERIZATION: COMPONENT CODING****Components of cardiac cath coding:**

- ☐ Catheter placement
- ☐ Injection
- ☐ Imaging interpretation & report

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# LEFT HEART CATH WITH LEFT ATRIAL/VENTRICULAR ANGIOGRAPHY AND CORONARY ANGIOGRAPHY

2010 REPORTING

2011 REPORTING

93510-26

93458-26

93543

93545

93555-26

93556-26

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## CARDIAC CATHETERIZATION: COMPONENT CODING

Example:

Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation with right heart catheterization

All would be reported with CPT 93456

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## CARDIAC CATHETERIZATION: COMPONENT CODING

Example:

Combined right heart catheterization and retrograde left heart catheterization, for congenital cardiac anomalies.

Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective coronary angiography during congenital heart catheterization

Report: CPT 93531 and 93563

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**INJECTION CODES****❑ Injection codes 93563, 93564, and 93565**

- ❑ Only reported with cardiac cath codes 93530 – 93533
- ❑ Includes the imaging
- ❑ Do not report with **93452 - 93461**

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**93563**

**Injection** procedure during cardiac catheterization including **imaging** supervision, interpretation, and report; **for selective coronary angiography during congenital heart catheterization** (List separately in addition to code for primary procedure)

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**93564**

**Injection** procedure during cardiac catheterization including **imaging** supervision, interpretation, and report; **for selective opacification of aortocoronary venous or arterial bypass graft(s)** (eg, aortocoronary saphenous vein, free radial artery, or free mammary artery graft) to one or more coronary arteries and in situ arterial conduits (eg, internal mammary whether native or used for bypass to one or more coronary arteries during congenital heart catheterization, when performed (List separately in addition to code for primary procedure)

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**93565**

**Injection** procedure during cardiac catheterization including **imaging** supervision, interpretation, and report;  
**for selective left ventricular or left atrial angiography** (List separately in addition to code for primary procedure)

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**INJECTION CODES****❑ Injection codes 93566-93568**

- ❑ Assigned with cardiac cath codes
- ❑ Includes the imaging
- ❑ Use in conjunction with 93530 – 93533, 93451-93461

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**93566**

**Injection** procedure during cardiac catheterization including **imaging** supervision, interpretation, and report;  
**for selective right ventricular or right atrial angiography** (List separately in addition to code for primary procedure)

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## 93567

**Injection** procedure during cardiac catheterization including **imaging** supervision, interpretation, and report;  
**for supraaortic aortography** (List separately in addition to code for primary procedure)

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## 93568

**Injection** procedure during cardiac catheterization including **imaging** supervision, interpretation, and report;  
**for pulmonary angiography** (List separately in addition to code for primary procedure)

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## CASE STUDY ONE

**PREOPERATIVE DIAGNOSIS:** Chest pain. Abnormal nuclear stress test

**POSTOPERATIVE DIAGNOSIS:** Coronary Artery Disease

**PROCEDURES:** Left heart catheterization. Left ventriculogram. Coronary angiography via the right femoral artery.

**How would you code this??**

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**CASE STUDY ONE**

Catheterization

→ Cardiac

→ Left Heart

→ with Ventriculography (93452, 93458-93459, 93565)

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**CASE STUDY ONE**

Catheterization

→ Cardiac

→ Left Heart

→ with Ventriculography (93452, 93458-93459, 93565)

93458: Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;

with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed

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**CASE STUDY TWO**

**PROCEDURES:** Left heart catheterization. Coronary angiography. Left ventriculography. Saphenous vein graft angiography. Left internal mammary graft angiography

**PREOPERATIVE DIAGNOSIS:** Chest pain. Cad s/p CABG four years ago

**POSTOPERATIVE DIAGNOSIS:** CAD of native artery and bypass graft

How would you code this??

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## CASE STUDY TWO

Catheterization

→ Cardiac

→ Left Heart

→ with Ventriculography (93452, 93458-93459, 93565)

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## CASE STUDY TWO

Catheterization

→ Cardiac

→ Left Heart

→ with Ventriculography (93452, 93458-93459, 93565)

93459: Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;

with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography

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## CASE STUDY THREE

PREOPERATIVE DIAGNOSIS: 20 day old infant with cardiomegaly

POSTOPERATIVE DIAGNOSIS: 20 day old infant with cardiomegaly

PROCEDURES: Combined Right & retrograde left heart cath. Supravalvular aortography, pulmonary angiography, coronary angiography, selective left ventricular angiography, selective right ventricular angiography

How would you code this??

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**CASE STUDY THREE**

- ☐ Combined Right & retrograde left heart cath for congenital anomalies  
☐ 93531
- ☐ Injection procedure for Supravalvular aortography during congenital heart cath  
☐ 93567
- ☐ Injection procedure for pulmonary angiography  
☐ 93568
- ☐ Injection procedure for coronary angiography during congenital heart cath  
☐ 93563
- ☐ Injection procedure for selective left ventricular angiography  
☐ 93565
- ☐ Injection procedure for selective right ventricular angiography  
☐ 93566

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**IMPORTANT NOTE: CATHS FOR CONGENITAL HEART DISEASE**

*"There is no standard method to catheterize patients with congenital heart disease. If the physician selectively catheterizes other vessels (venous/arterial) in addition to common catheter routes for cardiac catheterization, then additionally report selective cath codes (36000-36248) and/or their radiologic supervision and interpretation codes."*

CPT Assistant, April 1998

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**USEFUL INFORMATION**

Non-selective renal angiography at time of cardiac cath, with catheter tip at or near the renal arteries (not in the renal artery) should be reported with G0275

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### USEFUL INFORMATION

"Selective" renal angiograms performed at the time of cardiac catheterizations must meet requirements of medical necessity. Please refer to strict guidelines from your payer.

\* Refer to LCD handout

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### QUESTIONS

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### CONTACT INFORMATION

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