

Percutaneous treatment of catheter-induced dissection of the right coronary artery and right coronary sinus of Valsalva and ascending aorta up to aortic arch

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Acute aortic dissection during coronary arteriography or percutaneous coronary intervention is quite rare, but potentially dangerous complication. In recent years, some reports have shown that stenting the ostium of the coronary artery (right coronary or left main artery) can be a valid, possibly life-saving therapeutic option. We describe a case in which a right coronary artery (RCA) dissection occurred during diagnostic coronary angiography and extended beyond the coronary ostium into the ascending aorta. Sealing of the aortic dissection and rescue of the RCA with stabilization of the patient was possible with rapid stenting of the right coronary ostium.

Key words: dissection of right coronary artery, aortic dissection, PCI