

Contrast-induced nephropathy following percutaneous coronary intervention: case report

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Abstract

Angiography and percutaneous coronary and other vascular interventions are crucial for the diagnosis and treatment of vascular lesions, with a positive impact on patients' quality of life and prognosis.

However, the use of intravascular contrast agents is the third leading cause of acute renal failure, accounting for considerable morbidity and mortality.

The authors describe the case of a diabetic patient with no significant prior renal disease who developed severe oliguric acute renal failure requiring dialysis after the use of contrast for a percutaneous coronary intervention. The impact, risk factors and prophylaxis of contrast-induced nephropathy are reviewed.

Keywords

Contrast-induced nephropathy; Acute renal failure; Coronary angiography.