

Coronary Angiography

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Abstract

Angiography or is a scientific technique used for the purpose of medical imaging to visualize and analyze the lumen of blood vessels, arteries, veins, and the heart chambers. It help for the detection and quantification of coronary artery disease, identification and other structural abnormalities, and measurement of hemodynamic parameters.

Keywords: Angiography • Atherosclerotic • Hemorrhage

Introduction

Coronary angiography is the gold standard test for identifying the presence and extent of atherosclerotic Coronary Artery Disease (CAD). It may be important to diagnose various medical conditions. It also presents an opportunity to intervene and treat blockages and other abnormalities, especially those that affect the heart and brain. Fortunately, the associated risks have decreased significantly since the inception of coronary arteriography due to advanced equipment design.

Angiography is useful to locate blockages in the lung, heart, brain, and other smaller blood vessels it may also be useful to find sites of internal bleeding, called hemorrhage, and aneurysms abnormal dilation of blood vessels, which may cause major health problems.

Adverse reactions Allergic local and systemic reactions to local anesthesia are extremely rare. Most problems generally arise with

older and other symptomatic problem. Reactions are generally dermatologic or vagal, and are rarely anaphylactic. Other problems are Reduction in arterial blood pressure, hypoglycaemia and respiratory insufficiency.

Conclusion

Advances in medical management and equipment design have added further significant reductions in contraindication and other complications. Coronary angiography has the potential to reduce the morbidity and overcome the adverse effects. The widespread use and availability of angiography will likely fuel further advances in percutaneous modalities that may increase patient comfort.

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