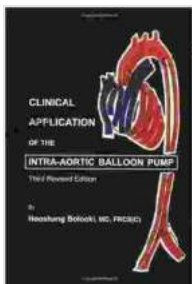


Clinical Application of Intra-Aortic Balloon Pump

The intra-aortic balloon pump (IABP) is a mechanical circulatory support device that is used to improve cardiac output in patients with hemodynamic instability. It is a temporary measure that can be used to bridge patients to recovery or to more definitive therapy.

Indications

The IABP is indicated for use in patients with:



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by Hooshang Bolooki

★★★★★ 5 out of 5

Language : English

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Item Weight : 2.08 ounces

Dimensions : 5.06 x 0.12 x 7.81 inches



* Acute myocardial infarction (AMI) with cardiogenic shock * Unstable angina * Severe left ventricular dysfunction * Right ventricular infarction * Cardiac tamponade * Aortic dissection

Contraindications

The IABP is contraindicated in patients with:

* Severe aortic stenosis * Aortic dissection with impending rupture * Active bleeding * Uncontrolled hypertension * Severe peripheral vascular disease

Complications

The IABP can be associated with a number of complications, including:

* Bleeding * Infection * Limb ischemia * Renal failure * Stroke * Death

Nursing Care Considerations

Nurses play a vital role in the care of patients with IABPs. They should be familiar with the indications, contraindications, and complications of IABP therapy. They should also be able to provide skilled nursing care to patients with IABPs, including:

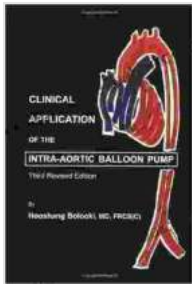
* Monitoring vital signs * Assessing for complications * Providing wound care * Administering medications * Educating patients and families

The IABP is a valuable tool for the treatment of patients with hemodynamic instability. It is a temporary measure that can be used to bridge patients to recovery or to more definitive therapy. Nurses play a vital role in the care of patients with IABPs, and they should be familiar with the indications, contraindications, complications, and nursing care considerations associated with IABP therapy.

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