Coronary Artery Bypass Surgery: Conventional vs. Beating Heart Fact Sheet

Coronary Artery Bypass (CABG) Surgery: Conventional vs. Beating Heart

Coronary artery bypass grafting surgery gives beneficial results to patients with coronary heart disease by restoring adequate blood flow and normal delivery of oxygen and nutrients to the heart. Bypass surgery reroutes the blood around a blockage in the coronary artery, creating an alternate pathway for blood to deliver important nutrients and oxygen to the heart muscle. The two main types of bypass surgery, conventional (arrested heart) and Beating Heart, are different in their approaches, as outlined below.

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*On occasion a surgeon may convert to use of the heart-lung machine during the procedure if for some reason the patient's condition becomes unstable unexpectedly.


Medtronic, Inc. 2013