

Title (en)  
METHODS AND APPARATUS FOR TRANSMYOCARDIAL DIRECT CORONARY REVASCULARIZATION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR TRANSMYOKARDIALEN DIREKTEN KORONÄREN REVASCULARISATION

Title (fr)  
PROCEDES ET DISPOSITIFS DE REVASCULARISATION TRANSMYOCARDIQUE CORONARIENNE DIRECTE

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Application  
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Abstract (en)  
[origin: WO9808456A1] This invention is methods and apparatus for direct coronary revascularization wherein a transmymocardial passageway (10) is formed between a chamber of the heart (LV) and a coronary blood vessel (CBV) to permit blood to flow therebetween. In some embodiments, the transmymocardial passageway (10) is formed between a chamber of the heart (LV) and a coronary vein (CV). The invention includes unstent transmymocardial passageways (10), as well as transmymocardial passageways (10) wherein protrusive stent devices (90) extend from the transmymocardial passageway (10) into an adjacent coronary vessel (CBV) or chamber of the heart (LV). The apparatus of the present invention includes protrusive stent devices (90) for stent of transmymocardial passageways (10), intraluminal valve devices (40) for valving of transmymocardial passageways (10), intra-cardiac valve devices (80) for valving of transmymocardial passageways (10), endogenous tissue valves (50) for valving of transmymocardial passageways (10), and ancillary apparatus for use in conjunction therewith.

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