

ABSTRACT

A device, a kit and a method are presented for permanently augmenting the pump function of the left heart. The basis for the presented innovation is an augmentation of the physiologically up and down movement of the mitral valve during each heart cycle. By means of catheter technique, minimal surgery, or open heart surgery implants are inserted into the left ventricle, the mitral valve annulus, the left atrium and adjacent tissue in order to augment the natural up and down movement of the mitral valve and thereby increasing the left ventricular diastolic filling and the piston effect of the closed mitral valve when moving towards the apex of said heart in systole and/or away from said apex in diastole.

Figure to be published with the abstract: Fig. 10a



162162



G00002