

EVALUATION OF A DELIVERY SYSTEM TO CREATE A SHUNT BY DEPLOYMENT OF AN INTER-ATRIAL SHUNT DEVICE

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ABSTRACT

Research in the present study involves delivering of an inter-atrial shunt implant (IASI) into the heart to prevent heart failure patients. An objective of delivering shunt implant in the septal wall of atria is to directly reduce left atrial elevated blood pressure, improve exercise tolerance as well as potentially improve clinical outcomes and prevent heart failure. Hence, in order to deliver a shunt implant, unique loading tools and delivery mechanism are utilized to load and effectively deploy the shunt implant the treatment site with a controlled manner.

Keywords: Inter-Atrial Shunt Implant (Iasi), Left Atrial Pressure, Heart Failure.

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