

CASE STUDY: 30mm ASD Device Closure

ultrasept

Atrial Septal Defect
Closure Device

Our Thanks to:

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A 56 year-old female patient was referred to our department for percutaneous closure of her Ostium Secundum ASD. The procedure was done under local anesthesia; light sedation was used for TEE control. Access was gained through the right femoral vein.

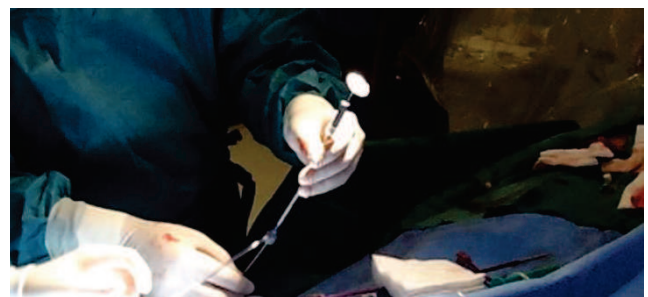
TEE measurement of the ASD showed a diameter of 19mm. Balloon sizing showed the ASD to be 26.5mm with deficient aortic and posterior rims. An *ultrasept* (Cardia, Inc. Eagan, MN, USA) 30mm device was advanced through a 13F sheath.

The device was deployed using TEE guidance and fluoroscopy. The push and pull maneuver showed part of the right disk of the device was in the left atrium. Simple retrieval of the right disk was performed and the device was redeployed without incident.

A bubble test showed no residual shunt post release of the device. Follow ups will be done at 1, 3, and 6 months. Clopidogrel will be given for 3 months.



Centering Mechanism for SO-30 ASD



Ultrasept Device Loading