

CASE STUDY: ASD Closure

ultrasept

Atrial Septal Defect Closure Device

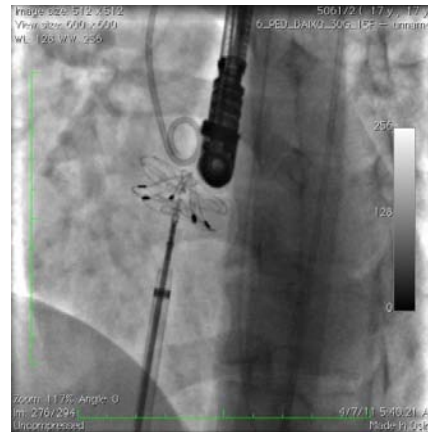
Our Thanks to:

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A 16 year-old female patient was referred for percutaneous closure of her secundum ASD. The procedure was done under general anesthesia and TEE control. Access was gained through the right femoral vein.

Measured by TEE, the size of the defect was approximately 8-9 mm's. Balloon sizing using the stop-flow technique showed a small ASD 10mm's with deficient anterior rim. An *ultrasept* SO-10 device was advanced through a 10F sheath. The TEE showed that there was no residual shunt post implantation, and the device was stable within the septum.

Total duration of the procedure was 50 minutes with fluoroscopy time less than 10 minutes. At 24 hours, a chest x-ray showed the device in correct position. The patient was discharged from the hospital on aspirin.



Pre-Release of *ultrasept* SO-10 ASD device



Centering Mechanism for *ultrasept* ASD device