

CASE STUDY: Multi-fenestrated ASD with PFO Closure

ultrasept

Patent Foramen Ovale
Closure Device

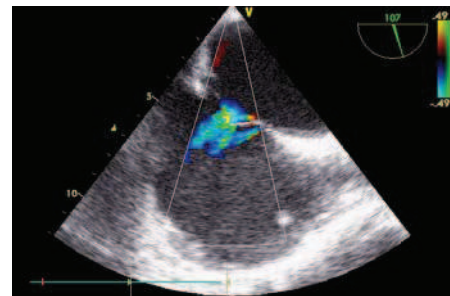
Our Thanks to:

Professor Rainer Schraeder
Klinik Rotes Kreuz
Frankfurt, Germany

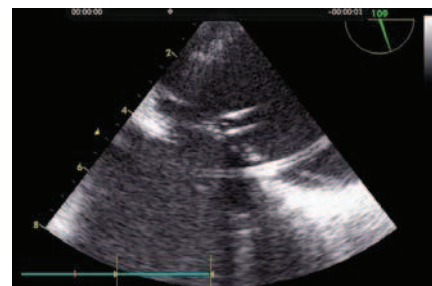
A 49 year-old male patient was referred to Klinik Rotes Kreuz in Frankfurt, Germany after suffering a cryptogenic stroke in 2010.

A TEE examination was performed and showed a multi-fenestrated ASD and a PFO. The newly designed Double Round *ultrasept* 30mm PFO device was chosen to close all of the defects simultaneously. The device was positioned through one of the central ASD fenestrations. After deployment, it was quickly confirmed that the device covered the PFO as well as the multi-fenestrated ASD.

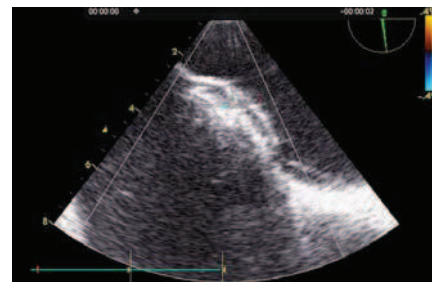
Total procedure time was less than 30 minutes, and total fluoroscopy time was approximately four to five minutes. A micro-bubble test was performed both before and after release of the device. There was no residual shunting.



Multi-Fenestrated ASD



11F Sheath through fenestration with multi-purpose catheter through PFO



30mm *ultrasept* PFO device covering both ASD's and the PFO