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Related Articles, Links

Percutaneous closure of atrial septal defect type ostium secundum using the new Intrasept occluder: Initial experience.

Goy JJ, **Stauffer JC**, **Yusoff Z**, **Wong AR**, **Owlya R**, **Perret F**, **Siegenthaler M**, **Savcic M**, **Menetrey R**, **Seydoux C**.

Cardiology Service, Clinique Cecil, Lausanne, Switzerland.

We report the first experience obtained with the new Intrasept device. We attempted to treat 35 patients with a mean age of 43 +/- 21 years. The mean size of the defect was 17/15 mm. It was successfully closed in 31 patients. In the remaining four the device could not be stabilized because of excessive defect size. A small residual shunt was present immediately following implantation in three patients. No complications occurred during the procedure and at 6 months, 31 patients had an uneventful outcome. Only one patient had a small residual shunt. No thrombus, embolization, or device fracture was documented during a mean follow-up of 17 +/- 11 months. Percutaneous closure of ASD ostium secundum is feasible with the Intrasept device with a high success rate and very good medium-term outcome. Our initial experience and results were excellent with small to medium size defects, however, large defects (>20 mm) remain challenging. (c) 2006 Wiley-Liss, Inc.

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