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Transcatheter closure of congenital ventricular septal defects

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Peer reviewed

Thursday, March 22, 1990
8:30AM-10:00AM, Room 36
Pediatric Cardiology: Interventional Catheterization
Methods to Treat Congenital Heart Disease
TRANSCATHETER CLOSURE OF CONSENTIAL VENTRICULAR SEPTAL
DEFECTS

Steve A. N. Goldstein M.D., En.D., Stanton B. Perry M.D., John F. Keane M.D., Jonathon Rome M.D., and James E. Lock M.D., F.A.C.C. The Children's Hospital, Boston, MA.

Between 3/1987 and 8/1989, 18 Pts were catheterized 20 times with intent to percuraneously close native or costoperative congenital ventricular aeptal defects (VSD). Indications were multiple episones of endocarditis(n=1), shock(n=2), residual defects despite surgery(n=7), and planned surgery for congenital heart disease(CHD) requiring systemic ventriculators to close the VSD(n=9). The Rashkind double unbrella(12, 17mm) or Lock Clamshell occluder(17, 23, 28, 33mm) was used. VSDs were crossed via the LV to guide a venous catheter, long sheath and ultimately a device across the VSD from the right side.