

## First Time in India A Modified Porstman's Technique of Transcatheter Occlusion of Patent

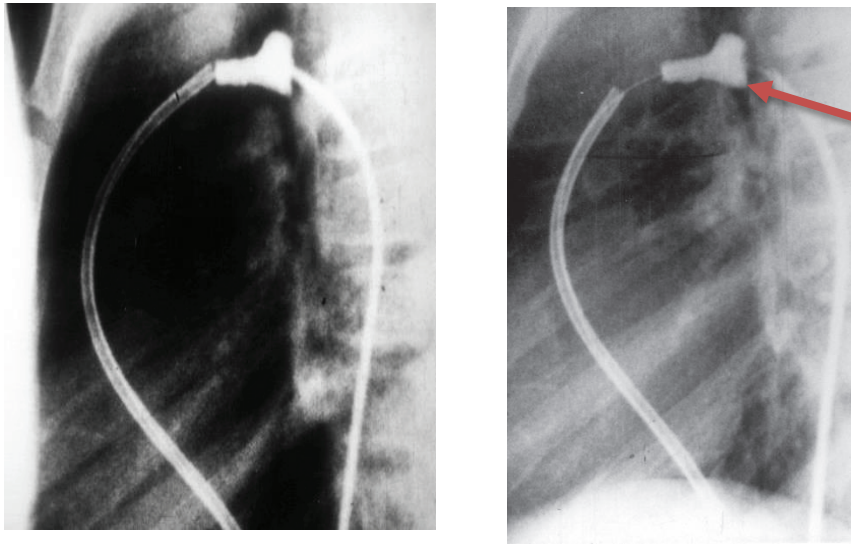
**Ductus Arteriosus (PDA)** was done by Dr. P. Lal in Sept., 1990 on a 12 years old patient from Maldives. This is an effective and cheap method to close Patent Ductus Arteriosus in children without surgery. Dr. Porstman did the 1<sup>st</sup> Non-Surgical PDA Closure in 1967 and the technique later got modified and the **First Case Of India** with modified technique was performed by Dr. P Lal, rather it was **First Case In Asia**.

### PUBLICATION

Paper Presented and published in Indian Heart Journal (1<sup>st</sup> Scientific Paper of the Country in 1992 ).

Indian Heart Journal 1992 Nov -Dec; 44(6):411 -3

P. Lal, PT Upasani : Transcatheter PDA Closure with Various Devices – A Comparative Study (abstract). Indian Heart Journal 50:636, 1998



Ivalon Plug fitted in the PDA

Still Image from Procedure

1<sup>ST</sup> TIME IN INDIA)  
INDIAN EXPRESS,  
MADRAS EDITION,  
OCTOBER 13, 1990.

### New procedure to close heart vessel

MADRAS, Oct. 12: A cardiologist at the Apollo Hospital Dr. Parthiv Lal has successfully tried out a procedure which has eliminated the need for a cardiac surgery for a 12-year-old boy with congenital heart disease.

Mohammed Jameel, a boy from Maldives, suffered from a congenital heart disease called the PDA (persistent ductus arteriosus), which is quite common in children. In this condition the child has an unnecessary connection between the great vessels of the heart — aorta and pulmonary artery — which results in the pure and impure blood mixing in the heart. The conventional treatment for this is cardiac surgery which closes this connection.

But last week, instead of opening up the child, who had come to the hospital with complaints of breathlessness and palpitation, the cardiologist closed the connection by plugging it with a special type of foam introduced in the opening through the help of catheters and wires. The procedure, which takes between 60 and 90 minutes, was done under local anaesthesia and the boy was discharged in two days.

Dr. Lal, who has been trained in this procedure in West Germany, claimed that it had been attempted successfully in India for the first time by him. Last month he had performed atherectomy, again for the first time in the country on a patient with blocked coronary artery. Through this procedure the atherocath shaves off the fatty deposits from the vessel and opens it up.

News Coverage on Procedure