

1st Time in India Athreo-Abrasion (Rotablator - Diamond Drilling)

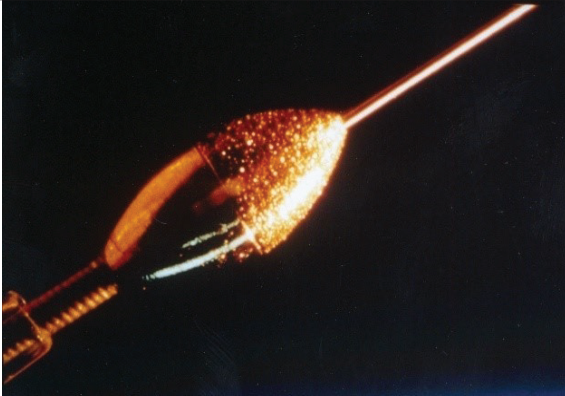
1st Time in India Athreo-Abrasion (Rotablator - Diamond Drilling) performed by Dr. P. Lal in February, 1992 at Apollo Hospital on Mr. S. P. Jindal, a bank employee from Dhuri, Punjab for the critical ostial block of the circumflex. This device helps in dealing with calcified arteries where balloon angioplasty is not possible. Dr. P Lal has been performing largest number of Rotablator procedures (Diamond Drilling) for heavily calcified arteries as a single operator in the Country over the years.

PUBLICATION

Paper Presented and published in Indian Heart Journal (1st Scientific Paper of the Country on Directional, Rotational and Extraction Coronary Atherectomy).

Lal et al. Directional, Rotational and Extraction Coronary Atherectomy – Initial Experience. Indian Heart Journal; 1992: 44: 14(A).

P Lal, PT Upasani : Role of Rotational Atherectomy in Percutaneous Coronary Interventions Chapter written in Cardiological Society of India –Cardiology Update 2014 edited by Dr. HK Chonra published by Janvee Brothers Medical Publishers 00P0 Ltd. 2015



Equipment Used



Still Image from Procedure done by Dr. Lal

INTRODUCED "ROTABLATOR"

1ST TIME IN INDIA,
INDIAN EXPRESS,
MADRAS EDITION,
FEBRUARY, 1992.

'Athero abrasion' heart procedure done in City

EXPRESS NEWS SERVICE

MADRAS - Perhaps for the first time in the country, the athero abrasion procedure - grinding of the fatty tissue lying in the artery - was performed by Apollo Hospitals interventional cardiologist Parshotam Lal on Wednesday.

Talking to presspersons on Thursday, Dr Parshotam said the procedure was performed with a drill run by a turbine with the help of compressed air. The rotation rate was as high as 1,75,000 rpm and that helped in breaking the fatty tissue into millions of small particles. The size of the particles thus broken was not more than the usual size of blood elements. "At the end of the drill is the burr, embedded in diamond chips. The burr, incidentally is available in different sizes and can be used on patients depending upon the size of the artery," he said.

The procedure was first performed on Mr Santosh Jindal (50), a bank employee from Punjab, who had "a block at the origin of the artery near the main artery," he said. It was felt that the balloon angioplasty could not be done in Mr Jindal's case, as it would cause dissection of the main artery, leading to complications.

"The drill could be applied on patients having long, diffuse and calcified blocks. The technique might cost up to Rs 20,000," he said, adding "Of all the rotating devices, this one is getting popular as the chances of re-accumulation of the fatty tissue are lower".

Over 100 medical centres throughout the world are performing this procedure and Dr Parshotam, trained in the US last year, performed the procedure on three other patients on Thursday

News Paper Coverage



13 November 2018

To Whom It May Concern,

This is to verify that Dr. Parshotam Lal is known as a Pioneer of Interventional Cardiology, both nationally and internationally.

In view of his expertise, the inventor of the Rotablator in the USA, selected Dr. Lal to perform the first case of Rotablator (Athero abrasion) in India. Dr. Lal performed the first case of Rotablator in India in February, 1992.

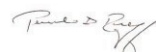
It was a great achievement.

I, Paul Rieff, have been in the field of Interventional Cardiology for more than 40 years, and was the one who arranged this procedure for Dr Lal on behalf of Heart Tech, the founder company for Rotablator.

Dr. Lal operated on 3 patients with Rotablator on the same day, and another patient on the following day.

I congratulate him on being the first in Asia to make clinical use of Rotablator.

Yours faithfully,
GETZ HEALTHCARE (HONG KONG) LTD.



Paul D Rieff
Managing Director



Paul D Rieff
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The statement of Paul D Rieff, Managing Director of Getz Healthcare about the achievement of Dr. P Lal