

20. 1st Time in the Country, Angiogenesis was performed by Dr. P Lal in April 1998. This helps in production of new blood vessels at the site of block. The procedure was done by injecting VGEF a growth hormone in the “No-option” patients unfit both for bypass and angioplasty and was used as last resort. In some patient stem cells were prepared from the bone marrow and similarly were injected. Follow up was limited.

PUBLICATIONS

Paper Presented and published (**1st Scientific Papers of the Country**)

P Lal, PT Upasani et al : Angiogenesis with Vascular Endothelial Growth Factor – Indian Experience (abstract). Journal Inter Cardiol, Volume 11, Issue Supplement S5-S136, 1998

P Lal, PT Upasani : Gene Therapy for Prevention of Restenosis after Coronary Angioplasty : Indian Experience (abstract) Indian Heart Journal 50:679, 1998

P Lal, PT Upasani, AK Pandey, S Kanwar : Intermediate-Term Follow Up of Patients Undergoing Angiogenesis with Vascular Endothelial Growth Factor (abstract). Catheterization and Cardiovascular Interventions, 2001.

P Lal, PT Upasani, AK Pandey, SC Manchanda, P Arora, S Kanwar : Initial Nonrandomized Experience with Repair of Infarcted Myocardium by Autologous Bone Marrow Cell Transplantation (abstract) Indian Heart Journal 55:464, 2003.