

Dr Khanna is passionately involved in the Community Outreach Services and creating mass awareness towards cardiac diseases. For the last 18 years, he has been regularly reaching out to the masses of India. He has rendered free cardiac care in far and remote areas of North India and advised more than 50,000 cardiac patients.

He is a distinguished teacher, prolific researcher and writer and has authored 22 book chapters and has about 120 publications in various national and international journals to his credit. He has been representing India globally. He has guided many MD (Medicine) Theses and is an Examiner for Superspeciality Doctorate Courses (DNB) in Cardiology & Interventional Cardiology.



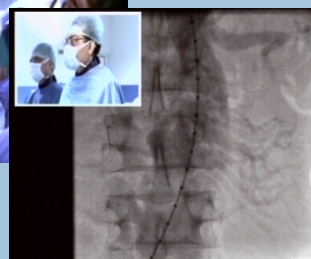
*Doing Live Case at Colombo, Sri Lanka*

## **New Therapies**

- Internal Pudendal Artery Stenting for Erectile Dysfunction
- Chimney Techniques for complex Aortic Endovascular Repair (TEVAR + EVAR)
- Internal Carotid Artery Stenting for Acute Stroke with Cerebral Blood Flow Reversal
- EVAR for ruptured Abdominal Aortic Aneurysm
- Stem Cell Therapy for critical Lower Limb Ischemia
- Trans Radial Carotid and Renal Stenting
- Laser Blast Technique for Varicose Veins
- Percutaneous Pulmonary Thrombectomy for massive Pulmonary Embolism with Cardiogenic Shock (where thrombolysis and anticoagulant therapy is contraindicated and surgery is very risky).
- Below Knee interventions and Subintimal Angioplasties.
- Newer techniques of particle embolization of Bronchial & Visceral bleeders.

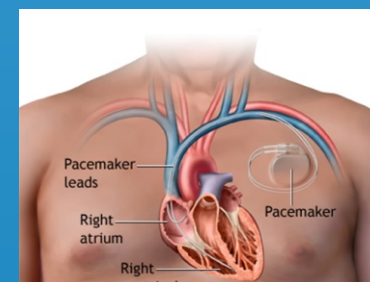
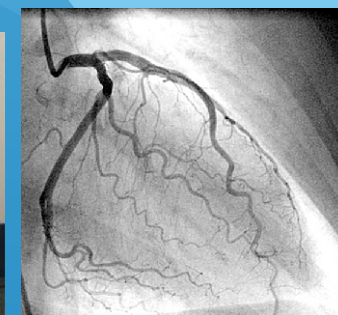


*Inaugurating Cath Lab, Varanasi*



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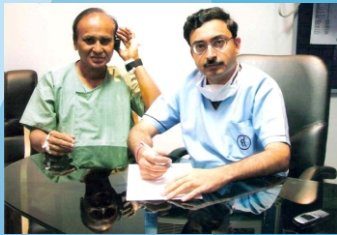


**DR (PROF.) N N KHANNA**  
MD, DM, MNAMS, FACC (USA), FSCAI (USA),  
FCCP (USA), FESC, FAPSIC, FIMSA,  
FEISI, FICC, FIAMS

**Advisor - Apollo Group of Hospitals**  
**Coordinator- Vascular Services**  
**Sr. Consultant, Interventional Cardiology**

**Dr N N Khanna** is a Graduate of King George's Medical College, Lucknow. After completing his MD (Medicine) and DM (Cardiology), he went abroad for advanced fellowship training in Cardiology, Coronary & Vascular Interventions at Ochsner Medical Foundation, New Orleans, USA and at Poly-Clinique-des-Essey, France under eminent Cardiologists - Dr. Christopher J White, Dr. Steve Ramee and Dr. Michel Henry. He underwent advanced training on percutaneous aortic valve implantations, heart failure devices and radio-frequency ablation for sympathetic denervation of renal arteries.

He has performed more than 9000 invasive / interventional procedures and has established interventional cardiology services (Cardiac catheterization labs and cardiac surgery theaters and Coronary Care Units) in many cities of India like Varanasi, Kanpur, Lucknow, Gorakhpur and neighbouring countries - Nepal, Bangladesh, Sri Lanka, Vietnam.



*Introduced the technique of Radial Angiography for the first time in North India*

He has pioneered new techniques in the world for percutaneous mechanical pulmonary thrombectomy and techniques for Endovascular Treatment of Aortic Aneurysms, ischemia & gangrene of the limbs, Endovenous Laser Therapy and Below Knee Interventions. He is also one of the first to start Radial Angiography Programme and Mobile Cath Labs.

For his contributions, he has been conferred many awards like Glory of India Award, Rajiv Gandhi Award, International Gold Star Award, Distinguished Services Award by World Congress on Clinical & Preventive Cardiology, Crest by the Mayor of Dhaka & the Police Chief of Dhaka, Purushottam Lal Award (by Indian Medical Association) and 'The Best Citizens of India Award'.

His scientific papers and cases have bagged the Best Challenging Case Awards in the entire world by Transcatheter Cardiovascular Therapeutic and Cardiovascular Research Foundation (USA) in 2004, 2008, 2010, 2011 and 2012.

## Areas of Expertise

### Interventional Cardiology

- Complex Coronary Angioplasty & Interventions
- Rota Ablations
- Intra Vascular Ultrasound
- Left Main Stenting and Bifurcation Stenting
- Combined Carotid and Coronary Stenting
- FFR, Bioabsorbable Scaffolds
- Stem Cell Therapy

### Structural

- Percutaneous Aortic Valve Implantation (TAVI)
- Percutaneous Aortic Valve Balloon Valvotomy
- Balloon Mitral Valvotomy
- Device closure of ASD, VSD, PDA
- LA Appendage occlusion in patients of chronic AF
- Treatment of Paravalvular leak

### Vascular Interventions

- **Arterial:**
  - Carotid, Vertebral & Subclavian Angioplasty
  - Stent Grafting for Thoracic & Abdominal Aortic Aneurysms, Dissections
  - Renal, Mesenteric, Aorto-Iliac, Femoral Angioplasty
  - IPA stenting for male Erectile Dysfunction
- **Venous:**
  - IVC Filters, Pulmonary Thrombectomy
  - EVLT for Varicose Veins. DVT
  - Blocked Dialysis access / grafts
  - Interventions for CCSVI

### Electrophysiological

- Cardiac Resynchronization Therapy (CRT), (CRTD)
- Implantable Cardioverter Defibrillator (AICD)
- Permanent Pacemaker Implantation
- Electrophysiology

Dr. N N Khanna has put India on the global map of vascular interventions by creating the Asia Pacific Vascular Society and regularly organizing Asia Pacific Vascular Intervention Courses. This course is very popular and one of its only kind in entire Asia-Pacific region, and is attended by delegates from all over the world. It is co-sponsored by the International Society of Endovascular Specialists (USA), Society of Cardiac Angiography and Interventions (USA), Indian College of Cardiology, Cardiological Society of India, Endovascular Interventional Society of India.

