Specialization

Cardiology

Qualification

* MBBS - MAMC, New Delhi
* MD (MEDICINE) - PGI, Chandigarh (1981)
* DM (CARDIOLOGY) - PGI, Chandigarh (1985)
* FELLOWSHIP in Non-Invasive Cardiac Lab UAB Hospital, University of Alabama, Birmingham

Areas of Specialization

Non Invasive Cardiology including echocardiography, color Doppler, carotid and vascular Doppler, TMT, Stress Echo, Dobutamine -Stress Echo, TEE, 3-D Echo, Speckle imaging.

Fellowships / Memberships / Work Experiences

* Fellow of the Indian Academy of echocardiography (FIAE) -2001
* Fellow of the international medical sciences academy (FIMSA) -2008
* Fellow of the European society of Cardiology (FESC) -2012
* Fellow of in the Indian college of Cardiology (FICC) -2012
* Fellow of in the International Society of Cardiac Ultrasound (FISCU) -2013

**WORK EXPERIENCE**

* Sr. Consultant and chief of Non Invasive Cardiology, Sir Ganga Ram Hospital -1988-1995.
* Sr. Consultant and Co-director of Non Invasive Cardiology-Indraprastha Apollo hospital -1995 till date.

**PUBLICATIONS**

More than 60 publications in several leading peer reviewed, national and international journals and several chapters in text books of echocardiography/cardiology.

Awards and Achievements

**AWARDS:**

* Was awarded the "distinguished service award" for outstanding contribution to clinical and preventive cardiology at the World congress of clinical and preventive cardiology -2006, 2007 and 2010.
* Lifetime achievement Award- World Congress of Clinical, Preventive and Paediatric Cardiology -September -2008 at Maneswar, AksharDham-New Delhi-2009.
* Time research service excellence award -
  + Best Cardiologist Noida Jan. 2010, and November 2010,
  + Best cardiologist in U.P.-Jan.2011.
  + Best cardiologist in UP.- Jan.2012
  + Best cardiologist in UP.- Jan.2013
* Dr BR Ambedkar Sewa Ratna award for the best cardiologist in Uttar Pradesh
* Medi Health Care Research service excellence Award "Bhartiya Chikitsak Ratna" in Delhi - NCR 2013

**ACHIEVEMENTS:**

* Introduced Stress echocardiography in 1990,
* Foetal echocardiography and umbilical flow studies -1990.
* Dobutamine Stress echo 1991,
* Adenosine Stress echo 2006,
* Renal artery Doppler -1990
* Penile Doppler 1996.
* Special expertise in 3-D echo, speckle imaging and contrast stress echo . Having conducted many live workshops in national and international conferences. Delivered several invited lectures in these topics.