

CURRICULUM VITAE

SURGEON VICE ADMIRAL RAVI KALRA, NM, VSM (Retd)



Date of Birth 02 November 1958

Present Appointment

Professor & Head, Department of Cardiology, Bharati Vidyapeeth Medical College & Hospital, Pune 411043.

Superannuated from Armed Forces as Director & Commandant, Armed Forces Medical College, Pune on 30 Nov 2019.

Educational Qualifications

MBBS	Armed Forces Medical College	Poona University	1981
MD (Gen Med)	-Do-	-Do-	1987
DM (Cardiology)	-Do-	-Do-	1994

Cardiology Experience

Railway Hospital, Perambur, Chennai	1992-1993
AFMC / Cardiothoracic Center, Pune	1993-1995
Command Hospital, Calcutta	1995-1997
INHS Asvini, Mumbai	July 1997 to May 2004

Interventional experience at Jaslok Hospital & Research Centre, Mumbai	July 1997 to May 2004
AFMC / Cardiothoracic Center, Pune	May 2004 to Jul 2007
INHS Asvini, Mumbai	Jul 2007 to Sep 2015
Command Medical Officer, Southern Naval Command, Kochi	Sep 2015 to Sep 2016
Commanding Officer INHS Asvini, Mumbai	Oct 2016 to Dec 2018
Director & Commandant, Armed Forces Medical College, Pune	Dec 2018 to Nov 2019
Professor & Head, Dept of Cardiology Bharati Vidyapeeth Medical College & Hospital, Pune	Dec 2019 to date

Teaching Experience

AFMC, Pune, for Pune University, 1989, Assistant Professor, Medicine

INHS Asvini, for Bombay University/ Maharashtra University of Health Sciences (MUHS), Associate Professor, Medicine, 1997 to 2004, Professor, Medicine, July 2007 to December 2018.

AFMC, Pune, for Pune University, Associate Professor, Cardiology, May 2004 to July 2007.

AFMC, Pune, for Maharashtra University of Health Sciences, Professor, Cardiology, Dec 2018 to date.

Professor in Cardiology for more than 20 years.

Other Experience in Academic Field (Past/ Current)

Examiner for DM (Cardiology), University of Pune

Examiner for DM (Cardiology), Maharashtra University of Health Sciences

Examiner for MD (General Medicine), Maharashtra University of Health Sciences

Examiner for MBBS, Maharashtra University of Health Sciences

Member, Committee on Post Graduate Certificate Course in Non Invasive Cardiology, University of Pune.

Inspector for Medical Colleges under Maharashtra University of Medical Sciences.

Reviewer in Cardiology for the *Medical Journal Armed Forces of India*.

Reviewer for *Cureus*.

Member, *Master Teachers in Cardiology* Forum, Mumbai.

Chairman, *Board of Studies, Super Specialities, Bharati Vidyapeeth*, Pune.

Chairman, *Medical Journal Armed Forces of India*. (Former)

Member, *Healthcare Sector Skills Council, Western Region*. (Former)

Chairperson, *AIDS Control Organisation, Armed Forces*. (Former)

Publications

Tropical Splenomegaly Syndrome. PG Quiz, *Med J Armed Forces India*, 1989

Myelofibrosis. Review, *JAPI*, 1990

ASD and TR, Abstr, *Ind Heart J*, Dec 1994

PDA and MR, Abstr, *Ind Heart J*, Dec 1994

Myocardial Infarction in Young, Review, *J Marine Med Soc*, 2000

Executive Editor of *Textbook of Environmental Emergencies*, First Ed, 2006, Pub: AFMC, Pune

The Conflict Environment, Chapter in *Textbook of Environmental Emergencies*, First Ed, 2006, Pub: AFMC, Pune

The Hospitalized Patient, Chapter in *Textbook of Environmental Emergencies*, First Ed, 2006, Pub: AFMC, Pune

Coronary Stents in Future – What's Brewing, Article in *Update in Interventional Cardiology*, Pub: Cardio-Thoracic Centre, AFMC, Pune, August 2006.

Acute Myocardial Infarction. *Standard Treatment Guidelines*. AFMC in Collaboration with Ministry of Health & Family Welfare & World Health Organisation India Office, 2007.

Primary Angioplasty in Acute Myocardial Infarction – Experience in a Tertiary Care Hospital, *Marine Medicine J*, 2009.

Editor in Chief, *Saturday Clinics of Asvini*, 1st Ed, 2012

A Case of Acyanotic Congenital Heart Disease, *Saturday Clinics of Asvini*, 1st Ed, 2012, 1-5.

A Case of Recurrent Syncope, *Saturday Clinics of Asvini*, 1st Ed, 2012, 69-73.

A Sudden Cardiac Arrest Survivor, *Saturday Clinics of Asvini*, 1st Ed, 2012, 162-171.

Editor in Chief, *Saturday Clinics of Asvini*, 2nd Ed, 2013.

A Case of Arrhythmia, *Saturday Clinics of Asvini*, 2nd Ed, 2013.

A Case of Pericardial Disease, *Saturday Clinics of Asvini*, 2nd Ed, 2013.

Walters Kluwer. *Textbook of Emergency Medicine* 2nd Ed, Search & Rescue at Sea, 2013.

A Case of Congenital Heart Disease, *Saturday Clinics of Asvini* 3rd Ed, 2014.

Search & Rescue at Sea, *Textbook of Emergency Medicine*, 2nd Ed, 2014, Elsevier.

Women in Combat, Ed, *Journal of Marine Medical Soc.* 2018.

Vascular Closure Device, *Journal of Marine Medical Soc.* 2018.

Inter-arterial Aneurysm – Case Report, *J Indian Acad Echocardiogr Cardiovascular Imaging.* 2022.

Takayasu Arteritis – Current Perspective & Brief Review, *The Indian Practitioner.* 2022.

Balloon Angioplasty in Takayasu Induced Subclavian Artery Stenosis in a Young Patient, *J of Clinical Images.* 2022.

Takotsubo Cardiomyopathy: Narrative Review with Relation to Covid-19, *Indian J of Clinical Cardiology.* 2022.

Acute Pulmonary Thromboembolism and its Correlation with Special Reference to Right Ventricular Function, *International J of Scientific Research.* 2022.

Renal Angioplasty in Takayasu Disease: difficult anatomy addressed with a novel technique, *MJAFI.* 2023.

Association of microalbuminuria and left ventricular diastolic dysfunction in type 2 diabetes mellitus, *International J of Diabetes in Developing Countries.* 2023

A Prospective Observational Study to Evaluate Cardiovascular Changes in Patients of Hypothyroidism, *Cureus,* 2023.

Papers Read / Guest Lectures

Mini Peak Flow Meter vs PFT, *APICON* 1989

PUO, *APICON* 1990

ASD, TR, *CSI Ann Conf* 1993

PDA, MR, *CSI Ann Conf* 1993

Ventricular Tachyarrhythmias, *CME Command Hosp, Calcutta*

Diabetes & Heart, *Marine Med Soc, Ann Conf,* 1999

Stress & Hypertension, *Hypertension Soc Ind, Ann Conf,* Ahmedabad, 2000

Stress & Hypertension, *Bombay Medical Congress, Ann Conf,* 2000

Stress & Heart. *Bombay Med Cong, Ann Conf*, 2001

Prevention of Venous Thromboembolism, *Vascular Surg & Interventional Radiology Workshop*, Mumbai, 2002

Newer Antiplatelet Agents in Acute Coronary Syndrome, Guest Lecture, *Symposium on Acute Coronary Syndrome*, Mumbai, 2001

Life Support for the Terminally Ill – How Long? Guest Lecture, *Marine Med Soc, Ann Conf*, 2003

Echo Workshop, Moderator, *API Mumbai Chapter, Ann Conf*, 2003

Primary Angioplasty vs Thrombolysis in Acute Myocardial Infarction – Review, *Workshop on Interventional Cardiology*, MH(CTC), August, 2004

Angioplasty in Anomalous Circumflex, Case Presentation, *CSI Pune Chapter Meeting*, May 2005

Stress Management, Guest lecture at INHS Kasturi, Lonavla, June 2005

Managing the Malformed Heart, Guest Lecture, *National Update in Paediatrics*, AFMC, Pune, August 2005

Diabetes and the Heart, *Symposium* at AFMC, Pune, September 2006

PTMC in a Patient with Destroyed Lung, case presentation, *CSI*, Pune, Second Best case.

Slow Flow in PTCA, *CAD*, Oct 2009.

Primary Angioplasty in Left Main, *CAD*, 2010

Coronary CT, *AH(R&R)*, Apr 2010

Interventional Therapies in Valvular Heart Disease, *Milestones in Medicine*, AFMC, Pune, Sep 2011.

PAMI with Left Main Disease, *CAD*, Pune, Sep 2011.

Aliskiren, *Ann Conf CSI*, Mumbai, Dec 2011

Angiography in the Era of Interventions, *Lecture for Cath Lab Technicians*, Mumbai, Mar 2012.

Peripheral Complication. *CAD India*, Pune, Sep 2012.

Wither Stethoscope? *Bombay Medical Congress*, Mumbai, Feb 2013.

How Informed is our Consent? *CME on Patient Safety*, Kochi, Mar 2013.

Primary Angioplasty in Multivessel Disease - Culprit Only versus Multivessel PCI. *CME on Interventional Cardiology*, CH (CC), Lucknow, Aug 2013.

Blood Pressure to Hypertension - Historical Perspectives of Hypertension. *CME on Hypertension*, Mumbai, Sep 2013.

Extraction of 10 Year Old Leads on Right. *CAD*, Mumbai, Sep 2013

Balloon Atrial Septostomy. *CAD*, Mumbai, Sep 2013.

Left Main Closure During Diagnostic Angiography. *CAD*, Mumbai, Oct 2014

"Kabhi Khushi Kabhi Gham". *CAD*, Mumbai, Oct 2014

Current Trends in Resistant Hypertension. *CME*, CH (WC), Chandigarh, Oct 2015

Disaster Management – Hospital Experience. *Marine Med Soc Ann Conf*, Mumbai Aug 2017.

A Case of Coronary Perforation. *MICA*, Mumbai, Sep 2017.

Following My Heart – A Journey Through Cardiology. *Chief of the Naval Staff Oration, Marine Med Soc Ann Conf*, Oct 2018.

Severe AS with CAD – TAVR + PCI. *India Advanced Cardiovascular Therapeutics*, Mumbai, Oct 2018.

The Final Kiss – How & Why, (Bifurcation Coronary Session), *India Live*, Mumbai, Feb 2019.

Clinical Medicine is Dead, Debate, Speaker for the Motion, *RESCON 2020*, Pune, Feb 2020

Cell Centric Approach to Ischemia, Speaker, Webinar, Aug 2020.

Covered Stents for Femoral Artery Access Injuries, Speaker, *Ann Conf Cardiological Society of India*, Dec 2020.

CPR, Speaker, *Ann Conference of Rashtriya Lifesaving Society of India*, Dec 2020.

Metabolic Approach to Management of Ischemia, Speaker, Webinar, Apr 2023.

The Value of Life, Speaker, *Ann Conference of Rashtriya Lifesaving Society of India*, Aug 2023.

Interventional Experience

Diagnostic procedures (including, but not limited to coronary angiography)≈12350

PTCAs (Including use of Rotablator, IVUS)	4,994
TAVR	3
PTMCs (Mitral Commisurotomy)	462
Balloon Tricuspid Valvotomies	15
Pulmonary Valve Balloon Dilatation	19
Aortic Valve Balloon Dilatation	4
ASD Device Closures	108
PDA Device Closures	15
VSD Device Closures	13
PDA stenting	01
Aortic Stenting for Coarctation of Aorta	03
Balloon Dilatation of ISR Coarctation Stent	01
Pulmonary Artery ISR Balloon Dilatation	01
TASH	32
Renal Artery Angioplasty with Stent	179
Renal Artery Angioplasty (Balloon only)	05
Bronchial Artery Coil Embolisation	01
Permanent Pacemaker Implantations (including Leadless)	399
CRT Implantation	40
CRT-D Implantation	4
AICD Implantation	41
Electrophysiology - Diagnostic	103
Radio-Frequency Ablations	74

Administrative Experience

Set up a Department of Cardiology at INHS Asvini, Mumbai in 1997

Set up a Cardiac Cath Lab at INHS Asvini, Mumbai in 2004

Set up a Cardiology OPD at AFMC Pune in 2004, providing free interventions to needy patients

Co-ordination of Department of Medicine, as HOD, including all super-specialties (Internal Medicine, Cardiology, Gastroenterology, Nephrology, Oncology, Endocrinology) at INHS Asvini

Member Executive Committee of Cardiological Society of India, 2010-2011.

Presiding Officer, Board for Use of Coronary Stents, convened by Office of DGAFMS, 2011.

Member, Board for Interview for Selection of Undergraduate Students at AFMC, June 2013.

Executive Officer, INHS Asvini, Mumbai, Oct 2013 to Oct 2015.

Station Executive Medical Officer, ECHS, Mumbai, Oct 2013 to Oct 2015.

Command Medical Officer, Southern Naval Command, Kochi. Oct 2015 to Sep 2016.

Commanding Officer, INHS Asvini, Mumbai, Oct 2016 to Dec 2018. An 825 + 60 bedded super specialty Hospital with approximately 3000 employees.

Director & Commandant, Armed Forces Medical College, Pune. Dec 2018 to Nov 2019.

Clinical Safety Officer, Bharati Hospital & Research Centre, Pune, Jan 2021 to date.

Honours/Decorations/Awards

1. College **Roll of Honour** in MBBS, MD, other courses.
2. **Commendation Badge**, General Officer Commanding-in-Chief 1996.
3. **Vishisht Seva Medal** for Distinguished Service, awarded by President of India, 2002.
4. **Naosena Medal** for Devotion to Duty, awarded by President of India, 2013.

Fellowship of Professional Bodies

Fellow of the Society for Cardiovascular Angiography & Interventions (FSCAI), USA.

Membership of Professional Bodies

1. Life member Cardiological Society of India
2. Life member Association of Physicians of India
3. Life member Indian Society of Electrocardiology
4. Life member & Past President, Marine Medical Society of India
5. Life member & Past President, Bombay Medical Congress
6. Member European Society of Cardiology.
7. Life member, European Association of Percutaneous Cardiovascular Interventions

References

1. **Dr Ashwin B Mehta**. Interventional Cardiologist, Director of Cardiology, Jaslok Hospital & Research Center, Mumbai. E mail: drmehta_a@yahoo.com
2. **Dr JS Dugal**. Interventional Cardiologist. Jehangir Apollo Hospital, Pune, Fellow of SCAI. Tel +91 9822050945. E mail: tonydugal@yahoo.co.in
3. **Dr Yash Lokhandwala**, Interventional Cardiologist & Electrophysiologist, Holy Family Hospital, & Arrhythmia Associates, Mumbai. Tel +91 9821167542. E mail: yashlokhandwala@hotmail.com, yashlikhandwala@Quintiles.com.
4. **Dr SC Munshi**, Senior Consultant Cardiologist, Jaslok Hospital & Research Center, Mumbai, & Convenor, Master Teachers in Cardiology Forum. Tel +91 9821354225

Hobbies

Travel
Photography
Music
Physical fitness

Other Information

Married to Dr Varinder Kaur Kalra, an Anaesthesiologist at Bharati Hospital, Pune.

Two daughters, elder a Mass Media Professional, Sports Journalist, Producer with Star TV in Mumbai, younger a Counselor, in a Mental Health Counseling practice at New York.

Address for Correspondence/ Telephone

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Pune-411060

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Permanent Residential Address:

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Note: Preceding information is updated as on 26 Aug 2023.