

CURRICULAM VITAE



PERSONAL DETAILS

Name : Dr.B.Vinod Kumar
Date of Birth : 16.04.1983
Age : 34
Gender : Male
Marital Status : Married
Blood Group : A1B Positive
Language Known : English & Tamil

PERMANENT ADDRESS

Address : 5/463; Valayapathy Salai;
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State : Tamil Nadu
Country : India
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Email.ID : vinodkumarbala@gmail.com
Place of Birth : Chennai, India
Citizenship : Indian

FIELD OF INTEREST

: Interventional Cardiology especially complex Coronary Interventions such as CTO's / Left Main bifurcation, structural Heart disease Interventions and associated clinical research.

HOBBIES

: Playing Cricket, Football. Watching movies and Gardening

PERSONAL PROFILE:

I am Dr.B.VINODKUMAR working as a Assistant professor/Associate consultant in Sri Ramachandra University, ranked among the top health sciences universities in India, which has its own medical centre.

Sri Ramachandra Medical Centre (SRMC) is a quaternary care multi-specialty hospital. it is the first and only hospital affiliated to a medical university in India that has the privilege of JCI, NABH, NABL and AABB accreditations.

The hospital facility has 800 beds and 200 Intensive care beds, provides healthcare treatment for over 35,000 inpatients and 2,50,000 outpatients every year. The department of cardiology was started in 1994. It caters to the needs of Neonatal, Paediatric, adult, senior citizen and octogenarian heart problems. The department has Out patient, Intensive Care, In-patient, Non Invasive laboratory, Invasive Laboratory, Heart transplant centre and Emergency Care (primary Angioplasty program) which functions 24 X7 hours.

I finished my DM (Cardiology) program from the same institute as a **University topper with Gold Medal** during 2012-2015, after which I joined the same team as Assistant professor for past two years; I am part of the team which provides 24x7 primary angioplasty programs. I can independently perform coronary angiograms, angioplasties and Permanent Pacemakers.

My aim is to develop as a full fledged interventional cardiologist who is capable of performing complex coronary interventions with comprehensive understanding of Clinical cardiology to achieve this I wish to undergo rigorous training programmes from internationally reputed organizations. So that I can bring back the knowledge and expertise and serve my society.

MEDICAL EDUCATION

COURSE	UNIVERSITY	YEAR OF PASSING
MBBS	Mahatma Gandhi Medical College & Research Institute (MGMC&RI), Puducherry-607402,Pondicherry university,	AUGUST – 2007
MD (GENERAL MEDICINE)	Sree Balaji Medical College and Hospital,Chennai-44, Bharath University, Chennai-73, India	APRIL 2012
DM (CARDIOLOGY)	Sri Ramachandra Medical College and Research Institute, Ramachandra University, Chennai 600116	SEPTEMBER 2015

.DIPLOMA/CERTIFICATE COURSES

COURSE	UNIVERSITY/COURSE CENTRE	YEAR OF PASSING
Advance Certificate Program in Project Management.	Catalyst Clinical Service, New Delhi.	JUNE 2015
Professional Diploma in Clinical Research (PDCR)	Catalyst Clinical Service, New Delhi	JUNE 2011
Post Graduate Diploma in HealthSciencesin Diabetology	Annamalai University, Chidambaram	MAY 2008

CLINICAL APPOINTMENTS:

DESIGNATION	HOSPITAL NAME	YEAR OF SERVICE
ASSISTANT PROFESSOR & ASSOCIATE CONSULTANT	SRI RAMACHANDRA MEDICAL CENTRE, CHENNAI	15.10.2015 TO TILL DATE
SENIOR REGISTRAR	SRI RAMACHANDRA MEDICAL CENTRE, CHENNAI	AUGUST 2012 TO AUGUST 2015
REGISTRAR	SREE BALAJI MEDICAL COLLEGE, CHENNAI	APRIL 2009 TO APRIL 2012

RESIDENT	SREE BALAJI MEDICAL COLLEGE, CHENNAI	SEPTEMBER 2007 TO APRIL 2009
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CLINICAL EXPERIENCE

I am involved in patient care both in the Medical College Hospital and Medical Centre. I am In-charge of the out patient department in Medical College Hospital on Tuesdays. My responsibilities in the Medical Centre includes being in-charge of Non-Invasive departments on Thursdays. My Cath Lab postings for performing procedures on Monday, Wednesday and Saturday.

I run a outpatient clinic in the name of Chennai Cardiac Care at 5/463, J.J.Nagar, Mogapair East, Chennai 600 037 besides that I have my own foundation in the name of C3 Research Foundation through which I conduct Cardiology Camps once in two weeks in out skirts of Chennai and at my native place Thanjavur.

TEACHING EXPERIENCE:

S.NO	NATURE OF CLASSROOM TEACHING/ BED SIDE TEACHING	COURSES(UG/PG) TAUGHT & PAPERS HANDLED	HOURS / WEEK ALLOTTED
1.	LECTURES	UG: B.SC ALLIED HEALTH SCIENCES, BIOMEDICAL, MERGENCY & TRAUMA CARE, MBBS	2 HOURS PER WEEK
2.	SEMINARS	DM (CARDIOLOGY)	1 HOUR PER WEEK
3.	JOURNAL CLUB	DM (CARDIOLOGY)	1 HOUR PER WEEK
4.	DEMONSTRATION CLASSES	B.SC AHS AND DM (CARDIOLOGY)	1 HOUR PER WEEK
5.	OUTPATIENT CLINICAL TEACHING	DM (CARDIOLOGY) / MD (GENERAL MEDICINE)	1 HOUR PER DAY
6.	BED SIDE CLINICAL TEACHING	DM (CARDIOLOGY) / MD (GENERAL MEDICINE)/ B.SC ALLIED HEALTH SCIENCES	1 HOUR PER DAY
7.	CME	DM (CARDIOLOGY) / MD (GENERAL MEDICINE)	2 HOURS PER MONTH

RESEARCH EXPERIENCE:

Research Centre : Sree Balaji Medical college & Hospital, Chennai

- ❖ **Project 1: A 24-week National Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase III Trial in India to Evaluate the Efficacy and Safety of Dapagliflozin as Monotherapy in Subjects with Type 2 Diabetes Who have Inadequate Glycemic Control with Diet and Exercise alone (D1693000002)**

Designation : Co – Investigator

Duration : From December 2010 till may 2012

Company : AstraZeneca

I have taken the role of Co – Investigator in Phase 3 clinical trial at Sree Balaji Medical College & Hospital. My key role is to screen, enroll, administer the drug, monitor and follow up the patients for the study period. I also communicate to Ethical Committee for their approval of the study.

- ❖ **Project 2: Role of BNP as a screening tool to identify asymptomatic cardiac disease in chronic type 2 Diabetic patients**

Designation : Principal Investigator

Duration : From July 2010 to October 2011.

Site : Sree Balaji Medical College & Hospital, Chennai.

- ❖ I have taken the role of Principal Investigator for my Master degree (M.D) project. My key role was to review the literature for choosing this topic, presented to Ethical Committee for Clearance, screened, enrolled, investigated and followed up the patients. Data was presented at International Diabetic Federation, Dubai on December 5th 2011.

- ❖ **Project 3: “Study of Endocrinological markers in critically ill patients”**

Designation : Principal Investigator

Duration : From may 2009 to may 2010.

Site : Sree Balaji Medical College & Hospital, Chennai.

- ❖ I have taken the role of Principal Investigator. My key role was to review the literature for choosing this topic, presented to Ethical Committee for Clearance, screened, enrolled, investigated and followed up the patients.

Data was presented in 40th Annual Conference of the Endocrine Society of India (ESICON - 2010) at Christian Medical College, Vellore on 11th December 2010

- ❖ **Project 4: Subclinical Facial Neuropathy in type 2 diabetes**

Designation : Principal Investigator

Duration : From December 2009 to July 2010.

Site : Sree Balaji Medical College & Hospital, Chennai.

- ❖ I have taken the role of Principal Investigator. My key role was to review the literature for choosing this topic, presented to Ethical Committee for Clearance, screened, enrolled, investigated and followed up the patients. Data was published in Indian journal of multidisciplinary dentistry in Volume 1, Issue V July – August 2011.

Research Centre : Sri ramachandra university, Chennai

- ❖ **Project 1: In House Registry of Acute Coronary Syndrome**

Designation : Principal Investigator

Duration : From Jan 2011 to Jan 2014.

Site : Sri Ramachandra University, Chennai.

I have taken the role of Principal Investigator for this project. My key role was to review the literature for choosing this topic, presented to Ethical Committee for Clearance, collection of data from MRD. Data was presented at IMSACON 2014, 32rd Year International Conference of International Medical Sciences Academy from 11th – 12th October 2014, Bangkok, Thailand.

- ❖ **Project 2: In house registry of pulmonary embolism and multi factorial analysis**

Designation : Principal Investigator

Duration : From Jan 2011 to Dec 2013.

Site : Sri Ramachandra university, Chennai.

- ❖ I have taken the role of Principal Investigator. My key role was to review the literature for choosing this topic, presented to Ethical Committee for Clearance, screened, enrolled the patient and archived data was taken. Data was presented at Indian College of

Cardiology Conference held at Tirupati, AP, INDIA (ICCCON 2014) on 20th September 2014

❖ **Project 3: Echocardiographic Analysis of Various factors Contributing for ischemic Mitral Regurgitation in Patients with Recent Myocardial infarction**

Designation : Principal Investigator

Duration : From April 2012 to April 2014.

Site : Sree Balaji Medical College & Hospital, Chennai.

I have taken the role of Principal Investigator. My key role was to review the literature for choosing this topic, presented to Ethical Committee for Clearance, screened, enrolled, investigated and followed up the patients.

INVITED LECTURE:

- ❖ Devices in Heart Failure – 6th October 2017 at IMSACON 2016 at Mauritius

CME (Lectures):

- ❖ Rely to Real – Updates on 28.03.2017 at SRMC
- ❖ Improving survival in Type II Diabetes : Learning from EMPA – REG Outcome on 05.04.2017 at SRMC
- ❖ Highlights from ACC : Experts Perspective on 05.04.2017 at SRMC
- ❖ Evaluation of Antiplatelets on 27.06.2017 at SRMC

PAPER PRESENTED:

- ❖ **CCT 2017 Conference from 23rd October to 29th October 2017 held at Kobe, Japan.**
- ❖ **MASQUERADING CTO, LM, IMAGING SUMMIT – CHENNAI 11 & 1^{2th} February 2017.**
- ❖ **“Access challenge in permanent Pacemaker Implantation at Sri Ramachandra University, Porur, Chennai – 600116 on 15th February 2017. Selected for the best paper**

- ❖ **“In House Registry of Acute Coronary Syndrome”** at IMSACON 2014, 32rd Year International Conference of International Medical Sciences Academy from 11th – 12th October 2014, Bangkok, Thailand.
- ❖ **Radial Puncture Made Easy – Forking Technique** at Indian College of Cardiology Conference held at Tirupati, AP, INDIA (ICCCON 2014) on 19th September 2014
- ❖ **ASD PLUS Syndrome Interventional Approach** at City CSI Meet in Chennai on August 2014.
- ❖ **“Significance of Vitamin D3 in causing Periodontitis among Chronic Elderly Type 2 Diabetes Mellitus Patients”** (IMSACON 2011), Hyderabad.
- ❖ **“Prevalence of Coronary Artery Disease in Newly Diagnosed Type 2 Diabetes Mellitus”** at IMSACON 2010, London.
- ❖ **“Unbelievable but believable, Sweat gland cries”** at International Conference on Internal Medicine and Critical Care (INCOM - 2010), Chennai on 31st October 2010.
- ❖ **“Study of Endocrinological markers in critically ill patients”** at 40th Annual Conference of the Endocrine Society of India (ESICON - 2010) at Christian Medical College, Vellore on 11th December 2010.

POSTER PRESENTED:

- ❖ **“Our Experience of Epicardial Left Ventricular pacing by MINI - THORACOTOMY for Cardiac Resynchronization Therapy in Congestive Heart Failure patients”** at 3rd Annual Conference on HEART FAILURE – 2017, 4th and 5th February 2017 at Chennai.
- ❖ **“Transcatheter Aortic Valve Implantation – Direct Aortic Access”** at 17th Annual Academic Sessions at Sri Lankan Heart Association at Sri Lanka on 11th June 2017
- ❖ **“In house registry of pulmonary embolism and multi factorial analysis”** at Indian College of Cardiology Conference held at Tirupati, AP, INDIA (ICCCON 2014) on 20th September 2014
- ❖ **“Screening tool to identify silent ischemia among diabetic subjects”** at International Diabetic Federation, Dubai on December 5th 2011.
- ❖ **“Role of inflammatory markers as a predictor of peripheral vascular disease among chronic asymptomatic type 2 diabetes mellitus patients”** at International Diabetic Federation, Dubai on December 5th 2011.

- ❖ **BNP as a Sensitive Tool in Detecting Subclinical Diastolic Dysfunction Among Asymptomatic Chronic Type 2 Diabetic Patients** at International Diabetic Federation, Dubai on December 5th 2011.
- ❖ **“Subclinical Facial Neuropathy in type 2 diabetes”** at International Medical Science Academy (IMSACON -2010), Royal College of Physician, London.

MODERATED POSTER PRESENTATION:

- ❖ **At Cardiology Society of India 2014 (CSI – Dec 2014) at Hyderabad, INDIA**
 - a. **A Rare Coronary Event Excellent Result with percutaneous Intervention**
 - b. **Non Coronary intervention in end stage renal disease**
 - c. **Pseudo infraction in hyperkalemia**
 - d. **Complex TAPVC – Challenges and outcomes in our institute**

PAPERS PUBLISHED:

- ❖ **Congenital Kinking of Aorta accepted for publication in BMJ** case reports June 2017.
- ❖ **“In House Registry of Acute Coronary Syndrome”** in Indian heart journal December 2014.
- ❖ **Prevalence of facial nerve neuropathy among Chronic Type 2 DM** in Indian journal of multidisciplinary dentistry in Volume 1, Issue V July – August 2011.
- ❖ **BNP as a Sensitive Tool in Detecting Subclinical Diastolic Dysfunction among Asymptomatic Chronic Type 2 Diabetic Patients** (Accepted Journal of Applied Medicine & Surgery)

PROFESSIONAL LICENSES :

- ❖ Registered with Medical Council of India (Tamil Nadu) – Registration no :**82000**

ACADEMIC ACHIVEMENTS:

- ❖ **BEST OUTGOING STUDENT – N.P.V. Ramaswamy Udayar Gold Medal**

PROFESSIONAL ACHIEVEMENTS

- First Assistant in First successful TAVI (Transcatheter Aortic Valve Implantation) via Trans Aortic Route in the country - A Boon to Valvular Heart Disease – 29th September 2016 at Sri Ramachandra University.
- First assistant in Leadless Pacemaker Implantation (Micra Transcatheter Pacing System, the smallest of its kind and the first in South India) – 25th November 2016 at Sri Ramachandra University.
- Observership programme at Okayama, Japan on 24th October and 25th October 2017 at Kurashiki Central Hospital on Chronic Total Occlusion.
- Observership programme at Mount Sinai Hospital, New York, U.S.A in interventional Cardiology training from 1st November 2017 to 30th November 2017 under the guidance of Dr.Shamim Sharma.K.
- Observership at UT Health, The University of Texas, Health Science Centre at Houston, U.S.A in structural Interventions training in Paediatric Cardiology from 1st December to 31st December 2017 under the guidance of Dr.Duraisamy Balaguru.

PRESS MEET

- Addressed a press conference in Sri Ramachandra University to announce a Trans Catheter Aortic Valve Implantation (TAVI) procedure (29.09.2016) on 3rd October 2016
- Addressed a press conference in Hotel Green Park on 21st December 2016 to announce a Leadless Pacemaker Implantation (Micra Transcatheter Pacing System, the smallest of its kind and the first in South India) – 25th November 2016

MEMBERSHIP:

- ❖ **Fellow International Medical Science Academy**
- ❖ **Associate Member – American College of Cardiology**

LIFE MEMBER:

- ❖ **Member – Cardiological Society of India**
- ❖ **Member – Indian Medical Association**

ORGANISATIONAL CAPABILITIES:

CONFERENCES ORGANISED:

- ❖ Organising committee member for HEART FAILURE REGISTRY – INFER CME at Sri Ramachandra Medical Centre on 24th March 2017.
- ❖ Joint Secretary - International Medical Sciences Academy - IMSACON 2016 at Mauritius from 6th to 8th October.
- ❖ Organising committee member for Scientific sessions and Registration - TNEPIC 2016
- ❖ Worked as a Coordinator in organizing International Conference on Medicine INCOM 2010 held at Chennai.

CME ORGANISED:

- Organising Secretary for Read and I3 CME Conducted by C3RF on June 17th 2017.
- Special lecture by Dr.K.Chandrasekar from Mayo Clinic, US on 17.02.2016
Topic – Advances in Echocardiography.
- Special lecture by Dr.Ference Miroslaw, German on 25.03.2016
Topic – Advanced Coronary Intervention.
- Special lecture by Dr.Arun, Diabetologist from ARH Hospital on 31.03.2016.
Topic – SGLT 2 Inhibitors
- Special lecture by Dr.John McMurray (UK), Dr.Roy Gardner (UK), through webcast on 19.04.2016.
Topic – Heart Failure
- Special lecture by Dr.Arun Kalyanasundaram, Sattle Heart and Vascular Institute on 11.08.2016.
Topic – Chronic Total Occlusion
- Special Lecture by Dr.Santhosh Jeyaraj (Diabetologist) – Dr.Ramachandran’s Diabetic Centre
Topic: Choice of OAD in MGT in T2DM with CV Risk on 9th December 2017

INTERNATIONAL CONFERENCE ATTENDED:

- ❖ Delivered a lecture at BIT’s 9th Annual Congress of Cardiology to be held at Singapore on 17th November 2017.

- ❖ CCT 2017 Conference from 23rd October to 29th October 2017 as a Associate Faculty and also presented a paper at the Conference which held at Kobe, Japan.
- ❖ Medical Sciences Academy - IMSACON 2016 at Mauritius from 6th to 8th October.
- ❖ Interventional Atherosclerosis – Society 3rd International Summit on Lipids at New Delhi on 6th and 7th August 2016.
- ❖ CCVCC 2015 JUNE 17 to 19 Mount Sinai Hospital New York USA
- ❖ IMSACON October 2014 - Thailand
- ❖ TCT – 2013 San Francisco, USA
- ❖ 2nd RCPSG Triennial Conference ‘Setting Standard, Achieving Excellence’ at Royal College of Physicians and Surgeons of Glasgow on 10th and 11th November 2011.
- ❖ IDF, Dubai, December 2011
- ❖ RCPSG, Glasgow, London, November, 2011
- ❖ IMSACON 2010, Royal College of Physicians, London
- ❖ An Update on Acute Coronary Syndromes at American College of Cardiology on October 2010.
- ❖ INCOM, September, 2010,
- ❖ Staged Diabetes Management Training Program at International Diabetes Center & Christian Medical College, Vellore on June 7th & 8th, 2008.

NATIONAL CONFERENCE

- ❖ Work shop for Coronary Total Occlusion case (Live case demonstration) at Tamil Nadu interventional council 4th National conference Chennai on 7th January 2017.
- ❖ 3rd Annual Conference on HEART FAILURE – 2017, 4th and 5th February 2017 at Chennai.
- ❖ CTO, LM, IMAGING SUMMIT – CHENNAI 11 & 12th February 2017.
- ❖ Cardio Vascular Symposium held at Mumbai, January 2017
- ❖ BEYOND Guidelines January 6th 2017 – Hyderabad.
- ❖ Tamil Nadu interventional council 3rd national conference Chennai on January 7th and 8th 2017.
- ❖ At Cardiology Society of India CME Programme – Indian Association of Cardiovascular Thoracic Surgeons on 20th and 21st August 2016 on Sri Ramachandra University, Chennai
- ❖ CSI JAN 2016 CHENNAI
- ❖ Tamil Nadu interventional council 4th national conference thanjavur on jan 4th and 5th jan 2015
- ❖ CSI – Dec 2014 at Hyderabad, INDIA
- ❖ ECHO INDIA 2014 ,Goa on 31st October till 2nd November 2014
- ❖ Indian College of Cardiology Conference held at Tirupati, AP, INDIA (ICCCON 2014) on 19 & 20th September 2014
- ❖ National Interventional Council Meet at Cochin, INDIA
- ❖ Cardiology Society of India Conference – 2013 at Bangalore, INDIA
- ❖ STEMI - 2012 at Chennai
- ❖ 40th Annual Meeting of the Endocrine Society of India (ESICON 2010),Department of Endocrinology, Diabetes & Metabolism, Christian Medical College, Vellore on December 12th 2010.
- ❖ Attended the Investigator Meeting for study D1693C0002 by AstraZeneca at Chennai on 26th & 27th November 2010.

- ❖ 2nd National Conference of INSTEAD – TELEDERM 2010 on 13th & 14th August 2010, Chennai.
- ❖ Coordinated in Selecting Topics, fixing the Speakers, Looking after the entire Scientific Programme.

REFERENCES:

Dr.T.R.Muralidharan M.D(Gen.Med);DM(Cardiology);
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