

## Statement of Research Achievements

From the very beginning of my career, I have been fascinated by the idea of Clinical Research, to be able to resolve the unanswered questions in Medical Sciences. In the last 15 years as an interventional Cardiologist, I have published more than 130 scientific papers to add onto the value of ever progressing science. These articles have been widely read, accepted by clinicians and researchers alike, till date are cited more than thousand times in scientific literature. This graph has been consistent and progressive as evident by h-factor of 10 and i10-factor of 27.

I have received 18 grants to carry out major research projects that includes funding from all major Government of India affiliated agencies like – DST, DBT, ICMR, BIRAC and International Collaborations namely from Singapore and Canada.

Sr. No.	Trials Status			Funding Agency	Total Funding Received
	Project Name	Start Year	End Year		
1	<b>Improve Brady</b> (Pacemaker)	2012	2019	INDIA MEDTRONIC PVT LTD	10 Lakh
2	<b>Sleep and Stent Study</b> -Role of sleep apnea in CAD	2013	2015	National University Heart Centre,Singapore	Non-Funding (Investigator Initiated)
3	<b>Improve SCA</b> (ICD)	2014	2017	INDIA MEDTRONIC PVT LTD	
4	<b>The Great National</b> BP Survey	2015	2015	Supported By Cardiological Society of India	
5	<b>"INVICTUS"</b> - Investigation of Rheumatic AF Treatment using vitamin K antagonist, Rivaroxaban or aspirin study.	2017	Ongoing	Population Health Research Institute(Canada)	25 Lakh
6	<b>Myval (TAVI)</b> : A prospective multicenter, single arm, open label study of MyVal TM Transcatheter aortic valve replacement system in the treatment of severe symptomatic native aortic valve stenosis,"	2017	Ongoing	MERIL LIFE SCIENCES PVT LTD	53000/-
7	<b>Parallellex</b> -A 24-week, randomized, double-blind, multi-centre, parallel group, active controlled study to evaluate the effect of LCZ696 on NT-proBNP, symptoms, exercise function and safety	2018	2019	NOVARTIS Healthcare Pvt Ltd.	5 Lakh
8	<b>Systup Study</b>	2019		Serdia Pharma	
9	<b>INVICTUS</b> Registry	2019	Ongoing	Population Health Research Institute(Canada)	

10	<b>ACS-OCT</b> -A prospective, multi-centric study to investigate the plaque characteristics and natural history of lesions in the non-culprit vessels in young Indian patients (<45 yrs.) with ACS undergoing PCI by optical Coherence Tomography (OCT) Imaging	2019	Ongoing	Batra Hospital and Medical Research Centre (BHMRC)	50000/-
11	<b>"SELECT"</b> -Semaglutide effects on cardiovascular outcomes in people with overweight or obesity	2019	Ongoing	Novo Nordisk	17 Lakh
12	<b>ICMR-National Heart Failure Registry</b>	2019	Ongoing	Indian Council of Medical Research	7.25 Lakh
13	<b>AICVD</b> -Artificial Intelligence CVD Study	2020		Microsoft India	
14	<b>Digoxin</b> in patient with RHD a randomized placebo controlled Study	2020		Indian Council of Medical Research	
15	<b>CABP</b> - Relationship and differences between Central Aortic and Peripheral Blood Pressure	2020		Eris Lifesciences Ltd	
16	<b>Pristine</b> Study	2020		Investigator driven	
17	<b>SIB-SHInE</b> ( School of International Biodesign-Synergizing Healthcare Innovation and Entrepreneurship)	2020		Department of Biotechnology GOI	9.89 Cr.
18	<b>Zeus</b> Study	2021		Novo Nordisk	

Owing to the above stated contribution and research the following awards have been received:

- **Prof Dhavendra Kumar Young Investigator Gold Medal** Award for the year 2019
- **Health Icon Award in Cardiology 2019** (Given by Hon'ble Shri Siddhartha Nath Singh, Minister of Health Government of Uttar Pradesh) January 19, 2019
- **Atal Samman 2018 on Atal Jayanti** (Bharat Ratna Hon'ble late Shri Atal Bihari Bajpai) December 25<sup>th</sup>, 2018
- **Dr P C Deedwania CSI Preventive Cardiology Research Award.** Research Titled Syndrome Z- A predictor of angiographically severe coronary artery disease in patients of acute coronary syndrome at 69<sup>th</sup> Annual Conference of CSI 2017 Kolkata. EC Prize of Rs. 50,000/-

- **Award of appreciation** by King George's Medical University for Dedicated Services on 112 Foundation Day, December 2016.
- **Award of excellence** by King George's Medical University for Teaching, Research and Clinical excellence amongst the university faculty. 5<sup>th</sup> September 2012.
- **Second Best Poster Prize**, AICT. Singapore. 2010
- **AV Gandhi award for excellence in Cardiology**, 2008 - For the Best DM Cardiology Thesis in India (Gold Medal & Research Grant of Rs.75,000)
- **Cardiological society of India – Travel award for the Best Research Paper**, At the 59<sup>th</sup> Annual National Conference of Cardiological Society of India (CSI), Hyderabad, December 2007