CURRICULUM VITAE

**DR. MILAN CHAG, MD, DM, DNB, FACC**

**PRESENT POSITION**

* Interventional, Heart Failure and Heart Transplant Cardiologist at Marengo CIMS Hospital, Ahmedabad, India.
* Pioneer in establishing coronary, non-coronary, pediatric and structural heart disease interventional programs in Gujarat, India.
* One of the most experienced cardiologist of India having extensive training at Jaslok Hospital and Research Centre, Mumbai, Christian Medical College, Vellore and Sanjay Gandhi Postgraduate Institute, Lucknow.
* The first doctor from Gujarat to possess two highest degrees in cardiology – DM and DNB. With 30 years of experience in cardiology, he has been appointed as a post-graduate teacher in Cardiology by National Board of Examination, New Delhi – the highest medical education body in India.
* Dr. Milan Chag has been awarded “Distinguished Service Award in Cardiovascular Science, Medicine and Surgery” by International Academy of Cardiovascular Sciences, Winnipeg, Canada in February 2011.
* With 30 years of dedicated work in field of cardiology, he has been awarded with Fellowship of American College of Cardiology.
* Honored with the APG-ORATION AWARD (Association of Physician of Gujarat) at APGCON 2017, Bhuj, Gujarat.
* He is the First/ pioneer Cardiologist of Gujarat for establishing several clinical and Interventional programs in Cardiology:
  + Neonatal and Pediatric Interventions
  + Structural Heart Disease Interventions (Including TAVI/ TAVR/TMVR, Valvuloplasty, Device closure of ASD, VSD and PDA, Para-valvar leaks, Coarctation angioplasty and stenting)
  + Primary Angioplasty in Acute Myocardial Infarction Program
  + Percutaneous Transseptal Myocardial Ablation (Alcohol Septal Ablation) for Hypertrophic Obstructive Cardiomyopathy. Has single operator series of 100 such cases, done successfully so far: the highest number in India
  + Transcatheter Endovascular Aortic Repair (EVAR/ TEVAR) for Aortic Dissection and Aortic Aneurysms.
  + The First Trans-Aortic Transcatheter Aortic Valve Replacement of India – done in March 2015: Successfully Established TAVR program at MCIMS: The team has the highest experience in Gujarat.
  + After getting training of Heart- Lung Transplant and LV Assist Devices (Artificial Heart) at University of Pittsburgh Medical Centre (UPMC), Pittsburgh, USA in March 2016 along with surgical and anesthetist colleagues, established the Heart Transplant Program at MCIMS Hospital by successfully doing heart transplants since December 2016.

**PERSONAL DETAILS OF DR. MILAN CHAG**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date Of Birth** | **Marital Status** | **Spouse** | **Children** | **Natioanality** |
| June 1, 1960. | Married | Preeta | Aenasha and Tanisha | Indian |

**PRESENT AFFILIATIONS / POSITIONS OF DR. MILAN CHAG**

* **Interventional, Heart Failure and Heart Transplant Cardiologist at Marengo CIMS Hospital, Ahmedabad, Gujarat** ([www.cims.org](http://www.cims.org/)) (www.milanchag.org)

**FORMER AFFILIATION OF DR. MILAN CHAG**

* Consultant Cardiologist, GRMI, Ahmedabad (Rajasthan Hospital) 1995-2001
* Head of Cardiology Department, Sterling Hospital, Ahmedabad 2001-2004
* Consultant Cardiologist, V.S. Hospital, Ahmedabad 2006-2008
* Head of Cardiology Department, SAL Hospital, Ahmedabad 2004-2008
* Consultant Cardiologist, Sterling Hospital, Ahmedabad   2008-2010

**PROFESSIONAL FELLOWSHIP OF DR. MILAN CHAG**

* FACC – Fellow of American College of Cardiology, USA

**EDUCATIONAL QUALIFICATIONS OF DR. MILAN CHAG**

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| --- | --- | --- | --- |
| **Sr.No.** | **Examination** | **Institute** | **Year** |
| 1. | SSCE | NMHS, Jamnagar | March 1976 |
| 2. | MBBS | M.P.Shah Medical College Jamnagar | June 1978 to November 1982 |
| 3. | MD(Medicine) | M.P.Shah Medical College Jamnagar | January 1984 to November 1986 |
| 4. | DNB(Cardiology) | Jaslok Hospital & Research Centre, Bombay | August 1987 to July 1989 |
| 5. | DM(Cardiology) | Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow | January 1991 to December 1993 |

**Registration Number of Dr. Milan Chag: G – 13842**

**PROFESSIONAL WORK AND TEACHING POSITIONS**

|  |  |
| --- | --- |
| 1994 – 1995 | Consultant in Cardiology at Institute of Cardiology and Research Centre, Civil Hospital, Ahmedabad |
| 1995 – 2001 | Consultant Cardiologist, GRMI, Rajasthan Hospital, Ahmedabad |
| 2001 – 2004 | Director & Head of Cardiology Department, Sterling Hospital, Ahmedabad |
| 2004 – 2008 | Head of Cardiology Department, SAL Hospital, Ahmedabad |
| 2006 – 2008 | Consultant Cardiologist, V.S. Hospital, Ahmedabad |
| 2008 – 2010 | Consultant Cardiologist, Sterling Hospital, Ahmedabad |
| 2010 – Present | **Interventional, Heart Failure and Heart Transplant Cardiologist at Marengo CIMS Hospital, Ahmedabad, Gujarat** |

**MEMBERSHIP / ACTIVITIES IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

|  |  |
| --- | --- |
| 2017-Present | Indian Society of Heart and Lung Transplant |
| 2005 – Present | Cardiological Society of India |
| 2005 – Present | Pediatric Cardiological Society of India |
| 1992 – Present | Association of Physicians of Gujarat |
| 1992 – Present | Indian Medical Association |

**JOURNAL EDITORSHIP**

|  |  |
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|  | 1. Member, Editorial Board, “Maru Hriday” \* |
|  | 1. Member, Editorial Board, “Healthy Heart” \*\* |
|  | 1. Member, Editorial Board, “CIMS News Care & Cure” \* |
|  | 1. Member, Editorial Board, “Hriday or Dhadkan” \* |

* These are the Journals Published for Patients and Community People. More than 2,00,000 Copies get circulated in western India.
* **\*\*** This Journal is circulated in 30,000 Physicians / Clinicians in western India.

**BOARD CERTIFICATION**

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| --- | --- |
| 08/1987 – 07/1989 | National Board of Examination (Cardiology), Delhi, India |
|  |  |

**LICENSURE INFORMATION**

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| --- | --- |
| 1981 – Present | Permanent license, Gujarat Medical Council |
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**HONOURS, SCHOLARSHIPS AND ACHIEVEMENTS OF DR. MILAN CHAG:**

* Best Outgoing Student at school for securing first rank at each of examinations all throughout the undergraduate study.
* National Merit Scholarship Awarded by Secondary School Certificate Board of Gujarat for excellence at SSC Examination.
* Post-Graduate Merit Scholarship Awarded by Saurashtra University for excellence at MBBS Examination.
* First Doctor from Gujarat to possess two highest Degrees in Cardiology (DM and DNB).
* Dr. Milan Chag has been awarded ““Distinguished Service Award in Cardiovascular Science, Medicine and Surgery” by International Academy of Cardiovascular Sciences, Winnipeg, Canada in February 2011.
* With 30 years of dedicated work in field of cardiology, he has been awarded with Fellowship of American College of Cardiology.
* He is the First/ pioneer Cardiologist of Gujarat for establishing several clinical and Interventional programs in Cardiology:
  + Neonatal and Pediatric Interventions
  + Structural Heart Disease Interventions (Including TAVI/ TAVR/TMVR, Valvuloplasty, Device closure of ASD, VSD and PDA, Para-valvar leaks, Coarctation angioplasty and stenting)
  + Primary Angioplasty in Acute Myocardial Infarction Program
  + Percutaneous Transseptal Myocardial Ablation (Alcohol Septal Ablation) for Hypertrophic Obstructive Cardiomyopathy. Has single operator series of 100 such cases, done successfully so far: the highest number in India
  + Transcatheter Endovascular Aortic Repair (EVAR/ TEVAR) for Aortic Dissection and Aortic Aneurysms.
  + The First Trans-Aortic Transcatheter Aortic Valve Replacement of India – done in March 2015: Successfully Established TAVR program at MCIMS: The team has the highest experience in Gujarat.
  + After getting training of Heart- Lung Transplant and LV Assist Devices (Artificial Heart) at University of Pittsburgh Medical Centre (UPMC), Pittsburgh, USA in March 2016 along with surgical and anesthetist colleagues, established the Heart Transplant Program at MCIMS Hospital by successfully doing heart transplants since December 2016.

**CADIOLOGY EXPERIENCE OF DR. MILAN CHAG:**

* Total Teaching Experience (Medicine Plus Cardiology) since 1983.
* Total Experience in Cardiology since 1986.
* Registrar in Cardiology at Jaslok Hospital and Research Center, Bombay between 1.8.1987 & 31.7.1988 (1 Year).
* Senior Registrar in Cardiology at Jaslok Hospital and Research Centre, Bombay between 1.8.1988 to 31.7.1989 (1 Year).
* Fellow in Cardiology at Christian Medical College Hospital, Vellore between 11.9.1989 and 10.11.1989 (2 Months).
* Practicing Interventional Cardiologist since 1993
* Senior Resident in Cardiology at Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow between 16.3.1990 to 31.12.1993 (3 Years, 8 ½ Months).
* Consultant in Cardiology at Institute of Cardiology and Research Centre, Civil Hospital, Ahmedabad between 1.2.1994 to 30.9.1995 (1Year, 8Months).
* Extensive experience in Clinical, Noninvasive and Interventional Cardiology. One of the most versatile interventional cardiologist-routinely doing all types of CORONARY, PERIPHERAL, NEONATAL, PEDIATRIC and STRUCTURAL HEART DISEASE Interventions.

**SCIENTIFIC COMMITTEE CHAIRMAN AND COURSE DIRECTOR FOR**:

* JIC 2019-2022: Organized by CIMS, Ahmedabad
* JIC 2018 (January 5-7, 2018): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: <http://www.jicindia.org/> OR [www.cimsre.org](http://www.cimsre.org/)

* JIC 2017 (January 6-8, 2017): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: <http://www.jicindia.org/> OR [www.cimsre.org](http://www.cimsre.org/)

* JIC 2016 (January 8-10, 2016): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: <http://www.jicindia.org/> OR [www.cimsre.org](http://www.cimsre.org/)

* JIC 2015 (January 23-25, 2015): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: <http://www.jicindia.org/> OR [www.cimsre.org](http://www.cimsre.org/)

* JIC 2014 (January 10-12, 2014): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: <http://www.cimscon.com/> OR [www.cimsre.org](http://www.cimsre.org/)

* CIMSCON 2013 (January 4-6, 2013): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: <http://www.cimscon.com/>

* CIMSCON 2012 (January 6-8, 2012): Tagore Hall and CIMS Hospital, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic

         Website: http://www.cimscon.com/

* CIMS-3C-CON 2011(February 1-6, 2011) –MS University, Baroda and Tagore Hall, Ahmedabad: Organized by Care Institute of Medical Sciences & The Heart Care Clinic, International Academy of Cardiovascular Sciences, International Society for Heart Research, Maharaja Sayajirao University of Baroda

         Website: http://www.cimscon.com/

* 3-C Con 2010 (Jan 8 - 10, 2010) – Tagore Hall, Ahmedabad: Organized by The Heart Care Clinic.

  Website: [http://www.cimscon.com/Previous%20Conferences%20PDF/3-C%20Con%202010.pdf](http://www.cimscon.com/Previous%2520Conferences%2520PDF/3-C%2520Con%25202010.pdf)

* 3-C Con 2009 (Jan 9 - 11, 2009) – Tagore Hall, Ahmedabad: Organized by The Heart Care Clinic.

         Website:http://www.indianheart.com/3ccon2010/images/First%20Announcement%20(17-3-2009)-4.pdf

* 3-C Con 2008 (Jan 11- 13, 2008) – Tagore Hall, Ahmedabad: Organized by The Heart Care Clinic.

         Website: [http://www.indianheart.com/3-C%20Con%202008.pdf](http://www.indianheart.com/3-C%2520Con%25202008.pdf)

* 3-C Con 2007 (Jan 26 – 28, 2007) – “Recent Updates in Cardiovascular Medicine”, Tagore Hall, Ahmedabad: Organized by The Heart Care Clinic.

         Website: [http://www.indianheart.com/3-C%20Con%202007.pdf](http://www.indianheart.com/3-C%2520Con%25202007.pdf)

* 3-C Con 2006-“Novelties and Advances in Cardiovascular Medicine”,Nirma University, Ahmedabad: Organized by The Heart Care Clinic.

         Website: [http://www.indianheart.com/3-C%20Con%202006.pdf](http://www.indianheart.com/3-C%2520Con%25202006.pdf)

* “Joint International Conference” (JIC) -2005, 31st Dec 2004 to 2nd Jan 2005.( 800 + delegates conference with over 50 International Faculty)

         Website: <http://www.indianheart.com/JIC-2005.pdf>

**THE CONFERENCES WAS JOINTLY ORGANIZED BY:**

1) Care Cardiovascular Consultants

2) International Academy of Cardiovascular Sciences (India Section)

3) International Society for Heart Research (India Section)

**In Association with**:

4) American Association of Physicians of Indian Origin (AAPI)

5) American Association of Cardiologists of Indian Origin (AACIO)

6) Gujarat Medical Education and Research Society (GMERS Sola)

**INTERNATIONAL CLINICAL TRIALS**

1. Co-Investigator for RUBY registry (For India) (2002). To evaluate Percusurge / Guardwire Distal Protection Device (Presented by Dr. Aman, Switzerland). Presented TCT October 2003, Sponsored by Medtronics Pvt. Ltd. Trial Completed
2. Co-Investigator at Sterling Hospital for Extract-TIMI 25 Multicentre multinational Trial (2003). Enoxaparin and Thrombolysis Reperfusion for Acute Myocardial Infarction Treatment Thrombolysis in Myocardial Infarction –Study 25. Presented at ACC 06. Trial Completed
3. To Evaluate the Efficacy and Safety of Fondaparinux versus Enoxaparin in the Acute Treatment of Unstable Angina or Non ST-Segment Elevation Myocardial Infarction Acute Coronary Syndromes. Presented in ESC, Stockholm, Sweden. Trial Completed
4. Co-Investigator for OASIS-6 Trial (2004). To Evaluate the Efficacy and Safety of Fondaparinux Sodium versus Control Therapy and Glucose-Insulin-Potassium Infusion versus Control in Broad Range in Patients with ST -Segment Elevation Acute Myocardial Infarction. Presented at ACC 06. Trial Completed
5. Co-Investigator for TRUST Trial (2004). To Evaluate the Safety and Efficacy of Intravenous Remodulin®in Patients (in India) with Pulmonary Arterial Hypertension (PAH) in 12-week. Trial completed.
6. Principal Investigator for Paediatric Hypertension Trial (2005). Dose Ranging Study to Evaluate the Safety and Efficacy of Olmesartan medoxomil in Children and Adolescents with Hypertension. Trial completed.
7. Principal Investigator for Paediatric Hypertension Trial: ACEI in Paediatric hypertension, 2006-7
8. Co-Investigator for Hypercholesterol study (NK-104-301) at The Heart Care Clinic/CIMS (2005). Study of Pitavastatin 2 mg vs. Atorvastatin 10 mg and Pitavastatin 4 mg vs. Atorvastatin 20 mg (Following Up Titration) in Patients with Primary Hypercholesterolemia or Combined Dyslipidemia. Trial completed.
9. Co-Investigator for Neovasc Reducer™ Pilot Study, First in human: (2005). To Evaluate the Safety of the Neovasc Reducer™ in the Treatment of Ischemic Heart Disease (IHD), Controlled Narrowing of the Coronary Sinus. Presented at TCT, 2005. Trial Completed
10. Co-Investigator For PAPIRUS Trial: Pilot Study, First in Human: Apollo Hospital (2005). Monitoring Pulmonary Artery Pressure by Implantable Device Responding to Ultrasonic Signal (REMON Device). Trial completed
11. Co-Investigator for Export study (2006). Flow Improvement in Patients with Acute Myocardial Infarction Undergoing Either Conventional Stenting or a Strategy of Primary Aspiration Followed by Stenting Using the Export® Aspiration Catheter: a Prospective, Randomized, Controlled Study. Trial completed.
12. Co-Investigator for E-five registry (for India) (2006). To Evaluate the ‘Real World’ Clinical Performance of the Medtronic Endeavor™ ABT-578 Eluting Coronary Stent System. Trial completed.
13. Co-Investigator for RELY study (2006). Randomized Evaluation of Long Term Anticoagulant Therapy Comparing Efficacy and Safety of Two Blinded Doses of Dabigatran etexilate with Open Label Warfarin for the Prevention of Stroke and Systemic Embolism in Patients with  Non-Valvular Atrial Fibrillation : Prospective, Multi-Centre, Parallel Group, Non-Inferiority Trial. Trial completed
14. Co- Investigator for RELY ABLE study (2009). Long Term Multi-center Extension of Dabigatran Treatment in Patients with Atrial Fibrillation Who Completed the RELY Trial and a Cluster Randomized Trial to Assess the Effect of a Knowledge Translation Intervention on Patient Outcomes. Trial completed.
15. Co-Investigator for Hypercholesterolemia study (NK-104-307) at The Heart Care Clinic/CIMS (2006). Open Label, Long-Term (1year) Extension Study of Pitavastatin 4 mg QD in Patients with Primary Hypercholesterolemia or Combined Dyslipidemia. Trial completed.
16. Co-Investigator for e-SELECT Registry (2007). The e-SELECT Registry: A Multicenter Post Marketing Survelliance. Trial completed.
17. Co-Investigator for Early ACS trial (2007). Early Glycoprotein IIb/IIIa Inhibition in Non-ST-segment Elevation Acute Coronary Syndrome: A Randomized, Placebo-Controlled Trial Evaluating the Clinical Benefits of Early Front-loaded Eptifibatide in the Treatment of Patients with Non-ST-segment Elevation Acute Coronary Syndrome (EARLY ACS). Trial Completed.
18. Co-Investigator for PLATO trial (2007). A Randomized, Double-blind, Parallel Group, Phase 3, Efficacy and Safety Study of AZD6140 Compares with Clopidogrel for Prevention of Vascular Events in Patients with Non-ST or ST Elevation Acute Coronary Syndromes (ACS) [PLATO – A study of PLATelet inhibition and Patient Outcomes.] Trial completed.
19. Co-Investigator for OASIS- 7 trial (2007). Randomized, Multinational, Double-blind study, Comparing a High Loading Dose Regimen of Clopidogrel versus Standard Dose in Patients with Unstable Angina or Non-ST Segment Elevation Myocardial Infarction Managed with an Early Invasive Strategy. Trial completed.
20. Co- Investigator for New Guidewire (2007). First in Man: A Feasibility Study to Evaluate Safety and Efficacy of New Guidewire for Crossing Total Occlusions in Coronary Arteries. Trial completed.
21. Co-Investigator for Paediatric Hypertension Trial, The Heart Care Clinic/CIMS, Ahmedabad (2007). A Randomized, Double blind, Placebo-Controlled, Multicenter, Parallel Study Assessing the Efficacy, Safety, and Dose Response of Ramipril for the Treatment of Hypertension in Children and Adolescents. Trial completed.
22. Co-Investigator for Aristotle Trial at The Heart Care Clinic/CIMS, Ahmedabad (2007). Apixaban for Reduction in Stroke and Other Thromboembolic Events in Atrial Fibrillation: Active Controlled Randomized Double Blind Parallel Arm Study to Evaluate Efficacy and Safety of Apixaban in Subject with  Non-valvular Atrial Fibrillation. Trial completed.
23. Co-Investigator for Rocket Trial at The Heart Care Clinic/CIMS, Ahmedabad (2007). Multicenter, Randomized, Double-blind – Dummy, Parallel-group, Non-inferiority Trial Comparing the Efficacy and Safety of Once-daily Oral Rivaroxaban (BAY 59-7939) with Adjusted-dose Oral Warfarin for the Prevention of Stroke and Non-central-nervous-system Systemic Embolism in Subjects with Non-valvular Atrial Fibrillation. Trial completed.
24. Co-Principal Investigator for PROTECT Trial (2007). Patient Related Outcomes with Endeavor versus Cypher Stenting Trial: Prospective, Multicenter, Randomized, Two-arm, Open-label Trial. Trial Completed
25. Co-Investigator for TMC-CAN-05-02 (2007). A Clinical Trial Comparing Cangrelor to Clopidogrel in Subject who Require Percutaneous Coronary Intervention. Trial completed.
26. Co-Investigator for TMC-CAN-05-03 (2008). A Clinical Trial Comparing Treatment with Cangrelor (in combination with usual care) to Usual Care in Subjects who Require Percutaneous Coronary Intervention. Trial completed.
27. Co-Investigator for RELY AF Registry (2008).: Risk Factors, Treatments and Outcomes for Emergency Department Patients with Atrial Fibrillation in Multiple Regions of the World. Trial Completed.
28. Co-Investigator for CL (Ivabradine) at The Heart Care Clinic/CIMS (2008). Evaluation of the Anti-anginal Efficacy. Trial Completed.
29. Co-Investigator for RE-DEEM at The Heart Care Clinic/CIMS (2008). Randomized Dabigatran Etexilate Dose Finding Study in Patients with Acute Coronary Syndromes Post Index Event with Additional Risk Factors for Cardiovascular Complications also Receiving Aspirin and Clopidogrel: Multi-centre, Prospective, Placebo Controlled, Group Dose Escalation Trial. Trial completed.
30. Co-Investigator for Magellan Trial (2008). A Multicenter, Randomized, Parallel-group Efficacy Superiority Study in Hospitalize Medically Ill Patients Comparing Rivaroxaban with Enoxaparin. Trial completed.
31. Co-Investigator for Borealis Trial at The Heart Care Clinic/CIMS Ahmedabad (2008). A Multicenter, Randomized, Double-blind, Assessor-blind, Non-inferiority Study Comparing the Efficacy and Safety of Once-weekly Subcutaneous Biotinylated Idraparinux (SSR126517E) with Oral Adjusted-dose Warfarin in the Prevention of Stroke and Systemic Thromboembolic Events in Patient with Atrial Fibrillation. Trial Completed.
32. Co-Investigator for Freedom-PAH at The Heart Care Clinic/CIMS. FREEDOM UT –15C Studies (TDE-PH-302 and TDE-PH-304) Conducted by United Therapeutics. Follow ups Ongoing.
33. Co-Investigator for ORBIT – 1. Pilot Study to Evaluate the Safety & Performance or the Diamondback 360TM Orbit Atherectomy System in Treating De Novo Calcified Coronary Lesions – Orbit –I. Trial completed.
34. Co-Investigator for AVERROES at The Heart Care Clinic/CIMS. CV 185-048: A Phase 3, Active (Aspirin) Controlled, Randomized, Double-Blind, Parallel Arm Study to Evaluate the Efficacy and Safety of Apixaban in Preventing Stroke and Systemic Embolism in Patients with Non-valvular Atrial Fibrillation. Trial Completed.
35. Co-Investigator for Red-HF at The Heart Care Clinic/CIMS. A Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy and Safety of Darbepoetin Alfa Treatment on Mortality and Morbidity in Heart Failure (HF) Subjects with Symptomatic Left Ventricular Systolic Dysfunction  and Anemia –. Trial Completed.
36. Co-Investigator for TAK-442-202 at The Heart Care Clinic/CIMS. A Phase II, Double-blind, Randomized, Placebo-controlled Study of the Safety and Efficacy of TAK-442 in Subjects with Acute Coronary Syndrome. Trial completed.
37. Co-Investigator for EISAI-202 at The Heart Care Clinic/CIMS. A Randomized, Double-Blind Placebo Controlled Study of the Safety and Tolerability of E5555 and its Effect on Clinical Event and Biomarkers in Patient with Non-ST Segment Elevation Acute Coronary Syndrome. Trial completed.
38. Co-Investigator for E-Resolute at the Heart Care Clinic/CIMS. Evaluation of the Endeavor Resolute Zotarolimus -Eluting Coronary Stent System in a ‘Real World’ Patient Population. Follow-up ongoing.
39. Co-Investigator of RIVAROXABAN at The Heart Care Clinic/CIMS. Randomized, Double Blind, Placebo Controlled, Event Driven, Multi-Center Study To Evaluate The Efficacy And Safety of Rivaroxaban in Subjects With Recent ACS. Trial completed.
40. Co-Investigator of Pfizer PAH at The Heart Care Clinic/CIMS B1321001. A Phase 3, Multi-center, Randomized, Double Blind, Placebo Controlled, Safety and Efficacy Study of Sitaxsentan Sodium in Subjects with Pulmonary Arterial Hypertension. Trial Completed
41. Co-Investigator of Pfizer PAH at The Heart Care Clinic/CIMSB1321002. A Phase 3, Multi Center, Open Label Study To Evaluate The Long Term Safety of Monotherapy Sitaxsentan Sodium And Combination Therapy With Sitaxsentan Sodium And Sildenafil Citrate In Subjects With Pulmonary Arterial Hypertension. Trial Completed
42. Co-Investigator of Pfizer PAH at The Heart Care Clinic/CIMSB1321003. A Phase 3, Multi Center, Randomized, Double Blind, Efficacy and Safety Study of Monotherapy Sitaxsentan Sodium versus Combination Therapy with Sitaxsentan Sodium and Sildenafil Citrate in Subjects with Pulmonary Arterial Hypertension who have Completed Study B1321001. Trial Completed
43. Principal Investigator of LPL STABILITY at The Heart Care Clinic/CIMS. A Clinical Outcome Study of Darapladib versus Placebo in Subjects with Chronic Coronary Heart Disease to Compare the Incidence of Major Adverse Cardiovascular Event (MACE). Trial Completed.
44. Co-Investigator of OASIS-8 at The Heart Care Clinic/CIMS. A Prospective Study Evaluating the Safety of Two Regimens of Adjustive Intravenous UFH PCI in High Risk Patients with UA/NSTEMI Initially Treated with Subcutaneous Fondaparinux and Referred for Early Coronary Angiography. Trial Completed
45. Co-Investigator of STEM CELL. A Randomized, Double Blind, Multi Centric, Placebo Controlled, Single Dose, Phase I/II Study Assessing the Safety and Efficacy of Intravenous Ex Vivo Cultured Adult Allogenic Mesenchymal Stem Cell in Patients with ST Elevated Acute MI  (STEMI) Trial Completed.
46. Co-Investigator for RUBY 1Trial at The Heart Care Clinic /CIMS Ahmedabad (2010). A Randomized, Double Blind, Placebo Controlled, Multicentre and Parallel Group Study of the Safety, Tolerability, and Efficacy of YM150 in Combination with  Standard Treatment in Secondary  Prevention of Ischemic Vascular Events in Subjects with Acute Coronary Syndromes. Trial Completed.
47. Co-Investigator for AmarinTrial at The Heart Care Clinic/CIMS Ahmedabad (2010). A phase 3, Multi centre, Placebo Controlled, Randomized, Double Blind, 12 Week Study with an Open Label Extension to Evaluate the Efficacy and Safety of AMR101 in Patients with Fasting Triglyceride Levels > 500 mg/dl and < 2000 mg/dl. Trial Completed.
48. Co-Investigator for AppraiseTrial at The Heart Care Clinic/CIMS Ahmedabad (2010). A Phase III, Randomized, Double Blind, Evaluation of the Safety and Efficacy of Apixaban in Subjects with a Recent Acute Coronary Syndrome. Trial Completed.
49. Co-Investigator for SAS HF Trial at The Heart Care Clinic/CIMS Ahmedabad (2008). South Asian Systolic Heart Failure Registry. Trail completed.
50. Co-Investigator for TRAC HF Trial at The Heart Care Clinic/CIMS Ahmedabad (2009). TRAC HF: Ambulatory Monitoring Using External Physiological Sensors in Heart Failure Patients. Trial Completed.
51. Co-Investigator for DOT HF Trial at The Heart Care Clinic/CIMS Ahmedabad (2009). DOT-HF- Diagnostic Outcome Trial in Heart Failure. Trial Completed.
52. Co-Investigator for T BEST D Trial at The Heart Care Clinic/CIMS Ahmedabad (2009). T-BEST-D: Temporary Bronchial Epicardial Stimulation – Defibrillation Clinical Study Version dated: June 28, 2009.  Trial Completed.
53. Co-Investigator for ALECARDIO Trial at The Heart Care Clinic/CIMS Ahmedabad (2010). A phase 3 Multicenter, Randomized, Double-blind, Parallel Group, Placebo Controlled Study Cardiovascular Outcome Study to Evaluate the Potential of Aleglitazar to Reduce Cardiovascular Risk in Patients with a Recent Acute Coronary Syndrome ( ACS) Event and Type 2 Diabètes Mellites (T2D). Trial Completed.
54. Co-Investigator for TIMI 52 Trial at The Heart Care Clinic / CIMS Ahmadabad (2010). A Phase 3 Multicenter, Randomized, Double-blind, Parallel Group, Placebo Controlled Study of Darapladib versus Placebo in Subject Following Acute Coronary Syndrome  to Compare the Incidence of Major Adverse Cardiovascular Events. Trial Completed.
55. Co-Investigator for SOLISTICE trial at CIMS Hospital Ahmadabad (2011). A Randomized ,Double-blind, Placebo-controlled Study to Evaluate the Safety of 12 Weeks of Dosing with GW856553 and its Effects on Inflammatory Markers, Infract Size, and Cardiac Function in Subjects with Myocardial Infarction without ST Segment Elevation. Trial Completed.
56. Co-Investigator for CANVAS study at CIMS Hospital Ahmadabad (2011). A Randomized. Double-blind, Parallel, Placebo-Controlled, Multicenter Study of the Effects of JNJ-28431754 on Cardiovascular Outcomes in Adult Subjects With Type 2 Diabetes Mellitus. The CANVAS Trial (CANagliflozin cardioVascular Assessment Study). Follow ups Ongoing.
57. Co-Investigator of study ATTAIN at CIMS Hospital Ahmadabad (2011). A Prospective, Non-randomized, Multi-center, Post-market, Global Clinical Trial to Assess Left-heart Lead Implant and Complication Rate Using the Medtronic Attain Family of Left-heart Leads and Delivery Catheters. Trial Completed.
58. Co-Investigator for TIMI 53 at CIMS Hospital Ahmadabad (2011). A Multicenter, Randomized, Double-Blinded, Placebo-Controlled Phase IV Trial to Evaluate the Effect of Sexagliptin on the Incidence of Cardiovascular Death, Myocardial Infarction or Ischemic Stroke in Patient with Type 2 Diabetes. Trial Completed.
59. Co-Investigator of study OPTIMIND at CIMS Hospital Ahmadabad (2011). Clinical Outcome of Pacemaker Patients According to Pacing Modality and Primary Indications. Trial Completed.
60. Co-Investigator of study SST at CIMS Hospital Ahmadabad (2011). The Pain Free SST (Smart Shock Technology) Clinical Study. Trial Completed.
61. Co-Investigator for VISTA 16 study at CIMS Hospital Ahmedabad (2011).  Evaluation of the Safety and Efficacy of Short-term A-002 Treatment in Subjects with Acute Coronary Syndrome (ACS). VISTA-16: Vascular Inflammation Suppression to Treat Acute coronary syndrome for 16 weeks. Trial Completed.
62. Co-Investigator for TAO study at CIMS Hospital Ahmedabad (2011). Randomized, Double-blind, Triple-dummy Trial to Compare the Efficacy of Otamixaban with Unfractionated Heparin + Eptifibatide, in Patients with Unstable Angina/Non ST Segment Elevation Myocardial Infarction Scheduled to Undergo an Early Invasive Strategy”. Trial Completed.
63. Co-Investigator for APOLLO study at CIMS Hospital Ahmedabad (2011). A Randomized Controlled Trial of Aliskiren in the Prevention of Major Cardiovascular Events in Elderly People Aliskiren Prevention Of Later Life Outcomes (APOLLO). Trial Completed.
64. Co-Investigator for DELIVER study at CIMS Hospital Ahmedabad (2011).DELiverability of Resolute Integrity Stent In all- Comer Vessels and Cross Over Stenting**”.**Trial Completed.
65. Co-Investigator for EPICOR ASIA study at CIMS Hospital Ahmedabad (2011). Long term follow up of antithrombotic management patterns In Acute CORonary Syndrome patients in Asia. Trial Completed.
66. Co- Investigator for REMOTE-EVIA study at CIMS Hospital Ahmedabad (2011). Registry for Pacemaker Offering Therapy Enhancement- EVIA. Trial Completed.
67. Co-Investigator for ABSORB Extend (2011)A Continuation in the Clinical Evaluation of the Abbott Vascular Everolimus-Eluting Bioresorbable Vascular Scaffold in the treatment  of Subjects with de novo Native Coronary Artery Lesions. Trial Completed.
68. Co- Investigator for IHRS study at CIMS Hospital Ahmedabad (2011). Indian Heart Rhythm Society (IHRS) Registry of Atrial Fibrillation: Patient Characteristics and Clinical Management Practices. Trial Completed.
69. Co-Investigator for SureScan Pacing System Post-Approval Study at CIMS Hospital, Ahmedabad (2012). Trial Completed.
70. Co-Investigator for BISO-CAD(2012). A study to investigate the association between resting heart rate (HR) and prognosis of patients with Coronary Artery Disease (CAD) treated with bisoprolol . Trial completed.
71. Co-Investigator for IMPROVE-Brady study at CIMS Hospital, Ahmedabad (2012). Recruitment Ongoing.
72. Co-Investigator for Medtronic Symplicity (2013) HTN-INDIA (CIP: 10054637DOC):  Single-arm Study of Symplicity™ Renal Denervation System in Patients with Uncontrolled HyperTensioN in India - HTN-India. Trial Completed.
73. Co-Investigator for Panorama 2 Registry at CIMS Hospital, Ahmedabad (2012). Medtronic CRDM Implantable Cardiac Device Long Term Registry. Follow up Ongoing
74. Co-Investigator for CAD-PAD Registry at CIMS Hospital, Ahmedabad (2013). Coronary and Peripheral Artery Disease Registry. Trial Completed
75. Co-Investigator for A Double-blind, Randomized, Placebo controlled, multicenter study assessing the impact of additional LDL-Cholesterol reduction on Major cardiovascular events when AMG 145 is used in combination with statin therapy in patients with clinically evident cardiovascular disease. Study Completed.
76. Co-Investigator for To Evaluate The Role Of Radiation Protection Technology (CardiotrapTM) In Improving Radiation Safety In Diagnostic And Interventional Percutaneous Cardiology Procedures. Investigator Initiated Study. Recruitment Ongoing.
77. Co-Investigator for Safety and Efficacy of Axiostat® hemostatic dressing on radial access after percutaneous procedure: A comparative open label study. Investigator Initiated Study. Recruitment Ongoing.
78. Co- Investigator for A Phase III, International, Multi-Centre, Randomized, Double-Blinded, Placebo-Controlled, Clinical Worsening study of UT-15C in Subjects with Pulmonary Arterial Hypertension Receiving Background oral Monotherapy. Recruitment Ongoing.
79. Co- Investigator for An Open-Label Extension study of UT- 15C in subjects with Pulmonary Arterial Hypertension – A Long-Term Follow up to Protocol TDE-PH-310. Recruitment Ongoing.
80. Principal Investigator for A Multinational, Randomised, Double-Blind, Placebo-Controlled Trial to Evaluate the Effect of Ticagrelor twice daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Stroke in Patients with Type 2 Diabetes Mellitus. Follow up Ongoing.
81. Co – Investigator for A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Effect of Dapagliflozin 10 mg Once Daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Ischemic Stroke in Patients with Type 2 Diabetes. Follow up Ongoing.
82. Co-Investigator for TWILIGHT-Ticagrelor with Aspirin or alone in high risk patients after coronary intervention. Recruitment Ongoing.
83. Co-Investigator for REDUAL-PCI at CIMS Hospital, Ahmedabad (2014). A prospective Randomised, open label, blinded endpoint (PROBE) study to Evaluate DUALantithrombotic therapy with dabigatran etexilate (110mg and 150mg b.i.d.) plus clopidogrel or ticagrelor vs. triple therapy strategy with warfarin (INR 2.0 – 3.0) plus clopidogrel or ticagrelor and aspirin in patients with non valvular atrial fibrillation (NVAF) that have undergone a percutaneous coronary intervention **(PCI)** with stenting (RE-DUAL PCI).  Follow up Ongoing.
84. Co-Investigator for Asian HF Registry at CIMS Hospital Ahmedabad(2012)Asian Sudden Cardiac Death in Heart Failure.Recruitment Ongoing.
85. Co-Investigator for PRISM at CIMS Hospital, Ahmedabad (2012). A Prospective Multi-Centre Registry to Investigate Safety and Effectiveness of  M’Sure-S (Sirolimus Eluting Coronary Stent). Follow up Ongoing.
86. Principal Investigator forEResolute Asia at CIMS Hospital, Ahmedabad (2010). Evaluation of the Endeavor Resolute Zotarolimus-Eluting Coronary Stent System in a Patient Population with Long Lesion(s) and/or Dual Vessels in Asia; Prospective, Multi-center, Non-randomized Study. Follow up Ongoing.
87. Co-Investigator for INSPIRE-ELR at CIMS Hospital, Ahmedabad (2013). - IdeNtifying High riSk Patients Post Myocardial Infarction with REduced Left Ventricular Function using External Loop Recorders. Follow up Ongoing.
88. Co-Investigator for Improve SCA at CIMS Hospital, Ahmedabad (2014).For Improve Sudden Cardiac Arrest study. Recruitment Ongoing.
89. Co-Investigator for REPORT HF at CIMS Hospital, Ahmedabad (2014).International Registry to assess mEdical Practice with lOngitudinal obseRvation for Treatment of Heart Failure. Follow up Ongoing.

**NATIONAL CLINICAL TRIALS**

1. Co-Investigator for BIVAFLO Registy (2006). To evaluate the Efficacy and Safety of BIVAFLO® as an Adjunctive Therapy During PCI in Moderate-high Risk ACS Patients with Provisional GP IIb/IIIa Inhibitors Use. (Completed)
2. Co-Investigator for CORREL + C Trial (2006). The COREL C Registry: A Multicentre Post Marketing Surveillance for Clinical and Angiographic Evaluation of Corel C Stent. (Completed)
3. Co-Investigator for POLYCAP Trial at The Heart Care Clinic/CIMS Ahmedabad(2007). A Randomized Double blind controlled trial of the efficacy And safety of POLYCAP Vs its components in subjects With at least one additional cardiovascular risk factor. (Completed)
4. Co-Investigator for ACUNOVA Trial (2006-2007). A phase III, open label, multi-centric, parallel group,  Randomized study to evaluate the safety and efficacy of Abciximab in Indian patients scheduled for Percutaneuos Coronary Intervention. (Completed)
5. Co - Investigator for ZYHI Trial at The Heart Care Clinic Ahmedabad (2007) Trial Completed.
6. Co-Investigator for “The Dyslipidemia REMAINS Study” - A multicenter, prospective, observational study of lipid profiles and treatment patterns at presentation and after 12 weeks of statin therapy among Indian adults presenting with first coronary event, ongoing at CIMS Hospital Ahmedabad (2012). Recruitment Ongoing.
7. Co-Investigator for HF-Registry at CIMS Hospital, Ahmedabad (2012).  A prospective, open label, multi-centric, observational registry for heart failure patients across India. Recruitment Ongoing.
8. Co- Investigator for “The International Polycap Study 3” (TIPS 3) at CIMS Hospital, Ahmedabad (2012) – A randomized double-blind placebo-controlled trial for the evaluation of a polycap, low dose aspirin and vitamin D supplementation in primary prevention. Recruitment Ongoing.
9. Co-Investigator for BioMime Morph at CIMS Hospital, Ahmedabad (2016).  A prospective, single-arm, multi-centre, observational, real world, post-marketing surveillance to evaluate safety and performance of the BioMime™ Morph Sirolimus Eluting Coronary Stent System for very long coronary lesions. Recruitment Ongoing
10. Co-Investigator for TREASURE at CIMS Hospital, Ahmedabad (2015).A non-inTeRventional prospEctive observationAl Study to Understand the usage pattern of Ticagrelor in Indian patients with acute coronaRy syndromE (TREASURE). Follow Up Ongoing.

**TEACHING AND INVITED LECTURES:**

|  |  |
| --- | --- |
| 2014-2022 | Faculty at various national level conferences: CSI, PCSI, India Live, India Valves, TCT-India, Sentient |
| July 2013 | Bifurcation Summit, New Delhi |
|  | CIMS-CON 2012, 2013, Ahmedabad |
| 2012 | India Live – 2012, Delhi |
| 2012 | Pediatric CSI, Chennai |
| 2011 | Euro PCR, Paris, France |
|  | CIMS-3C-CON 2011, Ahmedabad |
|  | 3-C Con 2007, 2008, 2009, 2010, Ahmedabad |
|  | 3-C Con 2006- Novelties and Advances in Cardiovascular Medicine, Nirma University, Ahmedabad |
|  | “Joint International Conference” (JIC) -2005 |
| 2003, 2004, 2005, | National Conference of Pediatric Cardiology**,** Ahmedabad |
| 01/2011 | Annual Conference of Association of Physician of India, Ahmedabad |
| 2011 | Inida-live-2011, Mumbai |
| 2010 | Euro PCR, Paris, France |
| 2010 | Pediatric CSI, Mumbai |
| 2010 | Annual Cardiology Conference, Kathmandu, Nepal |
| 12/2010 | 1ST Advanced Clinical Course of Cardiology in association with faculty of Cleveland Clinics, Ahmedabad, India |
| 2009 | World Congress of Pediatric Cardiology and Cardiac Surgery (WCPCCS), Cairns, Australia |
| 2009 | TCT Asia Pacific, Seoul |
| 2009 | Pediatric CSI, Chandigarh |
| 2008, 2009 | Best of ESC |
| 2008 | Pediatric CSI, Kochi |
| 2007 | TCT Asia Pacific, Seoul |
| 2007 | Pediatric CSI, Delhi |
| 2007 | Annual Cardiology Conference of Nepal |
| 2007 | Critical Issues in Interventional Cardiology, Munich, Germany |
| 2006 | Pediatric CSI, Hyderabad |
| 2006 | CSI, Delhi |
| 2004 | 1. Symposium: Emerging Concepts in Cardiology, 24 & 25 Jan. 2004 and 4 & 5 Sep. 2004 2. Seminar on Congenital Heart Disease, 25 Jul. 2004 and 11 Dec. 2004 3. Symposium: EKG, Arrhythmias & EP Studies, 21 & 22 Feb. 2004 and 9 & 10 Oct. 2004 4. Comprehensive CPR & Critical Care Course, 20& 21 Mar. 2004 and 14 & 15 Aug 2004 5. Comprehensive Echocardiology Course, 3 & 4 Jan 2004 and 10 & 11 Jul 2004 |
| 2003 | 1. SAARC cardiology conference, Kathmandu, Nepal 2. Comprehensive Arrhythmia and Interventional Electrophysiology - 11 & 12 January 2003 3. Basic and Advanced Course in Cardiopulmonary Resuscitation  Feb 8 & 9, 2003 4. Symposium and Update in Cardiovascular Disease, March 8 & 9, 2003 5. Comprehensive ECG, Arrhythmias & Electro-Physiology Course, April 26  & 27, 2003 6. Comprehensive Echocardiography Course, June 27, 28 & 29, 2003 7. Updates in Congenital Heart Disease, July 13, 2003 8. Updates in Cardiology for Family Physicians , 20 July 2003 9. Symposium and Update in Cardiovascular Disease, August 2 & 3, 2003 10. Comprehensive ECG, Arrhythmias & Electro-Physiology Course, August 30 & 31, 2003 11. Cardio-Pulmonary Resuscitation and Critical Care, September 13 & 14, 2003 12. Symposium and Update in Cardiovascular Disease, September 27 & 28, 2003 13. Comprehensive ECG, Arrhythmias & Electro-Physiology Course, November 8 & 9, 2003 14. Cardio-Pulmonary Resuscitation and Critical Care, November 22 & 23, 2003 15. Updates in Congenital Heart Disease, December 13 & 14, 2003 |
| 2002 | 1. Symposium and Update in Cardiovascular Disease - 10 & 11 August 2002 2. Symposium and Update in Cardiovascular Disease - 14& 15 September 2002 3. Advances in Pediatric Cardiology - 17 Nov 2002 4. Symposium and Update in Cardiovascular Disease - 21 & 22 December 2002 |

**1995-2004**

Organized over 30 symposia/conferences in Gujarat.

**FACULTY FOR :**

* SAARC cardiology conference, Kathmandu, Nepal, 2003
* Pediatric CSI, Hyderabad, Year 2006
* CSI,Delhi, Year 2006
* TCT Asia Pacific, Seoul, Year 2007
* Pediatric CSI, Delhi, Year 2007
* Annual Cardiology Conference of Nepal, 2007
* Critical Issues in International Cardiology, Munich, Germany, 2007
* Best of ESC, Year 2008
* Pediatric CSI, Kochi, Year 2008
* TCT Asia Pacific, Seoul, Year 2009
* Pediatric CSI, Chandigarh, Year 2009
* Best of ESC, Year 2009
* 1ST Advanced Clinical Course of Cardiology in association with faculty of Cleveland Clinics, December 2010, Ahmedabad, India.
* Pediatric CSI, Mumbai, Year 2010
* Annual  Cardiology Conference, Kathmandu, Nepal, 2010
* World Congress of Pediatric Cardiology and Cardiac Surgery (WCPCCS), Cairns, Australia, 2009
* Euro PCR, Paris, France, 2010
* Annual Conference of Association of Physician of India, January 6-9, 2011, Ahmedabad, India.
* Paediatric CSI: 2006 to 2017
* Inida-Live-2011 to 2022
* TCT-India: 2014, 2015
* ACC- 2003, 2016
* India Valve: 2017-2022
* Indian College of Cardiology: 2017

**BIBLIOGRAPHY**

NATIONAL & INTERNATIONAL PUBLICATIONS

1. **Dissertation:** “Clinical Profile of Right Ventricular Infraction” submitted to Saurashtra University for MD Examination November 1986.
2. Yajnik V.H., Vatsraj D.J., Jobanputra R.H.,**Chag M.C.**, Vacchani M.P.: A Comparative Evaluation of Two Antidiarrhoeal Agents in Acute Diarrhoea in Adults. Guj. Medical J 1986, 10:108.
3. Yajnik V.H., **Chag M.C.**, Glimpses of Progress in Management of Essential Hypertension, in “Current Concepts in Cardiology,” in Kothari U.R., Oza Y.K., (eds) Jamnagar, Association of physicians of Gujarat, 1987, P.46.
4. Vatsraj D.J., **Chag M.C.**, Jadhav U.M. : Refractory Heart Failure, in “Current Concepts in Cardiology” in Kothari U.R., Oza Y.K.,(eds.) jamnagar, Association of  Physicians of Gujarat, 1987, P.124.
5. **Chag M.C.**, Kulkarni P.S.: Clinical Profile of Right Ventricular Infarction: Presented as Paper in 8th Annual Conference of Association of physicians of Gujarat, Jamnagar, 1987.
6. Mehta A.B., Munsi S.C., **Chag M.C.**, Henda S : Percutaneous Transluminal Coronary Angioplasty in Multivessel Coronary Artery Disease. Indian Heart J 1989; 41:1.
7. **Dissertation:** “99m Technetium Isonitriles - New Myocardial Perfusion Agents: A Comparison with Coronary Angiography in Patients with Coronary Artery Disease” submitted to The National Board of Examination, New Delhi for DNB (Cardiology) Examination, February 1990.
8. **Chag M.C.**, Sinha N.S., Goel P.K.: Dipyridamole Echocardiography for Severity and location of Coronary Artery Disease. Indian heart J 1992; 44:300.
9. **Chag M.C.**, Sinha N.S., Radhakrishnan S., Bidwai P.S.: Non-Specific Aortoarteritis: Clinical, Immunological and Angiographic profile and Follow-up. Indian Heart J 1992; 44:295.
10. Shah S, **Chag M.C.**, Mantri R.R., Lal M., Bajaj R., Ghosh P.K. : Tricuspid Annuloplasty: obajective Analysis of its Efficacy. Scientific Abstract: Annual Conference of Indian Association of cardiovascular and Thoracic Surgeons: Feb. 1992, Calcutta, India, P.50.
11. Rastogi N., **Chag M.C.**, Ayyagari S: Myocardial Ischemia after 5-Fluorouracil chemotherapy. International J Cardiol 1993; 42:285-287.
12. Shrivastava S, **Chag M.C.**: Balloon Mitral Valvuloplasty for Rheumatic Mitral Stenosis, in “Recent Advances in Cardiology, In Trehan None, Anil Kumar (eds.) New Delhi, Escort Heart Institute, 1993.
13. Agarwal A, Misra R,**Chag M.C.**, Sinha N.: Elevated Anticardiolipin Antibiodies in Takayasu’s Arteritis. Presented a Paper in Annual Conference of Rheumatology, New Delhi, 1993.
14. Agarwal A, Sinha S,**Chag M.C.**, Naik S: HLA Antigens in Aortoarteritis: Presented as Paper in National Symposium on HLA, New Delhi, 1993.
15. Agarwal A, Sinha S, **Chag M.C.**, Naik S: Takayasu’s Arteritis: Roal of mycobacterium Tuberculosis in its Pathogenesis: Presented as paper in Annual Conference Rheumatology, New Delhi, 1993.
16. Misra R, Agarwal A, **Chag M.C.**, Sinha N., Shrivastava S. : Elevated Anticardiolipin Antibodies in Takayasu’s Arteritis:Lancet 1994; 343  : 1644-1645.
17. **Chag M.C.**, Dani S.I., Patel T.M., Thakore S.B., Rawal J.R., Patel TK: Situs  abnormality and Cardiac Malpositions. Indian Heart Pulmonary  Stenosis, Study of 42 cases: Indian Heart J 1994; 46;220.
18. Dani S.I., Patel T.M.,**Chag M.C.**, Rawal J.R., Thakore S.B., Shah U.G., Patel T.K. : Balloon Pulmonary Valvuloplasty in Adult Pulmonary Stenosis, Study of 42 cases : Indian Heart J. 1994; 46:220.
19. Chandra Y.V.,**Chag M.C.**, Kapoor L., Mittal P.K. Mahant T.S., Srivastava A.K., Ghose P.K., Srivastava S.: Fate of Tricuspid Regurgitation in Mitral valve Disease after surgery with/without Tricuspid valve Annuloolasty. Indian Heart J 1994; 46:259.
20. Dani S.I., Patel T.M., **Chag M.C.**, Patel T.K.: Modified Inoue Technique for BMV in Difficult situations: Indian Heart J 1994; 46:259.
21. Patel T.M., Dani S.I., **Chag M.C.**, Patel T.K.: Coronary Angioplasty in Chronic total occlusions. Indian Heart Journal 1994; 46:250.
22. Patel T.M., Dani S.I., **Chag M.C.**, Thakore S.B., Rawal J.R., Shah S.C., Patel T.K., : Balloon Peripheral Angioplasty in Iliofemoral Disease. Indian Heart J 1994; 46:252.
23. Mishra R., Prasad N., Agarwal A., **Chag M.C.**, Sinha N., Shrivastava S., : Raised Anticardiolipin Antibody in Takayasu’s Arteritis: Indian Heart J 1994; 46:253.
24. Dani S.I., Patel T.M., **Chag M.C.**, Thakore S.B., Patel T.K., Difficult Mitral Valvuloplasty: An “over the wire” modification of  Inoue Technique: J Invasive Cardiology 1995; 7:148-151.
25. Patel T.M., Dani S.I., **Chag M.C.**, Shah U.G., Shah S.C., Patel T.K.: Troubleshooting of inoue balloon Tear during Percutaneous Balloon Mitral Valvuloplasty: J Cathet cardiovasc Diagn (in Press).
26. Lal M., Mantri R.R., **Chag M.C.**, Ganjoo A.K., Srivastav A.K., Mahant T.S., : Echocardiographic assessment and outcome of closed and open heart surgery in patients with rheumatic tricuspid valve disease: Tropical Cardiology 1994; 20 (78): 54-60.
27. Aggarwal A, **Chag M.C.**, Shinha N., Naik S.: Takayasu’s Arteritis: Roal of Mycobacterium tuberculosis and its 65 KD heart shock protein in pathogenesis: Annals of Rheumatic Diseases
28. **Chag M.C.**, Patel T.M., Dani S.I., Thakore S.B., Rawal J.R., Jain S.K., Patel T.K.,: A Left Femoral Vain Approach For Percutaneous Tranvenous Mitral Commissurotomy: J Invasive Cardiology
29. Parikh KH, Chag M C, Shah UG, Baxi HA, Chandarana AH, Naik A M, Shah KJ. Acute Results and Intermediate term Follow-up of PCI with Cardio Protection by Balloon Occlusion Distal Protection Device (Abstract). Indian Heart J-233, 2002 54:561-568.
30. Shah KJ, Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Goyal RK. Prevalence of Hyper–homocysteinemia in Western Indian Population with or Without Coronary Artery Disease Indian Journal of Cardiology 2003;6:54-58.
31. Parikh KH, Shah KJ, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Goyal RK. Reversal of Slow-Flow or No-Reflow During PTCA Using Boluses of IC Adenosine and Sodium Nitroprusside in Combination. Suppl. To JACC, Mar 19, 2003; 41(6), Suppl.A-1101-201.
32. Parikh KH,Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Shah HD, Goyal RK. Beneficial Effects of Distal Protection Device in Reducing the Use of Intracoronary Vasodilators and Glycoprotein IIb/IIIa Receptor Antagonists During Percutaneous Coronary Interventions. Catheterization and Cardiovascular Interventions 2004;62:90. (Abstract)
33. Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Goyal RK. Revascularization in Acute Myocardial Infarction Using Percusurge in Distal Protection (RAPID) (Abstract). Catheterization and Cardiovascular Interventions 2004;62:116.
34. Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Shah HD, Goyal RK. Improvement in MACE by Sequentia Administration of Boluses of Intracoronary Adenosine and Sodium Nitroprusside during Percutaneous Coronary Interventions. Catheterization and Cardiovascular Interventions2004;62:130-131.
35. Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Shah HD, Shah KJ, Shah JN, Goyal RK. Improvement in MACE by Sequential Administration of Boluses of Intracoronary Adenosine and Sodium Nitroprusside during Percutaneous Coronary Interventions. ESC Congress 2004: Abstract: P3045.
36. Chag MC, Parikh KH, Shah UG, Baxi HA, Chandarana AH, Naik AM, Shah JN, Shah HD, Shah KJ, Goyal RK. Increased Lipoprotein as a Strong Risk Factor for Coronary Artery Disease and the Effect or Niacin Amongst Indians. Indian Heart J 2004;56(5):377-599.
37. Chag MC, Shah HD, Joshi MV, Parikh KH, Shah UG, Baxi HA, Chandarana AH, Naik AM, Shah JN, Goyal RK. Renal Artery Stenting is Safe and Effective Modality of Treatment on Mid-term Follow-up. Indian Heart J 2004;56(5):377-599.
38. Shah KJ, Chag MC, Parikh KH, Goyal RK. Homocysteine and Coronary Artery Disease. Indian Journal of Pharmaceutical Sciences 2004;66:595-601.
39. Shah HD, Iyer S, Shah K, Parikh K, Chag M, Shah U, Baxi H, Chandarana A, Naik A, Goyal RK. Effect of Statins in Combination with Fenofibrate in Patients after Percutaneous Transluminal Coronary Angioplasty. Indian Journal of Pharmacology 2004;36(2):113.
40. Mehta KN, Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Goyal RK. Effect of Folate Treatment on Homocysteinemia in Cardiac Patients: A Prospective Study. Indian Journal of Pharmacology 2005;37:13-17.
41. Shah HD, Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Patel GT, Mathan G, Shah JN, Goyal RK. Association of White Blood cell count with the Occurrence of slow/no reflow in acute coronary Syndrome patients undergoing PCI. Poster presentation at Joint International Conference of ISHR and IACS, Jan 2005, Gujarat, India.
42. Shah HD, Parikh KH, Chag MC, Shah UG, Baxi HA, Chandarana AH, Naik AM, Patel GT, Mathan G, Shah JN, Goyal RK. Efficacy of Percusurge Guardwire system in acute Myocardial patients undergoing Primary/rescue PCI. Oral Presentation at Joint International Conference of ISHR and IACS, Jan 2005, Gujarat, India.
43. Kanan Shah, Keyur Parikh, Milan Chag, Urmil Shah, Anish Chandarana, Hemang Baxi, Ajay Naik, Ramesh K. Goyal. A Vigilance Study of Distal Protection Device Used During Percutaneous Coronary Interventions. International Journal of Risk & Safety in Medicine 2006;18(4):205-212.
44. KH Parikh, HA Shah, UG Shah, HA Baxi, AH Chandarana, AM Naik, JN Shah, MP Tanna, MC Chag. Initial Clinical Experience with Bivalirudin as an Anticoagulant During Percutaneous Coronary Interventions in Asian Indian Patients.  Indian Heart J 2006;58(5):384-498.
45. KH Parikh, HA Shah, JN Shah, UG Shah, HA Baxi, AH Chandarana, AM Naik, RK Goyal, MC Chag. Prospective Randomized Study of PercuSurge in Acute Myocardial Infarction Patients Undergoing Revascularization with a Special Emphasis on Procedural Time: A Two Year Follow-up. Indian Heart J 2006;58(5):384-498.
46. Chandarana AH, Shah JN, Shah HA, Shah UG, Baxi HA, Naik AM, Joshi M, Goyal RK, Parikh KH, Chag MC. High Prevalence of Renal Artery Stenosis in Hypertensive Patients with Triple Vessel Coronary Artery Disease: Recommendation For Simultaneous Renal Arteriogram for Earlier Intervention. Indian Heart J 2006;58(5):384-498.
47. HA Shah, JN Shah, AH Chandarana, MC Chag, UG Shah, HA Baxi, AM Naik, KH Parikh, RK Goyal. Association between the White Blood Cell Count and Occurrence of Slow or No Reflow Phenomenon in Patients with Acute Coronary Syndromes in the Coronary Interventional Era. Indian Heart J 2006;58(5):384-498.
48. HA Shah, MC Chag, MP Tanna, UG Shah, HA Baxi, AH Chandarana, AM Naik, JN Shah, KH Parikh.. Incidences and Clinical Characteristics of No Reflow after Percutaneous Coronary Interventions in High Risk Asian Indian Patients. Indian Heart J 2006;58(5):384-498.
49. KH Parikh, AM Naik, HA Shah, AH Chandarana, MC Chag, UG Shah, HA Baxi, JN Shah, A Medina, S Banai. First In Man: Direct Comparison of Conventional Coronary Sinus Angiography and CT Angiography for Visualization and Sizing of Coronary Sinus. Presented at TCT- October 2006, Washington DC.
50. KH Parikh, HA Shah, AH Chandarana, AM Naik, MC Chag, UG Shah, HA Baxi, JN Shah, A Medina, S Banai. First In Man: Multislice CT Angiography Visualization Of An Innovative First-in-man Coronary Sinus Reducer Stent In Patients With Refractory Angina. Presented at TCT- October 2006, Washington DC.
51. KH Parikh, HA Shah, AM Naik, HA Baxi, MC Chag, AH Chandarana, A Hjalmarson, Y Rozenman. First In Man: Measurement of Diurnal Variation in Pulmonary Artery Systolic and Diastolic Pressure in Heart Failure Patients Using an Innovative Implantable Device Responding to Ultrasonic Signals. Eur Heart J (2006) 27(suppl 1) 291-565. Abstract Number: P2949.
52. KH Parikh, HA Shah, AM Naik, HA Baxi, MC Chag, UG Shah, A Hjalmarson, Y Rozenman. First in Man: non invasive measurement of variation in Pulmonary artery pressure following exercise in heart failure patients using an innovative implantable device involving acoustic telemetry. Eur Heart J (2006) 27(suppl 1) 827-985. Abstract Number: 5413.
53. KH Parikh, HA Shah, AM Naik, HA Baxi, MC Chag, AH Chandarana, A Hjalmarson, Y Rozenman. First In Man: Effect of Metoprolol CR/XL on Exercise Capacity and Subsequent Variation in Pulmonary Artery Pressure in Heart Failure Patients Using an Innovative Implant Involving Acoustic Telemetry.  Eur Heart J (2006) 27(suppl 1) 827-985. Abstract Number: P5412.
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