



## Dr. Budhaditya Ranabir Chakraborty

M.B.B.S., M.S., M.Ch (AIIMS, Cardiothoracic & Vascular surgery),FACS  
Director and Head CTVS ,Rajasthan Hospital,Jaipur , Rajasthan

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### PROFILE SUMMARY

- ▶ Dr.Chakraborty is currently employed as the director and head, Department of cardiothoracic and vascular surgery,Rajasthan Hospital,Jaipur – a 400 bedded multispeciality corporate hospital.
- ▶ Senior consultant and Assistant Professor,Cardiovascular and thoracic surgery at Mahatma Gandhi cardiac & critical care center,Mahatma Gandhi University of Medical sciences,Jaipur,July 2018- October 2020.
- ▶ Senior Consultant CTVS,CK Birla Hospitals –RBH,Jaipur August 2016-July 2018.
- ▶ Senior Consultant and assistant professor ,Department of Cardiovascular and thoracic surgery,Mahatma Gandhi cardiac center under Mahatma Gandhi University of Medical sciences ,Jaipur.August1,2015- August 1,2016.
- ▶ Employed as Senior Consultant ,Cardiovascular surgery,Eternal Heart Hospital Jaipur from Sept 15 ,2013 to July 31 ,2015.
- ▶ He relocated back to India in August 2013 from USA having successfully completed fellowships in adult cardiac surgery from Massachussets General ,Harvard University,Boston and Mayo Clinic,Rochester,MN.
- ▶ He has excellent exposure in the entire spectrum of adult and congenital cardiac surgeries.
- ▶ His training program has included intensive exposure to mechanical circulatory support devices – VADs, ECMOs, complex open aortic surgical operations, cardiac transplants, Percutaneous Transcatheter valves, Da Vinci robotic systems in addition to high volume practice of CABGs, valve repairs, replacement and surgical emergencies.
- ▶ He has been actively involved in the medical education program of undergraduate and postgraduate students as faculty.

### AREAS OF INTEREST

- ▶ Total arterial revascularization – OPCABG,MICAS
- ▶ Minimally invasive valve repairs/replacements – Heartport systems, Da Vinci robotic systems.
- ▶ Aortic surgeries- Open surgeries & Endovascular
- ▶ Cardiac Transplant-Mechanical circulatory support Devices
- ▶ **One of the two Primary surgeons for the first successful cardiac transplant in the state of Rajasthan on Aug 2,2015.**
- ▶ TAVR and Mitraclip program.

### EXPERIENCE OVERVIEW (in reverse chronological order)

Period	Position served
July 2011 – July 2013	Advanced Clinical Fellow – Division of Cardiac Surgery, Mayo Clinic, Rochester, MN, USA(Heart transplant & MCS)
April 2009– April 2011	Clinical Fellow – Department of Cardiothoracic Surgery, Massachusetts General Hospital, Harvard University, Boston,MA, USA ( MICS ,Aortic )
Jan 2007 – Jan 2009	Junior Consultant – Division of Adult Cardiothoracic Surgery, Escorts Heart Institute and Research Center, New Delhi, India

### SUMMARY OF QUALIFICATIONS

Fellow American College of Surgery (FACS) awarded on October 2016.

ECFMG certified on Oct 8, 2009. Have Cleared USMLE STEP 1 on October 15, 2007, USMLE STEP2 CS on August 15, 2008 and USMLE STEP2 CK on July 21, 2009, USMLE STEP3 on December 7, 2009.

Period	Degree	Institute
January 2004 – January 2007	M.Ch (Cardiothoracic and Vascular Surgery)	All India Institute of Medical Sciences (AIIMS), New Delhi, India
January 2003 – November 2003	Senior Resident (Cardiothoracic and Vascular Surgery)	Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS), Lucknow, India
Aug 2002-Oct 2002	Clinical Registrar (Cardiothoracic & Vascular Surgery)	Nizam's Institute of Medical Sciences, Hyderabad, India
Jun 1999 - Jun 2002	M.S. (General Surgery)	Government Medical College, Baroda Maharaja SayajiRao University, Baroda, Gujarat , India
Aug 1993 – Apr 1999	M.B.B.S	Government Medical College, Baroda Maharaja SayajiRao University, Baroda, Gujarat , India

## WORK EXPERIENCE DETAILS

### *Clinical fellow, Division of cardiac surgery, Mayo Clinic, Rochester, Minnesota, USA 2011-2013*

Excellent exposure in the entire spectrum of adult and congenital cardiac surgeries. Training program included intensive exposure to mechanical circulatory support devices-VADs, ECMOs, open aortic surgical operations, Cardiac and lung transplant, Percutaneous Transcatheter valves(TAVI), Da Vinci Robotic systems in addition to a high volume practice of CABGs, valve repairs and replacement and surgical emergencies. Special focus on heart transplant and Mechanical circulatory support devices.

### *Clinical fellow in The Division of Cardiothoracic surgery, Massachusetts General Hospital, Harvard University, Boston, USA 2009-2011*

Adult cardiac surgeries with special emphasis on aortic pathologies, minimally invasive cardiac surgery and Da Vinci robotic systems in addition to the regular complement of adult cardiac cases. Completed basic certification course in use of the Da Vinci robotic system, involved in the TAVI program (Partner Trial)..

### *December 2007 to Jan 2009*

#### *Junior consultant, Division of Adult cardiovascular surgery, Escorts Heart Institute and Research Center, New Delhi, India*

Excellent exposure in OPCABs and Minimally Invasive Valve surgeries in addition to the entire spectrum of adult cardiac surgeries. Had the opportunity of travelling to several satellite centers in smaller towns and assisting and operating several patients under varied resources and conditions. Was also actively involved in the perioperative and ICU care of these patients

### *January 2007 to December 2007*

#### *Junior Consultant, Division of cardiac surgery, Indraprastha Apollo Hospital, New Delhi, India*

Work profile included independent and supervised adult cardiac surgical procedures, first assistant to senior consultant surgeon in adult cardiac surgery as well as assisting cases in pediatric cardiac surgery. Perioperative management of cardiac surgical cases including ICU shifts, ward procedures and OPD. Special emphasis on learning complete arterial revascularization off pump.

## EDUCATIONAL BACKGROUND (DETAILED)

***M.Ch – January 2004 to January 2007***

***Department of Cardiothoracic and Vascular Surgery, All India Institute of Medical Sciences, New Delhi***

Commenced residency programme after selection in a national level open entrance examination. 3 years residency program involving first-hand experience in dealing with the entire spectrum of adult and congenital cardiac surgery including cardiac transplant, stem cell therapy and life support systems like ECMO, LVAD. Training program included management of perioperative cases in the ICCU. Have performed independent adult cardiac surgical procedures as well as supervised congenital surgeries. Experience in assisting procedures with Da Vinci roboticsurgical system, minimally invasive cardiac surgery. Program included compulsory academics with mandatory research activity. Obtained degree after passing competitive examination.

### THESIS PAPERS DURING COURSE

**Radionuclide Lung perfusion in single ventricle physiology:**

Comparison between antegrade Bidirectional Glenn with Total Cavopulmonary connection.

**Aortic Insufficiency associated with Ventricular Septal Defect:**

A single institution retrospective analysis

***Senior Resident - January 2003- November 2003***

***Department of Cardiac Surgery, SGPGI, Lucknow***

Commenced program after clearing national level entrance. Worked in the capacity of Senior Resident – non MCh in the Department of Cardiac Surgery in **Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow.**

Work profile included assisting adult and congenital cardiac surgeries, perioperative management and pre operative workups in the ICU and wards. Attending and making presentations regularly at the in hospital teaching program in cardiac surgery

***M.S - July 1999 to December 2002***

***Department of General Surgery, Government Medical College, Baroda***

3 years comprehensive postgraduate residency program in general surgery. Included hands on training in all general surgical procedures including limited specialty rotations, triage and trauma services, pre and postoperative patient management, compulsory academic program with mandatory thesis presentation. Degree awarded after clearing competitive examination. Continued working as senior resident in the same department till December 2002. Best outgoing resident at University exit exams 2002.

***M.B.B.S – August 1993 – April 1999***

***Government Medical College, Baroda***

Graduation course in medicine and surgery. Comprehensive four and half years course with one year of rotating internship in multi specialties with mandatory rural health center posting. Degree obtained after competitive exam recognized by Medical Council of India with permit to practice nationally.

**PUBLICATIONS**

<b>Title</b>	<b>Use of Aortic homograft conduit in Bidirectional Glenn Shunt</b>
<b>Researchers</b>	Case report - Budhaditya Chakraborty, MS; Sachin Talwar, MCh, Shiv Kumar Choudhary, MCh; Shyam Sunder Kothari, DM and Balram Airan, MCh
<b>Published in</b>	Heart lung Circ 2007 feb ;16(1) : 52-54

<b>Title</b>	<b>A Massive Pulsatile chest wall mass</b>
<b>Researchers</b>	Case report- Norzeihan Jan Bappu; Budhaditya Chakraborty; Akshay Kumar Bisoi; Ganapathy Subramaniam; Sandeep Chauhan; Panigipalli Venugopal; Pankaj Mankad
<b>Published in</b>	The New Zealand Medical Journal February 2006,Vol 119 No 1229

<b>Title</b>	<b>Successful Robotic Assisted Division of Symptomatic Vascular Ring</b>
<b>Researchers</b>	Budhaditya Chakraborty MCh , Harold M Burkhart MD, Carole A. Warnes MD*,Rakesh Suri MD , D.Phil
<b>Published in</b>	Heart Surg Forum. 2012 Dec;15(6):E306. doi: 10.1532/HSF98.20121031

<b>Title</b>	<b>Endovascular Abdominal Aortic Aneurysm Repair to facilitate Access for Transcatheter Aortic Valve Implantation</b>
<b>Researchers</b>	Chakraborty BR MCh, Greason KLMD, Oderich GS MD, Bresnahan JF MD, Reeder GS MD, Suri RM MD D.Phil., Mathew V MD and Rihal CSMD
<b>Published in</b>	Ann Thorac Surg. 2013 Apr; 95(4):1439-41. doi: 10.1016/j.athoracsur.2012.08.083

<b>Title</b>	<b>Intraoperative hybrid left pulmonary artery stenting – How to do it</b>
<b>Researchers</b>	Budhaditya Chakraborty M.Ch, Donald Hagler MD, Joseph A Dearani MD
<b>Published in</b>	<a href="#">Ann Pediatr Cardiol.</a> 2013 Jan-Jun; 6(1): 43–45.

<b>Title</b>	Variable Presentations of Benign Intra Cardiac Tumours - A Single Institution Study
<b>Researchers</b>	Ajay Meena, Budhaditya Chakraborty
<b>Published in</b>	J. Evolution Med. Dent. Sci./eISSN- 2278-4802, pISSN- 2278-4748/ Vol. 9/ Issue 14/ Apr. 06, 2020

<b>Title</b>	Impact of perioperative clopidogrel & aspirin on bleeding complications in OPCABG
<b>Researchers</b>	Ajay Meena, Budhaditya Chakraborty
<b>Published in</b>	International Journal of Current Advanced Research Vol 9,issue12,Dec 2020,page 23339-23342

**REFERENCES**

<b>Dr. Joseph A Dearani</b>	<b>Dr. Hartzell Schaff</b>	<b>Dr. Balram Airan</b>
Chair, Division of cardiovascular surgery Mayo Clinic , Rochester ,MN	Professor, Division of cardiovascular Surgery, Former President AATS Mayo Clinic, Rochester, MN	Former Professor & HOD, Department of CTVS, Former Director AIIMS , New Delhi
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**PERSONAL INFORMATION**

Date of Birth – July 14, 1976

Nationality – Indian Valid Passport-M7570257.

Languages Known – English, French, Hindi, Bengali., Gujarati

Address for Correspondence (Permanent Residential Address )

C1001 , Mahima Panache , 200 feet Airport road , Jagatpura , Jaipur 302033.

I acknowledge that all the information provided above is true to the best of my knowledge.

**Dr, Budhaditya Chakraborty**

**Jaipur, Rajasthan, India**

**April 2022.**