

## CURRICULUM VITAE

Dr. Debasis Das, Sr. Consultant & Clinical Lead, Cardiac Surgery, Narayana Superspeciality Hospital, Howrah, Kolkata, India

MS, DNB, MNAMS, MRCS (Edin)

M.Ch. (Cardiothoracic Surgery), DNB (Cardiothoracic Surgery), FIACS

eMDP (Healthcare management & Data Analytics) IIM Kozikhode; Dip. Hosp Management ( NIHFW,Delhi)

**Date of Birth** : 14<sup>th</sup> February, 1974

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Nationality : Indian

**EDUCATION:** 

**Medical Qualification:** 

MBBS	1992-1998	Maulana Azad Medical College	
		University of Delhi, India.	

# **Post Graduate Qualifications:**

M.S. in General Surgery	1999-2002	Maulana Azad Medical College University of Delhi, India.
Diplomate of National Board (General Surgery)	August 2002	National Board of Examination, New Delhi, India
M.R.C.S. (Edinburgh)	December 2004	The Royal College of Surgeons of Edinburgh, United Kingdom
M.Ch. in Cardiovascular & Thoracic Surgery	2003-2005	Post Graduate Institute of Medical Education and Research, Chandigarh, India.
Diplomate of National Board (Cardiothoracic Surgery)	May 2006	National Board of Examination, New Delhi, India
Diploma in Hospital Management	July 2015	National Institute of Health and Family Welfare, New Delhi
eMDP in Healthcare Management and Analytics	November 2021	Indian Institute of Management, Kozikhode

### Overseas Advanced Fellowships:

- 1. Adult Cardiac Surgery(Two years): Austin Hospital, Melbourne, Australia 2006-2008
- 2. Pediatric Cardiac Surgery(One year): The Children's Hospital at Westmead, Sydney Australia 2009

### **REGISTRATION:**

- 1. Medical Council of India, New Delhi. # 17428
- 2. West Bengal Medical Council 68712

## **PRESENT APPOINTMENT:**

Since May 2013

 Clinical Lead/ Chief Cardiac Surgeon/ Senior Consultant, Narayana Superspeciality Hospital, Howrah, Kolkata

August 2015, April 2017( Temporary appointment)

- Locum Sr.Consultant Cardiac Surgery, Health City, Cayman Islands September 2009-September 2015
  - Consultant Cardiac Surgeon (Adult and Pediatric)
     NH Rabindranath Tagore International Institute of Cardiac Sciences Kolkata, India

### **PRESENT WORK PROFILE**

Since my return from Australia after my advanced overseas fellowship, I joined Rabindranath Tagore International Institute of Cardiac Sciences(RTIICS), a NABH accredited ,600 Bedded multispeciality hospital with main focus on adult and pediatric cardiac care with annual cardiac surgical case load of 2400 cases per annum.

I have been involved with both adult and pediatric cardiac surgery and have independently performed the whole range of procedures with excellent results. Following is the range of procedures performed by me at Kolkata. In my last 9 years in Kolkata, I have independently performed more than 5000 cases with extremely good results. Since May 2013, I have been instrumental in establishing a new cardiac centre in Howrah,Kolkata (Narayana Superspeciality Hospital)which has now matured to a complete cardiac care institute doing 600 cases per annum. We started our transplant program in 2020 and have done 7 heart transplants so far.

Pediatric Cardiac Surgery	Adult	Adult Cardiac Surgery	
ASD/ VSD		CABG	
Tetralogy of Fallot	MV re	MV repairs	
PDA ligation	MV re	MV replacements	
BT shunts		AV replacements	
PA bands		DVR	
Repair of TAPVCs		Tricuspid repair	
Arterial switch operation	Comb	Combined Valve +CABG	
BD Glenn		Myxoma excision	
Fontan Completion		Bentall's Procedure	
Coarctation of Aorta			
AV canal repair/ Aortic and Mitral	Heart	Transplant	
repairs			
Other complex congenital cases			

### **AWARDS AND DISTINCTIONS:**

- Recipient of Chairman's Award for Distinguished Service 2017: Narayana Health
- 2. Awarded "Dr. T.J. Aggarwal Memorial Silver Medal" for the 2<sup>nd</sup> best paper presentation titled "Study of Cryopreserved Thyroid Tissue Autotransplant" at the XVIII Annual Conference of Delhi State Chapter, Association of Surgeons of India, New Delhi. March 2001.
- 3. Recipient of "B. Braun scholarship for outstanding achievement in postgraduate medical studies in the field of Cardiovascular and Thoracic Surgery", B. Braun Medical Trust Foundation. 2004.
- 4. Recipient of National Talent Search Examination (NTSE) scholarship: 1990

## **RESEARCH WORK/ ACADEMICS:**

- 1. Thesis done on "Study of Cryopreserved Thyroid Tissue Autotransplant" (Year 1999-2001) Department of Surgery, Maulana Azad Medical College. Accepted by University of Delhi in 2001.
- 2. Dissertation on "Electrocautery Maze Procedure in patients with atrial fibrillation undergoing open heart surgery for mitral valve disease" (Year 2003-2004) Department of Cardiovascular and Thoracic Surgery, Post Graduate Institute of Medical Education and Research, Chandigarh, India. Accepted in 2004.
- 3. **Reviewer** for the Indian Journal of Thoracic and Cardiovascular Surgery, Annals of Pediatric Cardiology, Perfusion, Frontiers in Cardiovascular Medicine, Echocardiography, Journal of Cardiac Surgery
- 4. Associate Editor for Frontiers in cardiovascular Medicine, Editorial Board member for Annals of Pediatric Cardiology

#### PROFESSIONAL MEMBERSHIPS:

- Member World Society of Pediatric and Congenital Cardiac Surgeons
- Member Indian Association of Thoracic and Cardiovascular Surgery(IACTS), Executive Committee member (2023-2026)
- Member Pediatric Cardiac Society of India (PCSI), Governing Council member PCSI 2023
- Founding Member and Governing Council Member: Society of Pediatric and Congenital Heart Surgeons
- Member National Academy of Medical Sciences India
- Member Association of Surgeons of India(ASI)
- Member Indian Society of Heart and Lung Transplantation
- Member Association of Thoracic and Cardiovascular Surgeons of West Bengal
- Member Society for Heart Failure and Transplantation

### **PUBLICATIONS:**

- 1. Das, S. Das, D, Dutta N, *et al.* (2022) "Use of cardiopulmonary bypass machine in intensive care unit as a short term mechanical circulatory support for recovery of cardiac function," *Perfusion*, p. 026765912211297. Available at: https://doi.org/10.1177/02676591221129740.
- 2. Pandey, P. Saha A, Jha NK, Rao YM, Das D *et al.* (2022) "Are small-sized mechanical valves adequate for patients with small aortic roots?," *Asian Cardiovascular and Thoracic Annals*, p. 021849232211276. Available at: https://doi.org/10.1177/02184923221127661.
- Debasis Das ,Nilanjan Dutta, Patralekha Das et al. Late presentation of aortopulmonary window: a contemporary series. Indian Journal of Thoracic and Cardiovascular Surgery https://doi.org/10.1007/s12055-021-01306-x
- 4. Shales S, Das D, Dutta N, Narayan P, Maiti S, Das S. Repair of Cardiac Total Anomalous Pulmonary Venous Connection by Unroofing the Coronary Sinus in a Neonate. November 2021. doi:10.25373/ctsnet.16915309
- 5. Rao Y, Potdar S, Das D, Saha, A, Kapoor L, Das M, Narayan P.. On-pump beating heart versus off-pump myocardial revascularization—a propensity-matched comparison. *Indian Journal of Thoracic and Cardiovascular Surgery*. 2021. https://doi.org/10.1007/s12055-021-01209-x
- 6. Sachdeva S, Ramakrishnan S, Choubey M, Koneti NR, Mani K, Bakhru S, et al. Outcome of COVID-19-positive children with heart disease and grown-ups with congenital heart disease: A multicentric study from India. Ann Pediatr Card 2021;14:269-77.
- 7. Choubey M, Ramakrishnan S, Sachdeva S, Mani K, Gangopadhyay D, Sivakumar K, et al. Impact of COVID-19 pandemic on pediatric cardiac services in India. Ann Pediatr Card 2021;14:260-8.
- 8. Shales S ,Das D, Dutta N, Narayan P, Das S,. Surgical repair of total anomalous pulmonary venous connection: Lateral approach. Multimed Man Cardiothorac Surg. 2021 Jul 21;2021. doi: 10.1510/mmcts.2021.037. PMID: 34314579.
- Das, Debasis; Basu, Adhish; Dutta, Nilanjan; Maiti, Shyamal; Narayan, Pradeep (2021): Reconstruction of Complete Sternal Cleft with Congenital Heart Disease. CTSNet, Inc. Media. https://doi.org/10.25373/ctsnet.15022863
- Thilak A, Thacker D, Shales S, Das D, Behera S, Ghosh A et al. Timing of coronary artery bypass grafting after acute myocardial infarction: does it influence outcomes?. Kardiochirurgia i Torakochirurgia Polska/Polish Journal of Thoracic and Cardiovascular Surgery. 2021;18(1):27-32. doi:10.5114/kitp.2021.105184.
- George J, Kurian L, Das S, Narayan P, Dutta N, Debasis D. Fixed time alarm bell technique as a method to improve hand hygiene compliance. Indian J Community Med 2021;46:334-5. DOI: 10.4103/ijcm.IJCM 268 20
- 12. Purkayastha, B., Khan, M.W., Saha, A., Das D *et al.* Mid-term clinical and health-related quality of life outcomes for the Trifecta bioprosthesis. *Indian J Thorac Cardiovasc Surg* (2021). https://doi.org/10.1007/s12055-021-01166-5
- 13. Dutta N, Das D, Govindappa RM, Das P, Koley R, Sharma MK, *et al.* A case of partial anomalous systemic venous drainage and perioperative detection of cerebral arteriovenous malformations. Ann Pediatr Card 2021;14:244-6.
- 14. Das S, Gupta S, Das D, Dutta N. Basics of extra corporeal membrane oxygenation: a pediatric intensivist's perspective. *Perfusion*. March 2021. doi:10.1177/02676591211005260
- 15. Sanjiban Ghosh, Jayitri Mazumder, Jayita Nandy Das, Debasis Das, Amitabha Chattopadhyay. Bilateral branch pulmonary artery stenting in a postoperative Modified Nikaidoh procedure. IHJ Cardiovascular Case Reports (CVCR) https://doi.org/10.1016/j.ihjccr.2021.03.001
- 16. Narayan P, Mandal CK ,Das R ,Debasis Das D , et al. Atrial fibrillation Can HbA1c levels really predict the risk? Asian Cardiovascular & Thoracic Annals 0(0) 1–6. DOI: 10.1177/0218492321998933

- 17. Das D, Dutta N, Roy Chowdhuri K. Total circulatory arrest as a support modality in congenital heart surgery: review and current evidence .Indian Journal of Thoracic and Cardiovascular Surgery. (January 2021) 37 (Suppl 1):S165–S173 https://doi.org/10.1007/s12055-020-00930-3
- 18. Kurian L, Das S, Das D, Dutta N, George J, Das P. Development of a Nursing Application to Minimize Drug Calculation Errors and Estimate Patient Assessment Scores. Comput Inform Nurs. 2021 Feb 1;39(2):57-60. doi: 10.1097/CIN.000000000000717. PMID: 33538511.
- 19. Das. D, Dutta N, Maiti S, Das P, Narayan P. Total Correction of Tetralogy of Fallot in an Infant. November 2020. doi:10.25373/ctsnet.13198286
- 20. Das D, Dutta N, Maiti S, Narayan P. Use of Heart Positioning Device During Extracardiac Fontan Procedure. September 2020. doi:10.25373/ctsnet.13022681
- 21. Mukherji A, Ghosh S, Pathak N, Das JN, Dutta N, Das D, *et al.* Utility of late pulmonary artery banding in single-ventricle physiology: A mid-term follow-up. Ann Pediatr Card 2021;14:26-34. Doi 10.4103/apc.APC\_128\_20
- 22. Mukherji A, Ghosh S, Das D, Chattopadhyay A. Closure of ventricular septal defect in anatomically corrected malposition of great arteries: Case series with review of literature. Progress in Pediatric Cardiology. https://doi.org/10.1016/j.ppedcard.2020.101296
- 23. Das D, Dutta N, Das AK, Sharma MK, Koley R, Chattopadhyay A, et al. Congenital right ventricular diverticulum: An atypical presentation. Ann Pediatr Card 2020;13:368-70.doi 10.4103/apc.APC 49 20
- 24. Das D, Dutta N, Das P, Narayan P. Repair of Complete Atrioventricular Septal Defect by Two Patch Technique. August 2020. doi:10.25373/ctsnet.12867356
- 25. Das D, Dutta N, Narayan P. Repair of Truncus Arteriosus by Bovine Jugular Xenograft in Right Ventricular Outflow Tract. July 2020. doi:10.25373/ctsnet.12636482
- 26. Das D, Narayan P. Surgical Repair for Coarctation of the Aorta. June 2020. doi:10.25373/ctsnet.12465818
- 27. Das D, Dutta N, Pandey P, Basu A, Sharma MK, Koley R, et al. Complete sternal cleft with tetralogy of Fallot. Ann Pediatr Card 2020;13:81-3.
- 28. Narayan P,Khirsagar SN,Mandal CK, Ghorai PA, Rao YM, Das D,et al. Preoperative Glycosylated hemoglobin: A risk factor for patients undergoing Coronary Artery Bypass. Annals of Thoracic Surgery.2017;104: 606-12
- 29. Narayan P, Khan W, Das D et al. Carotid artery screening at the time of coronary artery bypass: Does it influence neurological outcomes? Int J of Cardiology.2017(243): 140-44
- 30. Bharati S, Sharma MK, Chattopadhay A, Das Debasis. Transient cortical blindness following intracardiac repair of congenital heart disease in an 11-year-old boy. Ann Card Anaesth 2017;20:256-8.
- 31. Narayan P, Das Debasis, Biswas RG et al. Benefits of Off pump Coronary artery Revascularization technique in Diabetic patients. Innovations. 2016;11(2S): s89- s90.
- 32. Narayan P, Das Debasis, Das M. Artifact on post operative chest radiograph, mimicking retained foreign body. Asian CardiovascThorac Ann. Published online before printNovember 20, 2013, doi:10.1177/0218492313513775
- 33. Narayan P. Das Debasis. Successful repair of IVC injury by a novel technique. Perfusion 2015; 30(2):166-168
- 34. Das M, Mahindrakar P, <u>Das Debasis</u>, etal. Anomalous Left Coronary Artery from Pulmonary Artery with Mitral Stenosis. Annals of Thoracic Surgery. 2011;92:735-7.
- 35. <u>Das Debasis</u>, Mohanraj A, Hayward P, et al. Surgical Management of Infective Endocarditis:Our Experience. ANZ J Surg. 2007;77 (Suppl. 1):A9
- 36. Simon Moten, <u>Debasis Das</u>. Mitral valve repair with a 3-D rigid annuloplasty ring:Initial experience using the St Jude saddle annuloplasty ring. Heart, Lung and Circulation 2009;18:81
- 37. Dhaliwal RS, <u>Das Debasis</u>, Luthra S, et al. Management of Superior Vena Cava Syndrome by Internal Jugular to Femoral Vein Bypass: A case report. Annals of Thoracic Surgery.2006;82:310-2.
- 38. Balamurali S, Thingnam SK, <u>Debasis Das</u>, et al .Approach to Patent Ductus Arteriosus(PDA). Annals of Thoracic Surgery.2006;82(2):769.
- 39. Singh J, Thingnam SK, <u>Das Debasis</u>, et al. Sugical removal of entrapped and broken percutaneous transluminal coronary angioplasty balloon cather.Interact CardioVascThoracSurg 2007;6;94-96.
- 40. Singh J, Dhaliwal RS, <u>Das Debasis</u> et al. Cardiopulmonary bypass in Glaucoma patient.J Extracorporeal Technology.2007;39:53-54.

- 41. Singh J,Dhaliwal RS,<u>Das Debasis</u>,et al.Seventy five years after the birth of an idea. A tribute to John Gibbon Jr. J Am CollSurg 2006; 202(2): 384-85.
- 42. Thusoo TK, <u>Das Debasis</u>. Autotransplantation of Cryopreserved thyroid tissue. J Am CollSurg 2004; 196(4): 663-64.
- 43. <u>Das Debasis</u>,RanaSS,SinghJ,etal.Unusual Intrapulmonary and Intramyocardial foreign body:A case report.Internet J CardiovascThrorac Surg.2007;9:1
- 44. Dhaliwal RS, <u>Das Debasis</u>, et al. Electrocautery Maze in patients with atrial fibrillation with mitral valve disease. Ind J Cardiol. 2005;8:13-16.
- 45. BanaA,Sharma S, <u>Das Debasis</u>, et al.Combining off pump coronary artery bypass with MVR.Ind J Thorac Cardiovasc Surg.2002;23:5-8.
- 46. Dhaliwal RS, Goyal S, Luthra S, <u>Das Debasis</u>, et al. Open Heart Surgery with better cosmetic results. Bull PGI 2005; 39: 69-74.

## **SCIENTIFIC PAPER PRESENTATIONS:**

- 1. Study of Cryopreserved Thyroid Tissue Autotransplant. *XVIII Annual Conference of Delhi State Chapter, Association of Surgeons of India*. March 2001, New Delhi. <u>2<sup>nd</sup> Best Paper Award</u>.
- 2. Serum and urinary potassium changes in patients undergoing open heart surgery under CP Bypass. 50<sup>th</sup> Annual Conference of Indian Association of Thoracic and Cardiovascular Surgeons. Feb. 2004, New Delhi.
- 3. Pulmonary vein isolation with electrocautery in patients with atrial fibrillation undergoing open heart surgery for mitral valve disease. 51<sup>st</sup> Annual Conference of Indian Association of Thoracic & Cardiovascular Surgeons. Feb. 2005, Kochi, India.
- 4. SVC Syndrome: Management by Internal Jugular to Femoral vein bypass. *51<sup>st</sup> Annual Conference of IACTS*. Feb. 2005, Kochi, India.
- 5. Co-author: Assessment of radial artery and hand collateral circulation by color Doppler and comparison with modified Allen's test before CABG. 17th Biennial Congress of Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA) Congress: November 2005, Manila, Philippines.
- 6. Surgical management of Infective Endocarditis. *Annual scientific congress. Royal Australasian College of Surgeons*, May 2007, Christchurch, New Zealand.
- 7. Co-author: Carotid artery screening at the time of coronary artery bypass- does it influence neurological outcomes? *Annual Meeting of European Association of Cardiothoracic Surgery*. October 2014. Milan, Italy
- 8. Poster Presentation at Annual Meeting of ISMICS, Montreal, Canada. July 2015: "Benefit of Off Pump Coronary Artery Revascularization technique in Diabetic Patients.
- 9. Poster Presentation at the 8<sup>th</sup> World Congress of Pedaitric Cardiology and Cardiac Surgery, 2017, Barcelona, Spain
- 10.Invited Lecture on "TGA: What a surgeon can contribute to ensure a smooth outcome" at IACTA State meeting at IPGMER, Kolkata March 2019
- 11. Invited debate as faculty on "BT shunt vs. RVOT stent" at PCSI, Raipur, Oct 2019
- 12.Invited talk as Faculty on "Repair of Common AV valves" at Bengaluru Valve Congress, NH Bangalore Nov 2019
- 13. Invited Lectures as Faculty at Pediatric Cardiac Society of Bangladesh, Dhaka Dec 2019
  - Tips and tricks for difficult TOF repair
  - Biventricular repair after initial BDG
  - BT shunt vs. RVOT stent

- 14. INVITED LECTURE IN CARDIOVASCULAR DISEASE MANAGEMENT: A 360 DEG VIEW ORGANISED BY NH AND ABOTT ONLINE WEBINAR May 2020: **Anticoagulation management Post Heart Valve Surgery**
- 15. INVITED TALK AS FACULTY IN CONGENITAL CARDIAC UPDATE, BSMMU DHAKA BANGLADESH JUNE 2020: ONLINE WEBINAR: **SURGICAL MANAGEMNT OF TGA**
- 16.INVITED LECTURE AS FACULTY IN VSD SYMPOSIUM, NICVD, DHAKA, ONLINE WEBINAR AUG 2020 Surgical aspects of VSD
- 17.INVITED LECTURE AS FACULTY IN ONLINE WBINAR BY ASSOCAITION OF THORACIC AND CARDIOVASCULAR SURGEONS OF WEST BENGAL AUG 2020: Managing the "difficult" tetralogies: Subsets and Strategies
- 18.MODERATING AS FACULTY IN ASIAN CARDIO ONCOLOGY SOCIETY CONFERENCE AUG 2020 **Heart transplant for chemotherapy induced cardiomyopathy**
- 19.INVITED LECTURE AS FACULTY IN WEBINAR ON TOF DIAGNOSIS AND MANAGEMENT: PCSB BANGLADESH AUG 2020 Surgical Management of TOF
- 20.Invited Lecture as Faculty on **Management of Adult Congenital Heart Disease**: Congenital Heart Desk Foundation Bangladesh JULY 2021
- 21.Invited Lecture as Faculty IACTS Techno-college JULY 2021 TOF, Absent Pulmonary Valve:
- 22.Invited Lecture as faculty on **Management of Role of surgeries in CHD** AUGUST 2021: Congenital Heart Desk Foundation Bangladesh
- 23.Invited Lecture as faculty on **Management of Adult Congenital Heart Disease**, SEPT 2021 Ministry of Public Health, Afghanistan
- 24.Invited Lecture as faculty on **Management of Role of surgeries in CHD: Why a pediatric cardiologist should understand the surgical plan?** SEPT 2021Ministry of Public Health, Afghanistan
- 25. Participation as faculty IACTS CT CME Chennai: SEPT 2021: Moderation of session on Mitral valve repair
- 26. Invited Lecture as Faculty on Surgery for Sternal defects: PCSI ANNUAL MEETING OCT 2021
- 27. Invited Lecture as Faculty on "Transplant in ACHD" Heart Failure Association of India Annual conclave : ON LINE FEB 2022
- 28.INVITED LECTURE as faculty ON **TOF WITH ABSENT PULMONARY VALVE** IACTSCON 2022 JAIPUR: APRIL 2022
- 29. INVITED LECTURE AS FACULTY ON Government participation in healthcare delivery for congenital heart diseases- is there a West Bengal model? PCSI ANNUAL MEETING, NOV 2022 KOLKATA 30. INVITED LECTURE AS FACULTY At ANNUAL MEETING OF SOCIETY OF PEDIATRIC CRITICAL ACRE, KOLKATA, AUGUST 2023
  - ECMO IN CHILDREN: OPTIONS AND CANNULATION TECHNIQUES
  - HEART TRANSPLANT: CURRENT STATUS WITH AN EMPHASIS ON PEDIATRIC TRANSPLANTS
- 31. INVITED LECTURE AS FACULTY on **Tackling Coronary Abnormalities in Congenital Heart Disease: From children to adults** At ANNUAL MEETING OF SOCIETY OF CORONARY SURGEONS, INDIA: JULY 2023

- 32. INVITED LECTURE AS FACULTY on **Heart Transplant Experience in Eastern India: Challenges and lessons learnt** At ANNUAL MEETING OF INDIAN SOCIETY OF ORGAN TRANSPLANT, KOLKATA OCTOBER 2023
- 33. INVITED LECTURE AS FACULTY on **COARCTATION OF AORTA AND ARCH REPAIR** at IACTS MID TERM CME OCTOBER 2023 MADURAI

### **ORGANISATIONAL ROLES:**

- 1.CLINICAL LEAD, CARDIAC SURGERY AT NARAYNA SUPERSPECIUALITY HOSPITAL, HOWRAH, KOLKATA
- 2.ORGANISING SECRETARY OF THE ANNUAL CONFERENCE OF PEDIATRIC CARDIAC SOCIETY OF INDIA NOVEMBER 2022 KOLKATA INDIA
- 3. ORGANISING SECRETARY FOR EASTERN INDIA AORTIC CONCLAVE MAY 2023 DURGAPUR INDIA
- 4. ORGANISING CO-ORDINATOR FOR THORACIC SESSION FOR THE ANNUAL MEETING OF INDIAN SOCIETY OF ORGAN TRANSPLANT, KOLKATA, OCTOBER 2023