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**DR. DIBIN MOHAMMED BEDARDEEN KUNJU**

M.B.B.S, M.S. (General surgery), M.Ch. Cardiovascular and thoracic surgery

**PERSONAL DATA:**

First Name : DIBIN MOHAMMED

Last name : BEDARDEEN KUNJU

Date of Birth : 19-05-1988

Nationality : Indian

Medical licensure : Travancore-Cochin council of Modern medicine

: Mch cardiovascular and thoracic and surgery 2018-2021

Qualifications M.S. (General Surgery) 2015-2017

MBBS 2007-2014

**WORK EXPERIENCE**

**May 2018 to date:**

Key Responsibilities:

o *Clinical work:* Handling Cardiac Surgery ICU unit, Cardiac , Thoracic and Vascular Surgeries.

**1. Oct 2017 to April 2018:**

Worked as Senior resident in general surgery at Govt. Medical college Kozhikode, Kerala, India

## **POSITIONS HELD**

1. Senior registrar in cardiothoracic and vascular surgery(Government medical college, Kottayam, Kerala- a high volume teaching hospital operating 2000 cases per year)- 14 Sep 2021 to 14 Sep 2022
2. Consultant cardiac surgeon(Government medical college, Kottayam, Kerala)- 15 Sep 2022 to 28 Feb 2023
3. Junior consultant cardiac surgeon(Apollo hospital, Chennai- high volume cardiac teaching hospital with 2880 cases per year)- 6 Mar 2023 to 15 Nov 2023
4. Associate consultant (Madras medical mission hospital, Chennai- high volume cardiac teaching hospital with 2400 cases per year)- 21 Nov 2023 to present
5. Created a succesful platform for facilitating academic interactions with world renowned cardiac surgeons, members of which include many Stalwarts of cardiac surgery and prominent cardiac surgeons from different parts of the world.

## **Affiliations: -**

- ☐ Life Member of **Indian Association of Cardiovascular & Thoracic Surgeons (IACTS)**

## **Research Profile: -**

- ☐ I have completed my thesis in **“COMPARISON OF ON PUMP VERSUS OFF PUMP CABG ON SELECTED VARIABLES”** under guidance of Dr. Jayakumar T K, Head and Professor of Cardiothoracic and vascular surgery.

## **CONFERENCES**

- 1 65<sup>th</sup> Annual Conference of IACTS at Chennai- 21<sup>st</sup> to 24<sup>th</sup> February 2019.
- 66<sup>th</sup> Annual Conference of IACTS at Ahmedabad- 6<sup>th</sup> to 9<sup>th</sup> February 2020.
- 2 67<sup>th</sup> Annual Conference of IACTS at Jaipur- 7<sup>th</sup> to 10<sup>th</sup> April 2022.
- 6<sup>th</sup> Amrita heart conclave on Pulmonary thromboendarterectomy by Dr David jenkins
- 3 on OCT 22<sup>nd</sup> and 23<sup>rd</sup> 2022
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- 4
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th5.GKNM live surge on 23<sup>rd</sup> and 24 september

6.Aortic summit 18-20<sup>th</sup> November 2022

7.Bengaluru ozaki summit by Dr Ozaki from 18-20<sup>th</sup> May 2023

8. Observership under Dr Schaefer for aortic repair, ross procedure, aortic root remodelling and advanced aortic surgery from August 16 to September 14, 2023 at University hospital Saarland, Germany

### **Operations Performed / Assisted / Observed:**

#### **Cardiac Surgery: -**

##### **Performed:**

□ On Pump Coronary Artery Bypass grafting □	- 20 -
Off pump cabg □ Aortic valve Replacement □	10 - 5
Mitral valve Replacement	-10 -
	1700 -
□ Vein Harvesting	700
□ Proximal Graft anastomosis to Aorta	-4000
□ Sternotomy	- 4200
□ Sternotomy Closure	-10
□ Tricuspid Valve repair	-10
□ ASD closure	-50
□ IABP insertion	

##### **Assisted:**

□ Off pump Coronary Artery Bypass grafting	-3000
□ On Pump Coronary Artery Bypass grafting	-200
□ Aortic valve Replacement	-1500
□ Aortic valve Repair	-20
□ Mitral valve Replacement	-1000
□ Mitral Valve Repair	-150
□ Tricuspid Valve repair	-200 -
□ Adult Intra cardiac repair	5 -5
□ ASD closure	

<input type="checkbox"/> VSD closure	-25
<input type="checkbox"/> Left Ventricular Aneurysm repair with or Without CABG.	-10
<input type="checkbox"/> Post infarction Ventricular septal defect repair	-10
<input type="checkbox"/> Congenital- Tetralogy of Fallot, AV canal defect, BT shunt	-100
Septal Myectomy	-25
<input type="checkbox"/> Aortic + Mitral valve replacement with or without tricuspid valve Repair	-250
<input type="checkbox"/> Cardiac Myxoma excision	-25
<input type="checkbox"/> AV Neo- Ozaki Procedure	- 5
<input type="checkbox"/> Cardiac transplantation	-4

#### **Minimally invasive Surgery: - (Assisted)**

<input type="checkbox"/> Minimally invasive Mitral Valve Repair	-70
<input type="checkbox"/> Mini- Aortic valve replacement	-10
<input type="checkbox"/> Minimally invasive Direct coronary bypass Grafting	-10
<input type="checkbox"/> Minimally invasive ASD closure	-25
<input type="checkbox"/> Minimally invasive PAPVC repair	-5

#### **Video Assisted thoracic Surgery**

<input type="checkbox"/> VATS – Lobectomy	-10
<input type="checkbox"/> VATS – Pleural / Lung Biopsy	-10
<input type="checkbox"/> VATS – Diaphragmatic Hernia Repair	-5
<input type="checkbox"/> VATS – Decortication	-5
<input type="checkbox"/> VATS – Mediastinal tumor excision	-4
<input type="checkbox"/> VATS – Pericardial cyst excision	-5
<input type="checkbox"/> VATS – Segmentectomy	-5
<input type="checkbox"/> VATS – Bullectomy	-4
<input type="checkbox"/> VATS – Drainage of collection	-5
<input type="checkbox"/> VATS – Pericardiocentesis	-2

#### **Thoracic Surgery:-**

##### **Performed:**

<input type="checkbox"/> Thoracotomy	-100
<input type="checkbox"/> Thoracotomy closure	-115

<input type="checkbox"/> ICD Insertion	-1000
<input type="checkbox"/> Tracheostomy Creation	-120
<input type="checkbox"/> Lobectomy	-5 -5
<input type="checkbox"/> Segmentectomy	-20 -1
<input type="checkbox"/> Bullae Excision	-20
<input type="checkbox"/> Pneumonectomy	-25
<input type="checkbox"/> Wedge Resection	-30
<input type="checkbox"/> Mediastinal Tumor Resection	-10
<input type="checkbox"/> Diaphragmatic Hernia Repair	-10
<input type="checkbox"/> Esophagoscopy	
<input type="checkbox"/> Bronchoscopy	

**Assisted:**

<input type="checkbox"/> Lobectomy	-100
<input type="checkbox"/> Segmentectomy	-120
<input type="checkbox"/> Bullae Excision	-100
<input type="checkbox"/> Pneumonectomy	-25
<input type="checkbox"/> Wedge Resection	-120
<input type="checkbox"/> Mediastinal Tumor Resection	-25
<input type="checkbox"/> Esophagectomy for carcinoma – 2 stage & 3 stages	-50
<input type="checkbox"/> Esophagoscopy	-150
<input type="checkbox"/> Bronchoscopy	-200
<input type="checkbox"/> Diaphragmatic Hernia Repair	-250
<input type="checkbox"/> Bilateral lung transplant	-2

**Aortic Surgery: -**

**Performed**

<input type="checkbox"/> Infra and supra renal aortic Aneurysm repair	-1
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**Assisted:**

<input type="checkbox"/> Aortic root Replacement (Bentall and David Procedure)	-300
<input type="checkbox"/> Type A Aortic Dissection Repair	-10
<input type="checkbox"/> Hemi Arch Replacement	- 25

<input type="checkbox"/> Full Aortic Arch Replacement	-5
<input type="checkbox"/> Descending Thoracic Aortic Aneurysm repair	-25
<input type="checkbox"/> Thoraco-Abdominal Aortic Aneurysm repair	-15
<input type="checkbox"/> Infra and supra renal aortic Aneurysm repair	-200
<input type="checkbox"/> Aorto Bi-iliac and Aorto Bifemoral bypass operation	-200

### **Vascular Surgery:**

#### **Performed:**

<input type="checkbox"/> AV Fistula Creation	-250
<input type="checkbox"/> Embolectomy from Brachial / Femoral artery	-150
<input type="checkbox"/> Peripheral artery (Brachial/Popliteal) injury repair	-50 -
<input type="checkbox"/> Exposure of Femoral / Brachial artery for bypass Operation	265
<input type="checkbox"/> Femoral-Popliteal Bypass	-20
<input type="checkbox"/> Popliteal-Popliteal Bypass	-10
<input type="checkbox"/> Femoral-Tibial Bypass	-5 -2
<input type="checkbox"/> Iliac Artery Aneurysm repair	-5
<input type="checkbox"/> Popliteal Artery aneurysm repair	-10
<input type="checkbox"/> Femoral artery pseudoaneurysm Repair	-5 -5
<input type="checkbox"/> Subclavian-Brachial bypass	
<input type="checkbox"/> Carotid interposition graft	

#### **Assisted: -**

<input type="checkbox"/> Femoral-Popliteal Bypass	-250
<input type="checkbox"/> Popliteal-Popliteal Bypass	-20
<input type="checkbox"/> Axillary-Femoral Bypass	-20
<input type="checkbox"/> Popliteal Artery aneurysm repair	-15
<input type="checkbox"/> Femoral artery pseudoaneurysm Repair	-15
<input type="checkbox"/> Subclavian Artery stenosis repair	-5
<input type="checkbox"/> Subclavian-Brachial bypass	-15
<input type="checkbox"/> Carotid Artery Endarterectomy	-20
<input type="checkbox"/> Hybrid Approach for Carotid-Carotid Bypass	-5 -5
<input type="checkbox"/> De-Branching of Left subclavian Artery.	

### **OBSERVED:**

- ☐ Orthotopic Heart Transplantation -6
- ☐ Harvesting of Heart from Donor -4

### **Teaching Experience:**

- ☐ **Senior Resident in cardiothoracic and vascular Surgery at kottayam medical college, was actively training junior residents, perfusion students and nurses.**
- ☐ **Junior consultant at Apollo, actively involved in teaching DNB residents and perfusion students**
- ☐ **Associate consultant At Madras Medical Mission hospital actively participated in training DNB residents, OR technicians and perfusion students.**

### **Departmental Seminar Presentations**

- ☐ ABG interpretation
- ☐ Basic of Mechanical Ventilation
- ☐ Atrioventricular Canal Defect
- ☐ Cardiopulmonary Bypass Strategy in MICS
- ☐ Endoscopic Vein Harvesting- Technique & Review of Literature
- ☐ Hypertrophic Cardiomyopathy- with Recent Guidelines
- ☐ Neurocognitive Function in On Pump Vs Off Pump CABG
- ☐ Pulmonary Artery anatomy & Thromboembolism
- ☐ Thoraco-Abdominal Aortic Aneurysm Management with Review of Literature
- ☐ Total Parenteral Nutrition
- ☐ Ventricular Septal Rupture- Pathophysiology and Timing of surgery.
- ☐ Basic Knowledge on Covid-19 Infection.
- ☐ Tissue Valve and Suture less Valve in cardiac Surgery.
- ☐ Our Institute protocol for COVID-19 Management.
- ☐ **Lecturer** For Perfusionist Student @ Government Medical College Kottayam.

## **REFEREES:**

### **1. Dr.JAYAKUMAR**

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### **2. Dr. NIDHEESH C H**

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### **3. Dr.SIVAPRASAD VEERABHADRAN**

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