

CPD ON (Continuing Professional Development)

UPDATE ON MECHANICAL CIRCULATORY SUPPORT



Organized by
DEPARTMENT OF CARDIOTHORACIC SURGERY

Malla Reddy Narayana Multispeciality Hospital &
Malla Reddy Medical College for Women

Date:
02nd August, 2025
Saturday

Time:
08:30 AM
Onwards

Venue:
2nd Floor, Conference Hall,
Malla Reddy Narayana Hospital

Update on Mechanical Circulatory Support

Mechanical circulatory support (MCS) has become an essential option for managing advanced heart failure and cardiogenic shock. Recent developments include more compact and durable ventricular assist devices (VADs), improved extracorporeal membrane oxygenation (ECMO) systems, and enhanced biocompatible materials. These innovations have led to better survival rates, fewer complications, and improved quality of life. Minimally invasive procedures and remote monitoring capabilities are also helping to streamline care and recovery. Ongoing research is focused on refining patient selection and long-term support strategies to further optimize outcomes.

ORGANIZING TEAM

Chairman : Dr. M. Sudhakar Rao

Secretary : Dr. B. Srinivasulu Reddy

REGISTRATION INFORMATION:

- Delegates Registration fee – **Rs. 500/-**
- PG Students Registration fee – **Rs. 200/-**
- Spot Registration fee – **Rs. 700/-**
- Registration closes on **25th July 2025**

HOW TO REGISITER:

- Scan the QR code to make the payment.
- Scan the QR code to fill out the Google Form for registration.

PLEASE SHARE THE PAYMENT SCREENSHOT FOR FOLLOWING NUMBER:

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Phone Number : +91 80198 90729

Eligible For **02** Credit Hours

Telangana Medical Council (TMC)

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CHIEF PATRON

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Dr. H. Sundeep Kumar, Medical Superintendent, MRNH

SCIENTIFIC SESSIONS

TIME	TOPIC	SPEAKER	CHAIRPERSONS
08:30 – 09:00 AM	REGISTRATION		
SESSION – I			
09:00 – 09:20 AM	INTRODUCTION TO HEART FAILURE	DR. P. S. GAUTAM Consultant Cardiologist – MRNH	DR. SIDDAPPA GOURAV DR. N. SRINIVAS RAO
09:20 – 09:40 AM	PATHOPHYSIOLOGY OF HEART FAILURE	DR. KAMAL KUMAR CHAWLA Consultant Cardiologist – MRNH	
09:40 – 10:00 AM	OPTIMAL MEDICAL MANAGEMENT OF HF	DR. PRAKASH AJMERA Consultant Cardiologist – MRNH	
10:00 – 10:10 AM	Q&A		
SESSION – II			
10:10 – 10:30 AM	PATIENT SELECTION FOR MCS VS TRANSPLANT	DR. P V NARESH KUMAR Consultant CTVS-Apollo Hospital, Jubilee Hills, HYD	DR. P. SURENDER DR. R R MURTHY
10:30 – 10:50 AM	ANAESTHETIC IMPLICATIONS IN MCS	DR. B. SRINIVASULU REDDY Consultant Anaesthesiologist – MRNH	
10:50 – 11:10 AM	MONITORING & ANTICOAGULATION IN MCS	DR. A SHYAM SUNDER Add. Prof, AIIMS – Bibinagar – Hyd	
11:10 – 11:20 AM	Q&A		
11:20 – 11:30 AM	TEA BREAK		
11:30 – 12:00 PM	INAUGURATION		
SESSION – III			
12:00 – 12:20 PM	IABP	DR. M. SUDHAKAR RAO Consultant CTVS – MRNH	DR. SHIVARAM DR. SURESH
12:20 – 12:40 PM	ECMO	DR. N. PAVAN KUMAR REDDY Consultant Critical Care, Hitech City – Hyd	
12:40 – 01:00 PM	SHORT DURATION MCS	DR. KARUNAKAR Consultant Cardiologist-Apollo Hospital, Jubilee Hills, HYD	
01:00 – 01:20 PM	ROLE OF MCS IN RIGHT HEART FAILURE	DR. C. RAGHU Consultant Cardiologist Yashoda Hospital, SEC-HYD	
01:20 – 01:30 PM	Q&A		
01:30 – 02:00 PM	LUNCH BREAK		
SESSION – IV			
02:00 – 02:20 PM	VADs & TAH	DR. HARISH BADAMI Consultant CTVS – MRNH	DR. NAGAMANI DR. M. SRINIVAS REDDY
02:20 – 02:40 PM	MCS IN PEDIATRIC PATIENTS	DR. GANAPATHI S K Consultant CTVS, Rainbow Children Heart Institute – HYD	
02:40 – 03:00 PM	TROUBLE SHOOTING IN PATIENTS ON MCS	DR. PRAVEEN NANDAGIRI Consultant CTVS, Renova Century Hospital – HYD	
03:00 – 03:20 PM	AI IN MCS	DR. MALLESHWAR Consultant Anaesthesiologist – MRNH	
03:20 – 03:30 PM	Q&A		
03:30 – 03:40 PM	TEA BREAK		
INTERACTIVE SESSIONS			
03:40 – 04:10 PM	IABP	DR. SUDHAKAR DR. MALLESWAR	
04:10 – 04:40 PM	ECMO	DR. N. PAVAN DR. B. SRINIVASULU REDDY	
04:40 – 05:10 PM	IMPELLA	DR. P. S. GAUTAM DR. SUBRAMANYAM	
05:10 – 05:40 PM	VADs	DR. HARISH DR. KAMAL KUMAR	
05:40 PM	VOTE OF THANKS	DR. ARCHANA	



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