



26TH SEPTEMBER, 2024

PRE-CONFERENCE
WORKSHOP

W5

**INFORMATICS AND DATA
SCIENCE IN TRANSFUSION**



Venue:

Madras Medical College, Chennai



Time:

9.00 am to 5.00 pm

The Informatics session will offer an opportunity for Blood centres to explore issues related to international standards in Transfusion Practice, given Blood and its components being considered by the WHO as Medicinal Products of Human Origin (MPHO), listen to experiences from those who have implemented ERP solutions for blood centres in their organizations and understand the role of IT in improving safety and quality. We will also explore how to organize the data originating from processes and clinical sources to discover new knowledge. There will be opportunities to interact with experts from academia, standards organizations, and industry partners.

- Authentication & Chain of traceability for Medicinal Products of Human Origin (MPHO)
- A systems approach to developing solutions for Transfusion Medicine
- Data Science in Transfusion Medicine
- Bedside safety for transfusion in the Hospital – can technology help?
- National Programs – Haemovigilance & E-Rakt kosh

Target audience:

Postgraduates, Fellows

Medical staff & faculty

Technical staff

Industry – Software companies & IT developers

Level: Basic – Intermediate

ISTM – TRANSMEDCON – 2024

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SCHEDULE

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Informatics and data Science in transfusion

PROGRAM	RESOURCE PERSON	COMMENTS
Introduction to the workshop	Dr Krishnamoorthy / Dr. Joy Mammen	
Introductions		
Setting the Stage & Welcome	Joy Mammen	CMCV
Standards & Traceability	Eoin McGrath	ED, ICCBBA, USA
TEA		
Creating clean data sets in resource limited settings	Suvro Datta	TMC, Kolkata
Pathways to a registry - Experience sharing	International Speaker	
AI in Transfusion Medicine - exploring the scope	Satyam Arora	PGICH, Noida
Working Lunch/Industry Demo		
Starting from Scratch - implementing a new Blood Centre Information System	Saptarshi Mandal	AIIMS Jodhpur
Strategies for a seamless transition of your Blood Centre Information System	Ganesh Mohan	Manipal
Implementation of ISBT128 system	Joy Mammen	CMC Vellore
Implementation of vein-vein safety	Rajesh Sawant	Kokilaben Mumbai
Developing a tool for Use of AI system for guidelines	Ronak Dubey	AIIMS Nagpur
Industry Demo		
Intelligent multidimensional database design: Where the future lies.	Ruchika Goel	Vitalant/JHU, USA
CLOSING	All	
Walking tour - MMC Blood centre		