



26<sup>TH</sup> SEPTEMBER, 2024

# PRE-CONFERENCE WORKSHOP

## 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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# WORKSHOPS

## SCHEDULE

Venue: MADRAS MEDICAL COLLEGE, CHENNAI  
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### Informatics and data Science in transfusion

	PROGRAM	RESOURCE PERSON	LEAD FACULTY – Dr. Joy Mammen
7.30 - 8.30 AM	Registration		
8.30 - 9.00 AM	Inauguration		
9.15 - 9.30 AM	Introduction to the workshop Welcome & Pretest	Dr. Krishnamoorthy / Dr. Joy Mammen	
9.30 - 9.45 AM	Introductions of participants	All participants	
9.45 - 10.15 AM	AI in Transfusion Medicine - exploring the scope	Dr. Satyam Arora	
10.15 - 10.45 AM	Tea break		
10.45 - 11.05 AM	Creating clean data sets in resource limited settings	Dr. Suvro Datta	
11.05 - 12.00 PM	Creating value through registries - Learning from the TRU, Monash University	Dr. Erica Wood, Neil Waters	Video Conference
12.00 - 12.35 PM	Standards & Traceability	Mr. Eoin Mcgrath	
12.35 - 1.30 PM	Lunch break		
1.30 - 1.50 PM	Starting from Scratch – Implementing a new BIS	Dr. Saptarshi Mandal	
1.50 - 2.10 PM	Transitioning from one BIS to another	Dr. Ganesh Mohan	
2.10 - 2.30 PM	Implementation of vein to vein safety	Dr. Deepti Sachan	
2.30 - 2.50 PM	Use of AI systems in Transfusion Practice	Dr. Rounak Dubey	
2.50 - 3.30 PM	Discussion on previous speakers' talks	All participants	
3.30 - 4.00 PM	Industry Demo & discussion	Biolog ID	
4.00 - 4.30 PM	Tea break		
4.30 - 5.00 PM	Intelligent Multidimensional database design – where the future lies	Dr. Ruchika Goel	Video Conference
5.00 - 5.15 PM	Closing	All participants	
5.15 - 6.00 PM	Walking tour of MMC Blood Centre		