



11-12th July

**ISTM CME 2024**

Unlocking the Future of Transfusion Medicine



# Programme Schedule

(Approved by National Advisory Committee)

First National CME of Indian Society of Transfusion Medicine

## ISTM CME 2024

**11th July 2024 - 09:00 am to 05:00 pm**

**12th July 2024 - 09:00 am to 04:00 pm**

Hyatt Regency Trivandrum, Kerala

# Programme Schedule

(Approved by National Advisory Committee)

**Hall A**

11th July, 2024

## Session 1: Organization and Beyond

9:00 am to 10:30 am

Time	Speakers/ Panelists	Topic	Chairpersons
09:05 am - 09:25 am	Mr. C. Padmakumar	<b>Indigenous Blood Bag Manufacturing Technology</b>	<b>Dr. Debasish Gupta Dr. Ratti Ram Sharma Dr. Krishan Kumar</b>
09:25 am - 09:45 am	Dr. Rajendra Chaudhary	<b>Utility of clinical audits in improving transfusion practices.</b>	
9:45 am - 10:05 am	Dr. R.N. Makroo	<b>Achieving near zero risk in blood transfusion</b>	
10:05 am - 10:25 am	Dr. Prasun Bhattacharya	<b>Practitioners of Transfusion Medicine beyond the Blood Centre and Laboratory</b>	

## Session 2: Surveillance of Donor and Recipient Well-being

10:30 am – 11:15 am

10:35 am – 10:55 am	Dr. Abhishekh Gowda	Innovative strategies to mitigate donor adverse events.	Dr. Ashok Yadav Dr. Anupam Verma
10:55 am – 11:15 am	Dr. Gopal Patidar	Recipient Hemovigilance: Pulmonary Complications	

11:15 am – 11:30 am TEA/COFFEE BREAK

## Session 3: Apheresis and Cellular Therapy – Our future

11:30 am – 01:00 pm

11:40 am – 12:00 pm	Dr. Shashank Ojha	Donor Lymphocyte Infusions after Haploidentical Hematopoietic Stem Cell Transplantation	Dr. Ravneet Kaur Dr. Sangeeta Pathak
12:00 pm – 12:20 pm	Col. Dr. Alok D. Sen	Double unit red cell apheresis	
12:20 pm – 12:40 pm	Dr. Veena Shenoy	Unrelated stem cell donor apheresis: ensuring product quality and donor safety	
12:40 pm – 1:00 pm	Dr Priti Desai	CAR-T cell therapy	

**01:00 pm – 02:00 pm LUNCH BREAK**

## **Panel Discussion - I**

**02:00 pm – 02:45 pm**

<b>Massive Transfusion and Patient Blood Management</b>	Dr. Rahul Chaurasia	<b>Massive transfusion protocol in Trauma</b>	<b>Dr. Shaiji P.S.</b>
	Dr. Ravindra Singh	<b>Massive transfusion protocol in Obstetric bleeding</b>	
	Dr. Chitra James	<b>Massive transfusion protocol in Liver Transplantation</b>	

## **Session 4: Triumph Against Pathogens**

**02:45 pm – 04:00 pm**

<b>02:50 pm – 03:10 pm</b>	Dr. Rajesh B Sawant	<b>Bacterial contamination in platelet components</b>	<b>Dr. Jayashree Sharma Dr. Meena D</b>
<b>03:10 pm – 03:30 pm</b>	Dr. Tulika Chandra	<b>Pathogen reduction in Blood Transfusion Services</b>	
<b>03:30 pm – 03:50 pm</b>	Dr. Mohandoss M	<b>Production of Virus Specific T cells to treat refractory viral infections post allogeneic stem cell transplantation.</b>	

## Session 5: Exploring New Frontiers

04:00 pm – 05:00 pm

04:00 pm – 04:20 pm	Dr. Gita Negi	Design thinking - applications in transfusion medicine	Dr. Mayadevi S Dr. Veena Doda
04:20-04:40 pm	Dr. Ranjeet S Ajmani	Technological advances in manufacturing of PDMPs	
04:40 pm – 05:00 pm	Dr. Ashish Munjal	Teleservices in Transfusion Medicine	

**5:00 pm TEA/COFFEE BREAK**

**7:00 pm onwards INAUGURATION followed by DINNER**



# Hall A

12th July, 2024

## Session 6: A Saga of Antigens and Antibodies

09:00 am - 10:15 am

Time	Speakers/ Panelists	Topic	Chairpersons
09:05 am - 09:25 am	Dr. Dheeraj Khetan	<b>Phenotyping vs genotyping in Rh Blood group system</b>	<b>Dr. Sudipta Sekhar Das Dr. Krishnamoorthy R</b>
09:25 am - 9:45 am	Dr. R. Raj Bharath	<b>Resolution of multiple antibodies following incompatible crossmatch</b>	
09:45 am - 10:05 am	Dr. Deepika Chenna	<b>Monocyte Monolayer Assay - Solution for Safe Transfusions in Complex Immuno-hematological Cases</b>	

## Session 7: Hemostasis and Coagulation

10:15 am - 11:00 am

10:15 am - 10:35 am	Dr. Sitalakshmi Subramanian	<b>Quality control in a Hemostatic Laboratory</b>	<b>Dr. Nidhi Bhatnagar Dr. S Subash</b>
10:35 am - 10:55 am	Dr. Aboobacker Mohamed Rafi	<b>Newer prospects in Viscoelastic testing</b>	

**11:00 am - 11:15 am TEA/COFFEE BREAK**

## Session 8: Hemotherapy

11:15 am - 12: 10 pm

11:25 am - 11:45 pm	Dr. Ashish Jain	<b>Intra-uterine Transfusions: Transfusion Medicine Perspective</b>	<b>Dr. NK Naidu Dr. Kiran Chaudhary</b>
11:45 am - 12:05 pm	Dr. Satyam Arora	<b>Use of Whole Blood in Pediatric and Neonate: A Renewed interest</b>	

## Session 9: Quality Management and Accreditation

12:10 pm – 01:00 pm

12:15 pm – 12:35 pm	Dr. Ankit Mathur	<b>Accreditation beyond Indian Borders</b>	<b>Dr. Jitendra Vachhani Dr. Aseem Kumar Tiwari</b>
12:35 pm – 12:55 pm	Dr. Ganesh Mohan	<b>Developing key performance indicators of massive transfusion as a continuous quality improvement tool.</b>	

**01:00 pm – 02:00 pm LUNCH BREAK**

## Panel Discussion - II

02:00 pm – 02:45 pm

<b>Therapeutic Apheresis</b>	Dr. Meenu Bajpai	<b>Therapeutic plasma Exchange in Liver Disease Patients</b>	<b>Dr. Deepti Sachan</b>
	Dr. Rekha Hans	<b>Therapeutic apheresis in pediatric patients</b>	
	Dr. Girijanandini Kanungo	<b>Therapeutic Apheresis in Sickle cell patients</b>	



## Session 10: Innovations at Work

02:45 pm - 04:00 pm

02:50 pm - 03:10 pm	Dr. Anand Shankar Deshpande	<b>Software application and AI in Blood Transfusion Services</b>	<b>Dr. Harish Warbhe Dr. Sasikala N</b>
03:10 pm - 03:30 pm	Dr. Nittin Henry	<b>Innovations for Sustainable model of Blood Transfusion Service</b>	
03:30 pm - 03:50 pm	Dr. Rahul Katharia	<b>Automation in Blood Component laboratory</b>	

**4:00 pm TEA/COFFEE followed by VALEDICTORY FUNCTION**

**04:45 pm Departure from venue for Social Evening at SAMUDRA (KTDC), Kovalam**

# Hall B

## Session 1- Immunohematology

(09:00 am - 11:00 am)

Time	Presentation Number	Title of presentation	Chairpersons
09:00 am - 09:10 am	OP 01	Effect of Anti-D titre on IUT interval and HDFN severity in Allo-immunised Pregnant Women	Dr. Swati Kulkarni Dr. M. Sintha Dr. Arun Rajendran
09:10 am - 09:20 am	OP 02	Analysis of ABO Blood Group Discrepancies in Donors	
09:20 am - 09:30 am	OP 03	Harnessing the potential of C and e antigen negative blood donors: - A Database initiative for thalassemia care	
09:30 am - 09:40 am	OP 04	Antenatal Maternal Indirect Antiglobulin Titers (IAT) and fetal outcome in Rh negative pregnancies	
09:40 am - 09:50 am	OP 05	Serological characterization of Direct Antiglobulin Test positive cases in assessing the severity of in vivo hemolysis at a tertiary care centre in South India	

10:00 am – 10:10 am	<b>OP 06</b>	<b>Alloimmunization Risk and Management in Beta-Thalassemia: Insights from Extended Antigen-Matched Transfusions</b>	<b>Dr. Pallavi Prakash Dr. Shanthala Devi AM Dr. Gagandeep Kaur</b>
10:10 am – 10:20 am	<b>OP 07</b>	<b>Root cause analysis and CAPA of incompatible crossmatches for PRBC transfusion in patients attending to a tertiary care hospital in Eastern India: a retrospective study of one year data</b>	
10:20 am – 10:30 am	<b>OP 08</b>	<b>A study of ABO blood grouping discrepancies: experience of a tertiary care hospital, Navi Mumbai</b>	
10:30 am – 10:40 am	<b>OP 09</b>	<b>Exploring Erythrocyte Alloimmunization and Autoimmunization in Transfusion-Dependent Thalassemia (TDT) patients of predominantly North Indian descent from Uttarakhand</b>	
10:40 am – 10:50 am	<b>OP 10</b>	<b>Comparative analysis of Autoimmune Hemolytic Anemia Prevalence Pre and Post-Covid-19 Era : A Retrospective Cohort Study</b>	
10:50 am – 11:00 am	<b>OP 11</b>	<b>A case of delayed hemolytic transfusion reaction with conjugated hyperbilirubinemia, an interesting case report</b>	

**11:15 am – 11:30 am TEA/COFFEE BREAK**

**11:30am – 11:50 am Innovation in Education for Transfusion Medicine- Dr. Sonu Bhatnagar**

**Session 2 – Blood Donor and Donation  
(11:50 am – 12:50 pm)**

<b>Time</b>	<b>Presentation Number</b>	<b>Title of presentation</b>	<b>Chairpersons</b>
11:50 am – 12:00 pm	<b>OP 12</b>	<b>Quality indicators in blood donation area at a tertiary care institute in Northern India</b>	<b>Dr. Suchet Sachdev Dr. Sajith Vilambil Dr. Tirtha Chaliha</b>
12:00 pm - 12:10 pm	<b>OP 13</b>	<b>Knowledge, attitude and practices about blood donation among interns in tertiary care center</b>	
12:10 am – 12:20 pm	<b>OP 14</b>	<b>Deciphering Donor Satisfaction and Future Donation Intentions: Post-Donation Feedback Analysis from an Eastern Indian Oncology Setting</b>	
12:20 pm – 12:30 pm	<b>OP 15</b>	<b>Therapeutic Phlebotomy: Impact on Hematological Parameters and Clinical Outcomes in Polycythemia Patients</b>	

12:30 pm - 12:40 pm	OP 16	<b>Should pre-donation Sickle Cell Carrier testing be made mandatory in high-prevalence areas?</b>	
12:40 pm - 12:50 pm	OP17	<b>Predicting Vasovagal Reactions in Whole Blood Donors. It's Time to be Cautious</b>	
12:50 pm - 01:00 pm	OP 18	<b>Comparative analysis of hematological parameters in first time and repeat donors in a tertiary care hospital</b>	

**01:00pm - 02:00 pm LUNCH BREAK**

## **Session 3 - Clinical Transfusion Practices and Hemovigilance (02:00 pm - 04:45 pm)**

<b>Time</b>	<b>Presentation Number</b>	<b>Title of presentation</b>	<b>Chairpersons</b>
02:00 pm - 02:10 pm	OP 19	<b>Analysis of blood utilization practices in cardiothoracic and vascular surgery patients in a tertiary care hospital</b>	
02:10 pm - 02:20 pm	OP 20	<b>Tiny Transfusions: An audit of packed red cell transfusions patterns in pediatric patients</b>	

02:20 pm - 02:30 pm	OP21	<b>A study on prevalence of anemia and transfusion requirements among preterm neonates in NICU of a tertiary care centre</b>	<b>Dr. Ashish Jain (Rishikesh) Dr. HK Dhawan Dr. Anju Verma</b>
02:30 pm - 02:40 pm	OP 22	<b>Improving blood transfusion care by empowering nursing practices through an in-service training module</b>	
02:40 pm - 02:50 pm	OP 23	<b>Experience of exchange transfusion in neonatal hyperbilirubinemia from a tertiary care centre in Western Maharashtra: A Case Series</b>	
02:50 pm - 03:00 pm	OP 24	<b>The Role of Hemovigilance and Continuing Education in Optimizing Peri-operative Blood Requirement in Orthopedic Surgeries</b>	

**03:10 pm - 03:30 pm Centralised NAT: Economic Benefits and Operational Efficiency - Dr. Rema Menon**

03:30 pm - 03:40 pm	OP 25	<b>Comparative analysis of liberal versus restrictive PRBC transfusion strategies in critically ill cardiac patients</b>	
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03:40 pm – 03:50 pm	OP 26	<b>Are the factor 8 levels in group O plasma too low? It's time to reevaluate the dose of group O plasma</b>	<b>Dr. Vijayalakshmi K Dr. Akshay Batra Dr. Kala Kishore</b>
03:50 pm – 04:00 pm	OP 27	<b>A new way to analyse severity of autoimmune haemolytic anaemia (AIHA)</b>	
04:00 pm – 04:10 pm	OP 28	<b>Blood Component Utilization Patterns in Congenital Heart Surgeries: Insights from a Tertiary Pediatric Hospital</b>	
04:10 pm – 04:20 pm	OP 29	<b>Efficacy of granulocyte transfusion in neutropenia</b>	
04:20 pm – 04:30 pm	OP 30	<b>Estimation of Blood Utilization in common elective surgeries: a key to formulate Maximum Surgical Blood Ordering Schedule</b>	
04:30 pm – 04:40 pm	OP 31	<b>Pulmonary Transfusion Reactions: Experience from a Tertiary care centre</b>	



**05: 00 pm – TEA/COFFEE BREAK**

**05:00 pm -06:00 pm**

**TRG Meeting on Transfusion Transmissible Infections**

**07:00 pm onwards INUGURATION in HALL A followed by DINNER**

**Hall B**

**Day 2: 12/07/2024 - Oral and Poster Presentation**

**Session 4 - Apheresis and Cellular Therapy and TTI  
(09:00am - 11:30 am)**

<b>Time</b>	<b>Presentation Number</b>	<b>Title of presentation</b>	<b>Chairpersons</b>
09:00 am - 09:10 am	OP 32	Analysis of blood donor deferral in plateletpheresis Donors	
09:10 am - 09:20 am	OP 33	Evaluation of donor parameters and their relation with platelet yield & collection efficiency in plateletpheresis at blood centre in a tertiary care hospital	

09:20 am – 09:30 am	OP 34	<b>Insights Into Paediatric Peripheral Blood Stem Cell Transplants And Transfusion Support During The Engraftment Period: A Retrospective Study In South India</b>	<b>Dr. Biplabendu Talukdar Dr. Ritam Chakrabarty Dr. Arun Rajendran</b>
	OP 35	<b>Regret</b>	
09:30 am – 09:40 am	OP 36	<b>Effectiveness of prompt plasma exchange in series of rat poison cases with Acute Liver Failure</b>	
09:40 am – 09:50 am	OP 37	<b>A study to analyze the effectiveness, impregnability and challenges faced in therapeutic plasma exchange in pediatric patients</b>	
09:50 am – 10:00 am	OP 38	<b>Exploring the Impact of Introduction of Therapeutic plasma exchange in Acute Liver Failure patients at our Tertiary care centre in Southern India</b>	
10:00 am – 10:20 am	OP 39	<b>Factors influencing donor counselling rate in western Rajasthan and effectiveness of Whats App based video counselling – A prospective interventional study</b>	

10:20 am - 10:30 am	OP 40	<b>Prevalence of Transfusion Transmitted Infections at a tertiary care centre in western India – 8 years Retrospective Study</b>	<b>Dr. Rajendra G. Kulkarni Dr. Suchet Sachdev Dr. HK Dhawan</b>
10:30 am - 10:40 am	OP 41	<b>The impact and modality of ID NAT testing and comparison with Chemiluminescence Testing for screening of Hepatitis B, Hepatitis C and HIV in an Indian Scenario in a Tertiary Cancer Care Setting</b>	
10:40 am - 10:50 am	OP 42	<b>Retrospective study to analyze the correlation of Real-time PCR(RT-PCR) for detecting HCV-RNA loading and the chemiluminescence immunoassay (CLIA) for detecting anti-HCV antibody</b>	
10:50 am - 11:00am	OP 43	<b>Performance evaluation of chemiluminescence immunoassay &amp; enzyme-linked immunosorbent assay in Transfusion Transmitted Infection screening in blood centre at a tertiary care hospital, Kerala</b>	
11:10 am - 11:20 am	OP 44	<b>The Incidence of Transfusion-Transmitted Infections and acute adverse reactions in transfusion dependent thalassemia patients at a tertiary care hospital</b>	
11:20 am - 11:30 am	OP 45	<b>Sero-prevalence and notification of Hepatitis C reactive whole blood donors: Our experience</b>	

**11:30 am - 11:45 am    TEA BREAK**

## Session 5- Hemostasis and Coagulation, Quality Management and Accreditation and Organization and Management

Time	Presentation Number	Title of presentation	Chairpersons
11:45 am – 11:55 am	OP 46	<b>Hemostatic Profiling of breast carcinoma patients using Viscoelastic Coagulation Assay: Thromboelastography</b>	<b>Dr. Gagandeep Kaur Dr. M Joshua Daniel Dr. Ripal Shah</b>
11:55 am – 12:05 pm	OP 47	<b>Clinical Transfusion Chain (CTC) Turnaround time (TATCTC): A new quality indicator for improving transfusion services and patient care</b>	
12:05 pm – 12:15 pm	OP 48	<b>Evaluation of quality indicators at blood centre in a tertiary care centre, Kerala</b>	
12:15 pm – 12:25 pm	OP 49	<b>Blood utilization pattern and quality indicators at a tertiary care hospital</b>	
12:25 pm – 12:35 pm	OP 50	<b>Enhancing blood centre operations through lean six sigma methodologies</b>	
12:35 pm – 12:45 pm	OP 51	<b>Blood centre information system &amp; Modernization: A Journey of Software, Staff, and Surprising Self-Discovery</b>	

**12:50 pm - 01:10 pm Exploring further applications of NAT  
Screening - Dr. Deepti Sachan**

**01:10 pm - 02:00 pm LUNCH BREAK**

**Hall C**

**Poster Presentation  
02:00 to 04:00 pm**

# INAUGURAL CEREMONY

HALL A | 11 JULY | 07:00 PM

## INVOCATION

**WELCOME ADDRESS** : **Dr. Debasish Gupta**  
President, ISTM  
Organizing Chairperson, ISTM CME 2024  
Professor and Head  
Department of Transfusion Medicine, SCTIMST

## Lamp Lighting Ceremony

**Address** : **Dr. Ratti Ram Sharma**  
Secretary, ISTM  
Professor and Head  
Department of Transfusion Medicine PGIMER

**Overview of Scientific Programme** : **Dr Amita R. Nair**  
Scientific Committee Chairperson, ISTM CME 2024

**Address** : **Dr Roy Joseph**  
Dean  
SCTIMST

**Guest of Honour Address** : **Dr V.R. Lalithambika**  
Scientist and Former Director,  
Directorate of Human Space Programme, ISRO  
Current Professor of Practice, IIT Madras

**Special Address** : **Dr Krishan Kumar**  
Director, NBTC, DGHS

## Presentation of Mementos

**Souvenir Release** : **Dr. V Narayanan**  
**Inaugural Address by Chief Guest** Director, LPSC, ISRO

**Vote of Thanks** : **Dr Vinu Rajendran**  
Organizing Secretary, ISTM CME 2024

**Entertainment Programme** : **Traditional Kerala Dance forms**





# *You are Invited*

All registered delegates are cordially invited to join us for the

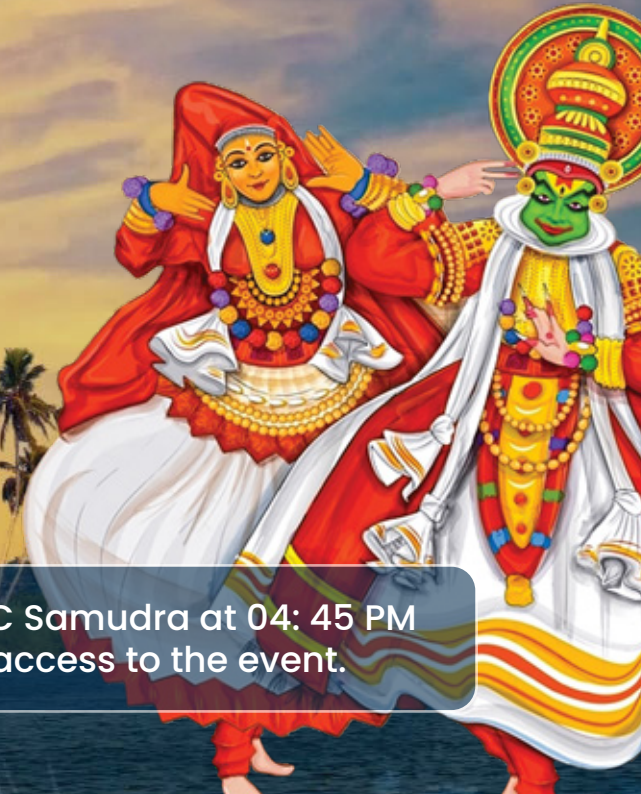
## **Gala Dinner**

at KTDC Samudra (Lawn Area), Kovalam

**12.07.2024 | 05 : 30 PM onwards**

**Note:**

Transit vehicles (to & fro) are arranged from Hyatt Regency to KTDC Samudra at 04: 45 PM  
Please ensure to bring your CME Badge (ID card) for seamless access to the event.





## Organizing Secretariat

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Organizing Chairperson - **Dr. Debasish Gupta** : 9020120101

Organizing Secretary - **Dr. Vinu Rajendran** : 9567604381

### Abstract & Scientific Program related queries:

☎ **Dr Amita R** - 944 7862554

☎ **Dr Angel Mary Sam** - 9605377504

### Registration related queries

Ajith Kumar +91 94952 89862

### Accommodation related queries

Divya Nair 9846468600



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