

# 11<sup>th</sup> Annual National Conference of Indian Society of Transfusion Medicine



ISTM



**TRANSMEDCON**  
3<sup>rd</sup> - 5<sup>th</sup> November  
• Interact • Innovate • Implement **2023**



Venue: Hyatt Regency, Chandigarh



Welcome to the City Beautiful  
**Chandigarh**

## Conference Program

 <https://transmedcon2023.com>

## Day 1 - 3 November 2023

### HALL A

Time Slot	Topic	Speakers	Chairpersons
07:30 Onwards	<b>Registration &amp; Kit Collection</b>		
<b>08:00 - 09:00</b>	<b>Hall B   P.G. Quiz - Preliminary Round</b>		<b>Quiz Masters:</b> Dr. Aikaj Jindal Dr. Lakhvinder Singh Dr. Kshitija Mittal
<b>Safe &amp; Sustainable Blood Supply</b>			
09:00 - 09:20	Towards implementation of 100% voluntary blood donation	Dr. Jhalak Patel	Dr. Krishan Kumar Dr. Kulbir Kaur
09:20 - 09:40	Blood donation and Iron deficiency : strategies and concerns in resource constraint settings	Dr. Ravneet Kaur	
09:40 - 10:00	Building up of the National blood donor portal: how much is optimum?	Dr. Debasish Gupta	
10:00 - 10:10	Free paper - Comparative analysis of iron stores, lipid profile and blood sugar levels in regular and first time donors	Dr. Neha Dhariwal	
10:10 - 10:20	Free paper - Knowledge, attitude and practices among blood donors and non donors regarding iron deficiency related low hemoglobin	Dr. Bineeta Awasthi	
10:20 - 10:30	Free paper - Effect of red cell processing on hemoglobin increment in oncology patients	Dr. Manuru Shekhar Sameer	
10:30 - 10:45	<b>Discussion</b>		
10:45 - 11:00	Tea / Coffee Break		
<b>Plenary Sessions</b>			
11:00 - 11:40	Dr. B.C. Sangal Oration - Development of Immunohematology at SGPGI: from serology to molecular	Dr. Rajendra Chaudhary	Dr. Debasish Gupta Dr. Ratti Ram Sharma
11:40 - 12:00	Beyond quality - meeting the demand for blood	Dr. Joy Mammen	
<b>Transfusion Medicine Education &amp; ISTM Award Paper Presentations</b>			
12:00 - 12:20	Transfusion Medicine education and opportunities in India	Dr. Prasun Bhattacharya	Dr. Neelam Marwaha Dr. Rajendra Chaudhary
12:20 - 12:35	JG Jolly Award presentation		
12:35 - 12:50	VL Ray Award presentation		
12:50 - 13:00	<b>Discussion</b>		
13:00 - 14:00	Lunch Break / E-Poster / Exhibition Tour		
<b>New Insights in Immunohematology</b>			
14:00 - 14:20	Serological dilemmas in patients receiving immunotherapy	Dr. Shashank Ojha	Dr. Manisha Madkaikar Dr. Arumugam Pothipillai
14:20 - 14:40	Changing paradigm of autoimmune hemolytic anemia	Dr. Sudipta Sekhar Das	
14:40 - 15:00	Molecular genotyping strategy for correct RhD typing in Indian population	Dr. Swati Kulkarni	
15:00 - 15:10	<b>Discussion</b>		
15:10 - 15:30	Tea/Coffee Break		
<b>Evidence Based Transfusion to Challenges</b>			
15:30 - 15:50	Evidence based guidelines for red cell transfusion in adults	Dr. Sitalakshmi Subramanian	Dr. C. Shivaram Col. Dr. Alok Sen Dr. Subash Sadanandan
15:50 - 16:10	Transfusion practices in Cardiovascular surgery patients	Dr. Rahul Katharia	
16:10 - 16:30	Managing transfusion services during disaster	Dr. Arun R.	
16:30 - 16:40	<b>Discussion</b>		
<b>Platelet Transfusion Therapy</b>			
16:40 - 17:00	Appropriate indications for platelet transfusion therapy	Dr. Priti Desai	Dr. Rajendra Kulkarni Dr. Shanthala Devi M.
17:00 - 17:20	Technical aspects and clinical outcomes of buffy coat pooled platelet concentrates	Dr. Hari Krishan Dhawan	
17:20 - 17:30	Free paper - Effect of storage age of transfused platelet concentrates on platelet increment in critically ill patients	Dr. Vivek Muraleedharan	
18:30 Onwards	<b>Inauguration Ceremony followed by Dinner - Hall A, Hyatt Regency</b>		

## Day 1 - 3 November 2023

### HALL B

Time Slot	Topic	Speakers	Chairpersons
07:30 Onwards	<b>Registration &amp; Kit Collection</b>		
08:00 - 09:00	<b>P.G. Quiz - Preliminary Round</b>		
<b>Transfusion Medicine Perspective in Transfusion Dependent Disorders</b>			
09:00 - 09:20	Setting up of a transfusion programme for beta thalassemia major patients	Dr. Meena Sidhu	Dr. Ashok Yadav Dr. Jayashree Sharma Dr. Milan Jaiswal
09:20 - 09:40	Management of Sickle Cell anemia: Transfusion medicine perspective	Dr. Sankalp Sharma	
09:40 - 10:00	Critical quality issues in various red cell products	Dr. R. P. Singh	
10:00 - 10:10	Free paper - A study to assess the transfusion efficacy of leukoreduced packed red blood cells prepared by two different methods in Thalassemia major patients	Dr. Arunkumari Adhikarimayum	
10:10 - 10:20	Free paper - Comparison of the effect of transfusion of packed red blood cells from two different age group male donors in maintaining a pre-transfusion hemoglobin level in Thalassemia children	Dr. Harshita Aggarwal	
10:20 - 10:30	Free paper - Spectrum of alloimmunization and transfusion frequency in relation to gene mutation in transfusion dependent $\beta$ -thalassemia patients	Dr. Tunu Bhatia	
10:30 - 10:45	<b>Discussion</b>		
10:45 - 11:00	Tea / Coffee Break		
11:00 - 13:00	<b>Plenary Sessions - Hall A</b>		
13:00 - 14:00	Lunch Break / E-Poster Walk / Exhibition Tour		
<b>Neonatal and Pediatric Transfusion Practices : These Patients are Not Just Little Adults</b>			
14:00 - 14:20	Intrauterine transfusion and immediate postnatal management	Dr. Ashish Jain	Dr. Ram Samujh Dr. Vishal Guglani
14:20 - 14:40	Transfusion triggers in neonates: do we have a consensus?	Dr. Veena Shenoy	
14:40 - 15:00	Scope of donor-recipient-linked research in neonatal and pediatric transfusion practice	Dr. Hem Chandra Pandey	
15:00 - 15:20	Transfusion reactions unique to neonates: there's more to it than meets the eye	Dr. Smita Mahapatra	
15:20 - 15:30	<b>Discussion</b>		
15:30 - 15:50	Tea/Coffee Break		
<b>Expanding Horizons in Therapeutic Plasma Exchange</b>			
15:50 - 16:10	Therapeutic plasma exchange in demyelinating disorders: A good therapeutic companion	Dr. Vijay Kumawat	Dr. Ajay Duseja Dr. Tirtha Chaliha Dr. Sangeeta Pathak
16:10 - 16:30	Low volume therapeutic plasma exchange in hepatic disorders: small shift with large impact	Dr. Meenu Bajpai	
16:30 - 16:50	Newer indications for therapeutic plasma exchange	Dr. Deepti Sachan	
16:50 - 17:10	Exploring cases of rodenticide and other poisoning incidents through Plasma Exchange therapy	Dr. N. Suresh	
17:10 - 17:20	Free paper - Comparison of efficacy of Plasma Exchange Vs Intravenous Immunoglobulin as an add on therapy in acute attacks of Neuromyelitis Optica Spectrum Disorder	Dr. Rekha Hans	
17:20 - 17:30	<b>Discussion</b>		
18:30 Onwards	<b>Inauguration Ceremony followed by Dinner - Hall A, Hyatt Regency</b>		

## Day 2 - 4 November 2023

### HALL A

Time slot	Topic	Speakers	Chairpersons
08:00 Onwards	<b>Registration &amp; Kit Collection</b>		
<b>Plenary Session - ISBT Highlights</b>			
09:00 - 09:30	ISBT the global knowledge network for Transfusion Medicine	Dr. Lin Fung Dr. Jill Storry	Dr. Rajendra Chaudhary Dr. Debasish Gupta
09:30 - 10:00	Human Blood groups and diseases	Dr. Jill Storry	
10:00 - 10:30	Discovery of new antigens and antibody specificities related to ABO system : Implications for efforts to create ABO - universal red cell transfusion	Dr. Martin Olsson	
10:30 - 11:00	The contribution and potential of older blood donors in Asia Pacific regions	Dr. Lin Fung	
11:00 - 11:15	Tea / Coffee Break		
<b>Plenary Session - ISBT Highlights</b>			
11:15 - 11:45	Pros and Cons of Novel stem cell therapies	Dr. Mickey Koh	Dr. Ratti Ram Sharma Brig. Dr. P.S. Dhot
11:45 - 12:15	Molecular tools to resolve Immunohematology problems	Dr. Jill Storry	
12:15 - 12:45	CD36 - clinical and molecular implications of our newest blood group system	Dr. Martin Olsson	
12:45 - 13:15	An update of Transfusion related acute lung injury (TRALI) pathways	Dr. Lin Fung	
13:15 - 14:15	Lunch Break / E-Poster / Exhibition Tour		
<b>Exploring New Frontiers in Stem Cell Therapy</b>			
14:15 - 14:35	Donor Lymphocyte infusion: risks and benefits	Dr. Rasika Setia	Dr. Sanjeev Puri Dr. Sunil Arora Dr. Chandra Viswanathan
14:35 - 14:55	Advancements in Ex-vivo Mesenchymal Stem Cells expansion	Dr. Sujata Mohanty	
14:55 - 15:15	Chimeric antigen receptor T (CAR-T) cells and their novel designs in patient care	Dr. Gaurav Narula	
15:15 - 15:30	<b>Discussion</b>		
15:10 - 15:30	Tea/Coffee Break		
<b>Recent Advances &amp; Innovations</b>			
15:45 - 16:05	Cold stored platelets: current evidence and acceptance	Dr. Dolly Daniel	Dr. Bharat Singh Dr. Joy Mammen Dr. Amit Sharma
16:05 - 16:25	Amendments in Drugs and Cosmetics Act: Scope for further review	Dr. C Shivaram	
16:25 - 16:45	Novel mRNA genomic technology for precision medicine and oncology	Dr. Rajvir Dahiya	
16:45 - 17:05	Role of Automation in the evolution of first paperless blood centre in India	Dr. Dipti Ranjan Rout	
17:05 - 17:20	<b>Discussion</b>		
17:30 - 18:30	<b>AGM</b>		
19:00 Onwards	<b>Departure for Social Evening at Wyndham Hotel, Mohali</b>		



## Day 2 - 4 November 2023

### HALL B

Time Slot	Topic	Speakers	Chairpersons
<b>Free Paper Presentations</b>			
08:00 - 08:10	Trends of increasing platelet count as an indicator of impending anemia in regular plateletpheresis donors: A study from tertiary care oncology centre in India	Dr. Salamma Bodagala	Dr. Gajender Singh Dr. Amrish Kumar Pandya
08:10 - 08:20	Comparison of two different technologies for plasma exchange - centrifugal versus membrane in kidney diseases	Dr. Sindhu Bhargavi Akula	
08:20 - 08:30	Effect of iron overload on bone mineral density in patients with transfusion dependent thalassemia	Dr. Sonia Gupta	
08:30 - 08:40	Effect of Anti-D titre on transfusion requirement during fetal and neonatal period in RhD-HDFN	Dr. Vasundhara Singh	
08:40 - 08:50	Screening of Voluntary Blood Donors for Beta Thalassemia Trait in an Endemic Area in North-West India for 15 years: Results and future directions after screening more than 300 thousand donors	Dr. Anshika Yadav	
<b>09:00 - 13:15</b>	<b>Plenary Sessions - Hall A</b>		
13:15 - 14:15	Lunch Break / E-Poster Walk / Exhibition Tour		
<b>Hemotherapy &amp; Clinical Transfusion Practice: Practical Approach</b>			
14:15 - 14:35	Management of Massive Hemorrhage	Dr. Rahul Chaurasia	Dr. Ravneet Kaur
14:35 - 14:55	Fresh vs Old blood: ongoing debate	Dr. Rajesh Sawant	Dr. Tulika Chandra
14:55 - 15:15	Hemophilia care in India - Transfusion medicine perspective	Dr. Anupam Verma	Dr. Anita Tendulkar
15:15 - 15:30	<b>Discussion</b>		
15:30 - 15:50	Tea/Coffee Break		
<b>Transfusion &amp; Transplantation: Update &amp; Review</b>			
15:50 - 16:10	Essentials of histocompatibility testing in transplantation	Dr. Mohit Choudhary	Dr. Nidhi Bhatnagar Dr. R. N. Makroo Dr. Meenu Bajpai
16:10 - 16:30	Role of a Transfusion Medicine specialist in bone marrow transplant unit	Dr. Aseem Tiwari	
16:30 - 16:50	Quality improvement initiatives in peripheral stem cell collection and cryopreservation	Dr. Anil Khetarpal	
16:50 - 17:10	Role of Transfusion Medicine specialist in ABO incompatible renal transplant	Dr. Prashant Pandey	
17:10 - 17:30	Increasing role of Granulocyte transfusions in clinical practice	Dr. Abhinav Verma	
17:30 - 18:30	<b>AGM in Hall A</b>		
19:00 Onwards	<b>Departure for Social Evening at Wyndham Hotel, Mohali</b>		



## Day 2 - 4 November 2023

### HALL C

Time Slot	Topic	Panelists / Speakers	Moderators / Chairpersons
09:00 - 13:15	<b>Plenary Sessions - Hall A</b>		
13:15 - 14:15	Lunch Break / E-Poster Walk / Exhibition Tour		
<b>Panel Discussion</b>			
14:30 - 15:30	Patient Blood Management: Where are we and What Next?	Dr. Sadhana Mangwana Dr. Ajay Gandhi Dr. Priti Elhence Dr. Sanjeev Palta Dr. Siddharth Garg	Dr. Paramjit Kaur
15:30 - 15:50	Tea/Coffee Break		
<b>Understanding Quality</b>			
15:50 - 16:10	Establishing quality indicators for blood centres	Dr. Nidhi Mehta	Dr. Rajesh Thakur Dr. Kiran Chaudhary Dr. Sunita Bhagat
16:10 - 16:30	Experience of running Proficiency testing program at National level	Dr. Narinder Naidu	
16:30 - 16:40	Free paper - Early Cryoprecipitate Transfusion Through Goal Directed Massive Transfusion – How Crucial it is to Address the Fibrinogen in Massive Obstetric Haemorrhage	Dr. Ganesh Mohan	
16:40 - 16:50	Free paper - 2021 AABB Patient Blood Management Survey – A Global Snapshot: An AABB Initiative And Roadmap Ahead	Dr. Aikaj Jindal	
16:50 - 17:00	<b>Discussion</b>		
<b>Free Paper Presentations</b>			
17:00 - 17:10	Blood Donation Screening of Transfusion-Transmissible Viral Infection Using Two Different Nucleic Acid Testing (NAT) Platforms: A Single Tertiary Care Oncology Centre Experience	Dr. Amardeep Pathak	Dr. Kusum Thakur Dr. Rachna Narain
17:10 - 17:20	Can we predict optimal timing of peripheral blood stem cells (PBSC) harvesting based on pre harvest total WBC, mononuclear count, platelet and CD34 count-Study from tertiary care Centre from Western India	Dr. Rajeshwari Basavanna	
17:20 - 17:30	Rarer Therapeutic Apheresis Procedures- A Case Series	Dr. Ambuja K.	
17:30 - 18:30	<b>AGM in Hall A</b>		
19:00 Onwards	<b>Departure for Social Evening at Wyndham Hotel, Mohali</b>		



## Day 3 - 5 November 2023

### HALL A

Time Slot	Topic	Speakers	Chairpersons
<b>Free Paper Presentations</b>			
08:00 - 08:10	Implementation of patient blood management (PBM) for blood utilization in cardiothoracic and vascular surgeries (CTVS): Need of the hour	Dr. Simranjeet Kaur	Dr. Ritam Chakrabarty Dr. Milind Dighe
08:10 - 08:20	Red cell Adsorption study for determining the frequency of Allo-immunisation in patients with Auto-immune hemolytic anemia in a tertiary care centre of Northern India	Dr. Suhasini Sil	
08:20 - 08:30	Evaluation of critical titre of anti-D in maternal serum for prediction of Clinically significant HDFN	Dr. Madhavi Ambhore	
08:30 - 08:40	Considerations for pre-transfusion immunohematology testing in patients receiving the anti-CD38 monoclonal antibody daratumumab: A real-world data from a tertiary care oncology center in Eastern India	Dr. Durba Biswas	
08:40 - 08:50	Audit of Packed Red Blood Cell Ordering and Transfusion Practices In Elective Surgical Patients In A Tertiary Care Hospital in Eastern India	Dr. Namrata Datta	
08:50 - 09:00	HPA - 1 genotyping in north Indian blood donor population using in - house SSP-PCR	Dr. Mridula Pathak	
<b>Transfusion Transmitted Infection Prevention: Current Concepts and New Directions</b>			
09:00 - 09:20	Advancements in blood screening techniques: Ensuring safe transfusions	Dr. Sonu Bhatnagar	Col. Dr. Satish Kumar Dr. Suchet Sachdev
09:20 - 09:40	Emerging threats to blood supply: Indian perspective	Dr. Archana Solanki	
09:40 - 10:00	Current scenario of NAT testing in India: what have we achieved?	Dr. R.N. Makroo	
10:00 - 10:20	Occult Hepatitis B infection and blood safety	Dr. Rajesh Sawant	
10:20 - 10:35	Pathogen Inactivation - preliminary data	Dr. Tulika Chandra	
10:35 - 10:50	Tea/Coffee Break		
<b>Hemovigilance: A Step Forward in Blood Safety</b>			
10:50 - 11:10	Current trends in Hemovigilance: global and Indian scenario	Dr. Akanksha Bisht	Dr. Neelam Marwaha Dr. Farzana Kothari Dr. Rajesh Kumar Sharma
11:10 - 11:30	Pathophysiology and mitigation strategies for Transfusion transmitted Bacterial Infections	Dr. Ram Mohan Jaiswal	
11:30 - 11:50	Donor vigilance in ensuring blood donor safety	Dr. Gopal Patidar	
11:50 - 12:00	<b>Discussion</b>		
<b>12:00 - 12:45</b>	<b>P.G. Quiz - Final Round</b>		<b>Quiz Masters:</b> Dr. Aikaj Jindal Dr. Lakhvinder Singh Dr. Kshitija Mittal
13:00 Onwards	<b>Valedictory &amp; Lunch</b>		



## Day 3 - 5 November 2023

### HALL B

Time Slot	Topic	Speakers	Chairpersons
<b>Free Paper Presentations</b>			
08:00 - 08:10	ABO isoagglutinin titer in O blood group platelet additive solution stored apheresis derived platelet concentrates	Dr. Shaheen Khan Bhati	Dr. Jitendra Vachhani Dr. Pallavi P. Dr. Anjali Chavan
08:10 - 08:20	Prediction of massive transfusion and mortality in severely injured patients presenting to level 1 trauma centre	Dr. Aparna Krishna	
08:20 - 08:30	Development of Bombay Blood Donor Registry - A Stepping Stone To Prepare Inhouse Bombay Phenotype Antibody Screening Cell Panel	Mr. Siva Kumar	
08:30 - 08:40	Impact of serological isoagglutinin ABO titre on transfusion dependence in ABO incompatible haematopoietic stem cell transplant	Dr. Archana C.C.	
08:40 - 08:50	Internal quality control of plasma components: A retrospective study at tertiary care centre in Northern India	Dr. Kailash Kumar	
08:50 - 09:00	Efficacy of therapeutic plasma exchange in highly sensitized patients undergoing renal transplant: a single centre experience	Dr. Aashna Gupta	
<b>Regulatory and Ethical Aspects in Transfusion Medicine</b>			
09:00 - 09:20	Good Laboratory Practices vs Good Manufacturing Practices in Transfusion Services	Dr. Asawari Bapat	Dr. Gajendra Gupta Dr. V.P. Gupta Dr. Maya Devi
09:20 - 09:40	Bracing up for accreditation: small steps make a big difference	Dr. Nidhi Bhatnagar	
09:40 - 10:00	Ethical considerations in informed consent: Transfusion medicine perspective	Dr. Neetu Kukar	
10:00 - 10:10	Free paper - Retrospective Analysis Of Flow Cytometric Cross-Match Results In Pre-Transplant Testing	Dr. Soumee Banerjee	
10:10 - 10:20	Free paper - A study of the prevalence of Hepatitis B virus core antibody and correlation with the anti-HBs titer for the further management of blood donors: an experience from Meghalaya	Dr. Lutika Nepram	
10:20 - 10:30	<b>Discussion</b>		
10:30 - 10:40	Tea/Coffee Break		
<b>Building Academic Research Skills</b>			
10:40 - 11:00	How do I plan a research proposal?	Dr. Deepak Chawla	Dr. Arun Aggarwal Dr. Priti Elhence
11:00 - 11:20	Statistical tools for data analysis: what, when and where	Dr. Tanvi Kiran	
11:20 - 11:40	Education domain in Transfusion Medicine	Dr. Gita Negi	
11:40 - 11:50	Free paper - Calculating NAT yield by adding additional co-infection detection in comparison to the serological testing; A better picture of the efficacy of the technology	Dr. Ashish Jain	
11:50 - 12:00	<b>Discussion</b>		
12:00 - 12:45	<b>Hall A   P.G. Quiz - Final Round</b>		
13:00 Onwards	<b>Valedictory &amp; Lunch</b>		





## Day 3 - 5 November 2023

### HALL C

Time Slot	Topic	Speakers	Chairpersons
<b>Free Paper &amp; Post Graduate Paper Presentations</b>			
08:00 - 08:10	Free paper - Prevalence of Vasovagal Reactions in Whole Blood Donors and Effect on Donor Retention": A Descriptive Study at a Tertiary Care Centre in North India	Dr. Deepali Chauhan	Dr. Gagandeep Kaur Dr. Rekha Hans Dr. Anshul Gupta
08:10 - 08:20	Free paper - A cross-sectional study on barriers and facilitators for whole blood donation among females	Mrs. Renjini Panicker	
08:20 - 08:30	Postgraduate paper - Prevalence of Clinically significant red cell alloantibodies in pregnant women	Dr. Jannet Mary John	
08:30 - 08:40	Postgraduate paper -The therapeutic efficacy of adjunct Therapeutic Plasma Exchange - a retrospective analysis	Dr. Prabhakaran Porchezian	
08:40 - 09:50	Postgraduate paper - A study of acute transfusion reactions at a tertiary care centre: retrospective analysis	Dr. Damayanti Dey	
08:50 - 09:00	Postgraduate paper - Effect of process variables on collection efficiency of autologous peripheral blood stem cell collection in Multiple Myeloma patients: an experience of a tertiary care centre in Western India	Dr. Anoop Sharma	
09:00 - 09:10	Postgraduate paper - Experiences of Therapeutic Plasma Exchange in Geriatric patients at a tertiary care hospital in Western Maharashtra	Dr. Anurag Gairola	
09:10 - 09:20	Postgraduate paper - Analysis of anti-a and anti-b isoagglutinin titres by conventional tube and microcolumn agglutination technique O Rh D positive mothers and their effect on neonatal outcome.	Dr. Noorul Aashiqeen	
<b>10:00 - 11:00</b>	<b>P.G. Quiz - Semi Final Round</b>		<b>Quiz Masters:</b> Dr. Aikaj Jindal Dr. Lakhvinder Singh Dr. Kshitija Mittal
12:00 - 12:45	<b>Hall A   P.G. Quiz - Final Round</b>		
13:00 Onwards	<b>Valedictory &amp; Lunch</b>		

