



Department of
Transfusion Medicine
Post Graduate Institute of Child Health

International Symposium on Neonatal & Pediatric Transfusion

Organised in association with the International Society of Blood Transfusion (ISBT)

**Saturday,
Dec. 21st 2024
5th Floor
Main Auditorium
PGICH, Noida**

From the desk of the Organizing Team

Dear Seniors and Colleagues,

Greetings from the Department of Transfusion Medicine, Post Graduate Institute of Child Health (PGICH), Noida. We are pleased to invite you to the "International Symposium on Neonatal and Pediatric Transfusion Practices" on the 21st of December 2024. The symposium is organized with the support of the International Society of Blood Transfusions (ISBT).

Pediatric patients are not small adults. Transfusing blood components to these patients is a challenge to transfusion medicine specialists and neonatologists/ pediatricians as it requires a careful understanding of pediatric physiology and pathology. Regular revisions in transfusion triggers, recent advances in the understanding of transfusing complex neonatal/ pediatric scenarios and unprecedented technological innovations in the field of transfusion medicine led us to plan this international symposium on pediatric transfusion medicine practices. The focus of the symposium will be on the most routine day-to-day issues related to neonatal/ pediatric transfusions and immunohematology along with recent advances.

For this symposium, we have brought together faculty members from across the globe representing the most prestigious institutes. International stalwarts in the field of neonatal and pediatric transfusions will grace the symposium with their presence during the symposium. Faculty for the CME will discuss issues that are often unanswered or not focused even during post-graduate teaching and clinical training.

Faculties from both transfusion medicine and pediatric sub-specialities will aim to create a stimulating atmosphere for the exchange of knowledge and to define best practices in this field. The symposium will provide a platform to encourage young talent in pediatrics and pediatric sub-specialities as well as transfusion medicine, to interact with the doyens in the field. We believe the event will be of interest to practising and training pediatricians, transfusion medicine specialists as well as to pathologists and medical officers from blood banks. This CME is being conducted under the aegis of the Indian Society of Transfusion Medicine (ISTM), the National Neonatology Forum (NNF) and the Pediatric Hematology Oncology Chapter of the Indian Academy of Pediatrics (IAP).

As part of the pre-symposium training, we plan to host a workshop on "Apheresis in Pediatric Patients" with the collaboration with World Apheresis Association on 20th December 2024. As part of the workshop, we aim to highlight the advances in the therapeutic aspect of transfusion medicine, such as therapeutic plasma exchange with recent concepts in apheresis, photopheresis, gene therapy and stem cell processing. This workshop will provide an opportunity for residents to interact with global experts in the field of pediatric apheresis.

We look forward to welcoming you all in December 2024 for an academic feast in the vibrant field of pediatric Transfusion Medicine.

With Regards, Organizing Team



World Apheresis Association



Under the aegis of:

- ◆ World Apheresis Association (WAA) ◆ National Neonatology Forum (NNF)
- ◆ Indian Society of Transfusion Medicine (ISTM)
- ◆ Pediatric Hematology Oncology (PHO) Chapter of the Indian Association of Pediatrics (IAP)

Scientific Program

Pre-symposium workshop “Apheresis in Pediatric Patients”

In association with the World Apheresis Association (WAA)

20th December 2024, 5th Floor Main Auditorium, PGICH, Noida

Time	S No	Module	Topic	Time (min)
1200 - 1230			Registration and Lunch	
12:30 - 13:00			Inauguration	
			Basics in Pediatric Apheresis	
13:00 - 14:00	1	1	Physiological differences in adults and pediatrics	15
	2		Anticoagulation and Venous access in pediatrics	15
	3		Indications of TPE in Pediatrics	15
			Discussion	15
			Therapeutic Exchange in Pediatrics	
14:00 - 15:30	4	2	TPE in Pediatric Liver failure	20
			TPE in Pediatric Neurological Disorders	20
	5		RBC Exchange in Pediatric (Sickle Cell Disease)	20
			Discussion	10
			Tea Break	
			Cytapheresis in Pediatrics (online talks)	
15:30-16:400	6	3	Extracorporeal photopheresis in pediatrics	20
	7		PBSC collection in pediatric patients/ donors	20
	9		Autologous harvest for Gene therapy in Thalassemia	20
			Discussion	10
16:40-17:30	10	4	Demonstration of Red Cell Priming and Discussion	50
17:30			Valedictory and Tea	

Registration for the Workshop

1. Registration for the symposium is mandatory for workshop registration.
2. Only 20 slots are available (first come first basis).
3. Preference will be given to residents in transfusion medicine/ IHBT.
4. Registration will be open till the slots are filled.
5. The registration fee is 1000/- INR (in addition to the registration for the symposium).
6. No travel and residential support will be provided by the organizing team.
7. Kindly register with the following link: <https://forms.gle/Rc4MYkuvVF93yocS6>



Scientific Program

International Symposium Neonatal and Pediatric Transfusion Practices

In association with the International Society of Blood Transfusion (ISBT)

21st December 2024, 5th Floor Main Auditorium, PGICH, Noida

Time	S No	Module	Topic	Time (min)
08:30			Registration with Tea	
			Neonatal Transfusions: Recent Updates	
9:00 - 10:00	1	1	Intrauterine Transfusions: AIIMS New Delhi Experience	15
	2		Neonatal Transfusion: What's in my blood bag?	15
	3		Transfusion reactions specific to neonatal age group	15
			Discussion	15
10:00-10:30			Tea Break	
			Pediatric Transfusions and Apheresis: Recent Updates	
10:30 -11:40	1	2	Diagnosis and transfusion support in Pediatric AIHA	15
	2		Autologous peripheral stem cell transplant in Neuroblastoma: PGIMER Experience	20
	3		Granulocytes Transfusions in Pediatrics	15
			Discussion	10
			Inauguration and Plenary sessions	
11:40 - 13:40		3	Inauguration	20
	1		Transfusion threshold in pediatrics and neonatology	25
	2		REDS-IV-P: Need for vein to vein data in pediatric transfusions	25
	3		Sickle Cell Disease: Inching towards transfusion independence	25
	4		Indian CART-T program and hope in pediatric oncology	25
13:40 - 14:30			Lunch and Poster assessment	
			Awarded Abstracts	
14:30-15:00	1	4	Best Oral Abstract Presentation	20
			Discussion	15
			Panel Discussion 1	
15:00-15:30	1	5	Ethics in Pediatric Transfusion medicine	30
			Changing Era of Pediatric Transfusion Medicine	
15:30-16:30	1	6	Importance of Blood safety in India in current era	15
	2		Scope of Gene Therapy in managing hematological disorders	15
	3		Massive Transfusion in Pediatrics	15
			Discussion	15
			Panel Discussion 2	
16:30-17:00	1	7	Pediatric Transfusion medicine consultation	30
17:00			Valedictory and Tea	

Registration Fee

Registration for the symposium is mandatory for registration for the workshop and abstract submission

Registration for the Symposium

- Pay the registration amount through Account transfer.
- Note the transaction ID
- Register for the symposium via the link provided (mention the transaction ID in the registration form)
<https://forms.gle/Q3xhAjoegexGZLcY9>
- You will receive an email for the registration confirmation with registration ID (within 48-72 hours)
- Registration Fee details:

S No	Category	Regular (30th Nov'24)	Spot (1st Dec onwards)	Account Details for fee payment
1	Delegate	1,500/- INR	2,500/-	A/c Name: Safe Pediatric Transfusion A/c No.: 50200101064520 IFSC Code: HDFC0004131
2	Resident (MD/DNB; JR/SR) (Letter from HOD is mandatory)	1,000/- INR		
3	Paramedical (Technicians/ Nurses)	500/- INR		

Abstract Submission

- Registration for the symposium is mandatory
- Abstract submission link
 - Please click on the abstract submission link
<https://forms.gle/9svL3KpSoNyViHQMA>
 - Enter the registration ID and submit the abstract as mentioned in the abstract layout/ format

Important dates:

- Abstract submission starts: 10th October 2024
- Abstract submission last date: 31st October 2024
- Abstract acceptance result intimation: 15th November 2024

Abstract Categories

- Immunohematology relevant to neonatal and pediatric transfusions
- Intrauterine transfusions (IUTs)
- Neonatal transfusions (overall practices; blood components transfusions; exchange transfusions)
- Pediatric transfusions (overall practices; blood components transfusions)
- Granulocyte transfusions in pediatrics.
- Transfusions in hemoglobinopathies (Thalassemia, Sickle cell disease etc.)
- Transfusion in pediatric surgery, critical care, ECMO and cardiac surgeries
- Massive transfusions in pediatrics
- Pediatric Therapeutic Apheresis (Therapeutic Plasma/ RBC Exchange)
- Pediatric Cytapheresis (Peripheral Hematopoietic Stem Cells collection/ Mononuclear cells collection/ PBSC product manipulation)
- Pediatric transplant immunology
- Patient blood management (PBM) in pediatrics
- Management bleeding disorders in pediatrics (including factor deficiencies)
- Pediatric Hemovigilance (adverse transfusion events)
- Quality Management in pedi-components
- Education in Pediatric Transfusion Medicine
- Others

The prize for the best abstracts will be awarded during the valedictory

Organizing Team

Patron:

Dr (Prof) Arun Kumar Singh
Director, PGICH, Noida

Advisor:

Dr DK Singh,
Dr Mukul Jain,
Dr Jyotsna Madan,
Dr Ruchi Rai

Organizing Chairperson:

Dr Seema Dua
Additional Professor & Head,
Transfusion Medicine

Organizing Secretary:

Dr Satyam Arora
Additional Professor,
Transfusion Medicine

Treasurer:

Dr Anupa Pokhrel
Assistant Professor,
Transfusion Medicine

Scientific Committee

Dr Seema Dua
Dr Satyam Arora
Dr Nita Radhakrishnan
Dr Anupa Pokhrel
Dr Anuj Singh
Dr Kriti Batni

Organizing Team:

Dr Akash Raj
Dr Abhishek Gupta
Dr Vikrant Sharma
Dr Vikas Jain
Dr Umesh Shukla
Dr Abhishek Dubey
Dr Kavita Gupta
Dr Silky Jain
Dr Ganga R
Dr Jashim
Dr Prathma
Dr Arisha
Dr Akshay

International Speakers (In person)



Dr Cassandra Josephson, MD
Professor of Pediatrics and Pathology,
Director,
Cancer and Blood Disorders Institute,
Johns Hopkins All Children's Hospital,
FL, USA



Dr Simon Stanworth
Department of Haematology, Oxford
University Hospitals NHS Trust, Oxford, UK
Radcliffe Department of Medicine,
University of Oxford, Oxford, UK
Department of Transfusion Medicine,
NHS Blood and Transplant, Oxford, UK



Dr Ruchika Goel
MD MPH CABP
Professor of Internal Medicine and Pathology,
SIU School of Medicine and
Johns Hopkins University.
Senior Medical Director,
Vitalant National Office, Scottsdale, AZ, USA

International Speakers (Online)



Dr Volker Witt
Department for Pediatrics,
St. Anna Kinderspital,
Medical University of Vienna, Vienna,
Austria.



Dr Hans Vrieling
Past President WAA
Apheresis Medicine Specialist, Sanquin
Blood Supply Foundation
Amsterdam, The Netherlands



Dr Jennifer Schneiderman
Professor of Pediatrics, Stem Cell Transplant &
Cellular Therapy Program Medical Director,
Therapeutic Apheresis Program,
Director, Advanced Fellowship in Stem Cell
Transplant and Cellular Therapy
Ann & Robert H. Lurie Children's Hospital of
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WELCOME TO NOIDA

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For more details :

www.childpgitransfusion.in