



10TH MIDTERM PHO CME 2025

Pediatric Hematology Oncology Chapter of Indian Academy of Pediatrics

Organized by Post Graduate Institute of Child Health, Noida
In Association with Academy of Pediatrics, Noida

Theme - Translating Science, Transforming Lives

Oncology Track : New Horizons in Pediatric Acute Lymphoblastic Leukemia

Hematology Track : Towards a Cure for All: Transforming Thalassaemia Treatment and Outcomes

Pre-CME Workshops
31st July & 01st August 2025

Recent Advances CME
01st August 2025

Midterm CME
Oncology Track
2nd August 2025

Midterm CME
Hematology Track
3rd August 2025



02 DAYS

300 + DELEGATES

EXHIBITION

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W5: Decoding ALL: The Genomic Blueprint of Cure

1 Aug 2025 | Venue: Conference Venue, Noida

Objectives:

1. To provide clinicians with a practical understanding of genomic testing in ALL
2. To explain technical aspects of genomic sequencing and testing modalities
3. To teach evaluation and clinical interpretation of Variants of Uncertain Significance
4. To discuss Variant Allele Frequency (VAF) and its clinical relevance
5. To introduce germline predisposition and its implications in ALL management

Target audience:

Pediatric Hematology Oncology trainees and faculty, Molecular biologists and Medical Genetics trainees and faculty

TIME	TOPIC
15:00—15:15	Welcome and Introduction
15:15—16:00	Overview of genomic alterations in Pediatric ALL
16:00—16:30	Basics of interpretation of NGS reports for clinicians Pathogenicity classification ACMG/AMP, germline vs somatic, variant databases
16:30—17:30 pm	Interactive case discussion <ol style="list-style-type: none">1. 13-year-old girl relapsed B ALL with TP53 variant (VAF 88%) and RB1 variant (90.11%)2. 15-year-old boy B-ALL case ETV6 variant and TCF3/ZNF3843. 5-year-old relapsed B ALL with CDKN2A and BCR/ABL1 minor transcript4. 8-month-old B ALL with KRAS variant (VAF 22%) and KMT2A
17:30—17:45	Interpretation of Variant Allele Frequency and its clinical significance
17:45—18:15	Germline predisposition in pediatric leukemia
18:15 – 19:00	Post Workshop Quiz
	Handouts <ol style="list-style-type: none">1. ACMG Criteria summary2. VUS management decision tree3. Germline testing consensus

CONFERENCE SECRETARIAT

Organising Chairperson

Dr. Nita Radhakrishnan

Organising Secretaries

Dr. Anuj Singh

Dr. Silky Jain

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