

NEWSLETTER

JUNE 2025

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BM Failure	Mukul Agarwal

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CSR FUNDING

We are excited to announce that INPHOG has received its **first Corporate Social Responsibility (CSR) funding** through a generous partnership with the **UNIFI Foundation**.

Under this support, UNIFI will fund two dedicated Clinical Research Coordinators (CRCs) for **three years**, further strengthening research capacity across our member institutions.

We are also proud to share that INPHOG has been officially featured on the UNIFI Foundation's website, marking the beginning of a meaningful collaboration.

You can view their page here: <https://www.unificap.com/unifi-foundation>

With our **CSR registration now in place**, INPHOG is eligible to receive CSR funding from various organizations. We look forward to engaging with more partners committed to improving outcomes in pediatric hematology oncology across India.

MEMBERSHIP UPDATE

NEW MEMBER INSTITUTION



JIPMER, Puducherry



CMC, Ludhiana



AIIMS, Bhopal



Sir H. N. Reliance
Foundation Hospital
Mumbai



MS Ramaiah Medical College
Bengaluru



Vedanta Medical
Research (BALCO)
Raipur



INPHOG STAFF Update

We are happy to announce that **Ms. Nikita Patel** has joined INPHOG as our dedicated **Biostatistician**, supporting all INPHOG studies with statistical analysis and data interpretation. She has been appointed to assist investigators and study teams in ensuring data-driven insights across the research spectrum.



Any Principal Investigator or Study team requiring biostatistical support -whether for **data analysis, abstract preparation, or manuscript writing** -can reach out to her directly at: data@inphog.org

INPHOG also has one **Research Manager**, one **HR personnel**, and NOW a **Biostatistician**, all based at the central INPHOG office, strengthening our core operations and administrative efficiency. Currently, we have **19 Clinical Research Coordinators (CRCs)** supporting **22 Member Institutions** out of **59** across India. These CRCs are the backbone of our ongoing studies, ensuring high-quality data collection and study coordination at each center.

CRC Name	Centre Name
Nichila Mary Philip	Cancer Institute, Adyar
Khushi Jha	RGCI, New Delhi
Aishwarya Siddhi	DMC Hospital, Ludhiana, Punjab
Anjana Joseph	MVR Cancer Research Institute, Kozhikode
Kenson Alex	St John's Medical College Hospital
Sandhiya	Apollo Chennai
Rwiti Clara Biswas	Tata Medical Centre, Kolkata
Mohammad Ashraf Rather	SKIMS, Srinagar
Peketi Sai Soumya	Indo-American Cancer Hospital, Hyderabad
Aditya Ravindra Gaikwad	BJ Wadia Hospital, Mumbai
Nishant	Kasturba Medical College, Manipal
Nooreen	MAX, Saket
Jyoti	Tata Memorial Hospital, Mumbai
Kulvant Singh	Homi Bhabha Cancer Hospital, Varanasi
Malobika Deb	Dr. Bhubaneswar Borooah Cancer Institute, Guwahati
Rachelyn Rajan	SRMC + KKCTH Chennai
Kavitha Nair	Bharati Vidyapeeth + Deenanath Hospital, Pune
Vismaya	Kidwai Bangalore
Sayyed Jawwad	Lok Manya Hospital + MCGM Mumbai



Our CRCs are funded through multiple sources:

-  CRCs Employed & Funded by INPHOG
-  CRCs Employed by Hospital & Funded by Hodgkin Study
-  CRCs Employed by TATA & Funded by Resonance
-  CRCs Employed by CanKids & Funded by ICCI.

This structured model reflects INPHOG's commitment to building a sustainable and collaborative research ecosystem across pediatric hematology-oncology centers in India.

STAFF TRAINING

We are pleased to share that we have conducted a two-day training meeting on Pediatric Cancer Registry Data Meeting and CRC Workshop on **31st January & 1st February 2025**, organized by the **Cancer Institute (W.I.A), Adyar**, at Ramada Plaza, Chennai.

On **Day 1**, 18 CRCs and 8 faculty members came together for focused training sessions on INPHOG study protocols and CRFs.

The day featured detailed presentations on ongoing studies such as Neuroblastoma, B-NHL, APML, and Hodgkin Lymphoma, along with hands-on guidance in documentation, informed consent, and follow-up procedures.



Day 2 focused on data systems and registry practices, with in-depth sessions on RedCap database usage, registry operations, and improving data quality. CRCs also received practical insights into ethical compliance and cross-center collaboration.



This workshop was a vital step in strengthening research coordination, enhancing data accuracy, and preparing CRCs to effectively support INPHOG's growing study portfolio.

We are also excited to announce our upcoming annual meeting in November 2025, to be held in Manipal. Stay tuned for more details!

BOARD OF DIRECTORS

We are pleased to welcome **Dr. Venkatraman Radhakrishnan** from **Cancer Institute (W.I.A), Adyar**, as the newest member of the **INPHOG Board of Directors**.

Dr. Venkat brings with him a wealth of experience in pediatric oncology and a strong commitment to collaborative research. His leadership and insight will be a valuable addition to the governance and strategic direction of INPHOG.



India Data Sharing & Harmonization (DaSH) Workshop

INPHOG participated in the **India DaSH Workshop** on **February 8–9, 2025**, in collaboration with the **University of Chicago**, bringing together Indian and international experts to discuss ethical, regulatory, and technical aspects of pediatric oncology data sharing. The workshop featured insights from the **Pediatric Cancer Data Commons (PCDC)**—a global initiative that standardizes pediatric oncology data to support collaborative research and improve outcomes.

Day 1 Highlights:

The opening day focused on international best practices in data governance, mentorship models, and global collaboration. Sessions featured insights from the **Pediatric Cancer Data Commons (PCDC)** and COG networks, exploring how INPHOG could align with or expand into international data-sharing frameworks. Key discussions addressed the implications of India's Data Protection Act and HMSC regulations, challenges in regulatory compliance, and potential for leveraging INPHOG as a platform for disease-specific consortia.



Day 2 Highlights:

The second day focused on data modelling, pediatric cancer registries, and real-world research examples. Technical sessions covered data dictionaries, staging harmonization, cohort discovery, and platform demonstrations. Presentations included updates on INPHOG's HBCCR, Hodgkin's lymphoma trial, ICICLE study, and the Low-Grade Glioma registry, emphasizing the value of registry-linked research and the need for standardized, high-quality data from Indian centers.



This two-day workshop strengthened INPHOG's position as a key player in collaborative pediatric oncology research and highlighted the path forward for establishing India-based data-sharing models aligned with global standards.

After this, Dr Ramandeep Arora has been invited to represent INPHOG on the PCDC Scientific Advisory Committee.

Priority Setting for Research in Childhood Cancer in India – A Stakeholder Engagement Exercise

INPHOG, in collaboration with the **Indian Childhood Cancer Initiative (ICCI)**, has initiated a structured Priority Setting for Research in Childhood Cancer in India under the **Research and Trials Task Force** to identify the most pressing research needs in pediatric oncology across India.

So far, the following milestones have been achieved:

- A core team has been formed to lead the process.
- A comprehensive questionnaire with 167 research questions has been developed.
- The survey has been created using SurveyMonkey.
- The study has been submitted to the Ethics Committee and has received approval.

The exercise is now officially underway, following a core team briefing meeting.

The next steps include:

- Round 1 Survey: Circulation among key stakeholders to select the top 50 research questions.
- Round 2 Survey: Involving 200–500 respondents, including patients, caregivers, and healthcare professionals, to further narrow down to 20–25 research topics.
- Round 3 Survey: Final round to shortlist and rank the top 10 national research priorities.

This initiative aims to guide future research efforts toward the most relevant and impactful areas, ensuring alignment with the needs of patients, families, and the pediatric oncology community.



Subcommittee	Provisional Registration (4)	Full Registration (6)	Recruitment Ongoing (15)	Recruitment Complete (22)
ALL			InPOG-ALL-19-02 INPHOG-ALL-24-03 INPHOG-ALL-24-04	InPOG-ALL-15-01
AML			INPHOG-AML-23-02	InPOG-AML-16-01
Ch Myelop				InPOG-CML-16-01
HL	INPHOG-HL-PROV-01		InPOG-HL-19-03 INPHOG-HL-24-04	InPOG-HL-15-01 InPOG-HL-17-02
NHL			INPHOG -NHL-24-02 INPHOG-NHL-25-03	InPOG-NHL-16-01
Histiocytosis		INPHOG-HIST-25-05	INPHOG-HIST-24-04	InPOG-HIST-17-01 InPOG-HIST-19-03
CNS		INPHOG-CNS-24-04		
Neuroblastoma	INPHOG-NB-PROV-01		InPOG-NB-23-02	InPOG-NB-18-01
Retinoblastoma		INPHOG-RB-25-02		InPOG-RB-19-01
Renal				InPOG-WT-18-02
Liver				
Osteosarcoma			INPHOG-OST-23-01	
PNET				InPOG-PNET-16-01 InPOG-PNET-19-02
STS				
Germ Cell Tumors				INPHOG-GCT-22-01
Rare, Epithelial				InPOG-RARE-17-01 InPOG-RARE-17-02
HSCT				
Access to Care				InPOG-ACC-16-01 InPOG-ACC-16-03 InPOG-ACC-16-02 InPOG-ACC-20-04
Supportive Care		INPHOG-SUPP-23-04 INPHOG-SUPP-24-05	INPHOG-SUPP-22-03	
Epidemiology			INPHOG-EPI-22-03 INPHOG-EPI-24-04	InPOG-EPI-20-02
Late Effects	INPHOG-LE-PROV-01		InPOG-LE-16-01	
Palliative Care		INPHOG-PALL-24-02		InPOG-PALL-18-01
Cancer Genetics				
Hbpathy/RBC				
Plat & Coag				
BM Failure	INPHOG-BMF-PROV-01			



INPHOG Studies - Recruitment Ongoing (15)

InPOG-LE-16-01

The Indian Childhood Cancer Survivorship Study (C2S study): After treatment completion registry of childhood cancers – Phase 1

Principal Investigator	Dr Rachna Seth
Registered with INPHOG	May 2016
CTRI Registration	Not done
Recruitment commenced	June 2016
Currently, patients recruited	5548
Target patient recruitment	At least 500 (desirable 1000)
Anticipated duration of recruitment	5 years (Project extended till 2030)
Centers study open in	26 centers

- All India Institute of Medical Sciences, New Delhi
- AIIMS, Jodhpur
- Apollo Hospital, Chennai
- AIIMS, Bhubaneswar
- Banaras Hindu University, Varanasi
- BJ Wadia Hospital, Mumbai
- Cancer Institute, Adyar, Chennai
- DMC, Ludhiana
- Indraprastha Apollo Hospital, New Delhi
- Indo-American Cancer Hospital and Research Institute
- Kalawati Saran Children's Hospital, New Delhi
- Kidwai Memorial Institute, Bangalore
- King George's Medical University, Lucknow
- Kasturba Medical College, Manipal
- Max Super Specialty Hospital, Patparganj, New Delhi
- Max Super Specialty Hospital, Saket, New Delhi
- MVR Cancer Centre and Research Institute, Kozhikode
- Post Graduate Institute of Child Health, Noida
- Rainbow Children's Hospital, Hyderabad
- Rajiv Gandhi Cancer Institute, New Delhi
- Regional Cancer Centre, Thiruvananthapuram
- RML Hospital, New Delhi
- Safdarjung Hospital, New Delhi
- SION Hospital, Mumbai
- Tata Medical Centre, Kolkata
- Tata Memorial Hospital, Mumbai



InPOG-ALL-19-02**Registry study for relapsed childhood acute lymphoblastic leukemia using protocol ALL-R1.**

Principal Investigator	Vaskar Saha
Registered with INPHOG	Jun 2019
CTRI Registration	CTRI/2019/10/021758
Recruitment commenced	Yes
Currently, patients recruited	72
Target patient recruitment	220
Anticipated duration of recruitment	5 years
Centers study open in	1

- Tata Medical Centre, Kolkata

InPOG-HL-19-03**Response-adapted management of Childhood Classical Hodgkin Lymphoma (cHL) and Early Response Assessment by Positron Emission and Computerized Tomography (PET-CT) to allow Omission of Radiotherapy in Indian Children Treated with a Standard of Care Intensified Chemotherapy Regimen.**

Principal Investigator	Dr Gaurav Narula
Registered with INPHOG	Feb 2020
CTRI Registration	CTRI/2020/08/027495
Recruitment commenced	Yes
Currently, patients recruited	306
Target patient recruitment	1500
Anticipated duration of recruitment	5 years
Centers study open in	14

- Apollo Cancer Centre, Chennai
- Bai Jerbai Wadia Hospital, Mumbai
- Cancer Institute (W.I.A) Adyar, Chennai
- DMCH, Ludhiana - **New**
- Homi Bhabha Cancer Hospital, Varanasi
- Homi Bhabha Cancer Hospital and Research Centre – Vizag **New**
- Indo American Cancer Institute and Research Center, Hyderabad - **New**
- Indraprastha Apollo Hospital, Delhi
- Kasturba Medical College, Manipal
- Kidwai Memorial Institute of Oncology - **New**
- Max Super Specialty Hospital, Saket, New Delhi
- Malabar Cancer Center, Kerala
- Rajiv Gandhi Cancer Institute & Research center, Delhi
- Tata Memorial Hospital, Mumbai



INPHOG-SUPP-22-03

Anti-Emetic Prophylaxis for Chemotherapy-Induced Vomiting Without Dexamethasone for Children and Adolescents Receiving Highly Emetogenic Chemotherapy: Investigator-Initiated, Open-Label, Multi-Center, Non-Inferiority, Phase III Randomized Controlled Trial

Principal Investigator	Dr Venkatraman Radhakrishnan
Registered with INPHOG	June 2022
CTRI Registration	CTRI/2022/08/045009
Recruitment commenced	No
Currently, patients recruited	246
Target patient recruitment	300
Anticipated duration of recruitment	3 years
Centers study open in	6

- AIIMS, New Delhi
- Apollo Hospital, New Delhi
- Cancer Institute, Chennai
- JIPMER, Puducherry
- Max Hospital, New Delhi
- Manipal, Kasturba Medical College – **New**

INPHOG-EPI-22-03

Establishing the first dedicated Population-Based Childhood Cancer Registry (PBCCR) and network of Hospital-Based Childhood Cancer Registries (HBCCRs) in India.

Principal Investigator	Dr Venkatraman Radhakrishnan
Registered with INPHOG	Sep 2022
CTRI Registration	CTRI/2022/06/043526
Recruitment commenced	Sep 2022
Currently, patients recruited	660
Target patient recruitment	1000
Anticipated duration of recruitment	Continuous
Centers study open in	17

- Apollo Specialty Hospital, Chennai
- Cancer Institute (WIA), Adyar
- Dr. Rela Hospital, Chennai
- Dr. Mehta's Hospital, Chennai
- Global Hospital, Chennai
- ICH Government Hospital, Chennai
- Kauvery Hospital, Chennai
- Kanji Kamakoti Child Trust Hospital, Chennai
- Kumaran Hospital, Chennai
- Rajiv Gandhi Government Hospital, Chennai
- Rainbow Children's Hospital



- Roya Pettah Government Hospital, Chennai
- Sankara Nethralaya Eye Hospital, Chennai
- SIMS Hospital Chennai
- Sri Ramachandra Medical Centre, Chennai
- Tamil Nadu Multispecialty Hospital, Chennai
- VS Hospital Chennai

INPHOG-AML-23-02**Indian Childhood Acute Promyelocytic Leukemia Study (I-CHAMPS)**

Principal Investigator	Dr Smita Kayal
Registered with INPHOG	March 2023
CTRI Registration	CTRI/2024/04/065353
Recruitment commenced	March 2024
Currently, patients recruited	98 (Retrospective) 8 (Prospective)
Target patient recruitment	100-200 Annually
Anticipated duration of recruitment	6 years
Centers study open in	16

- AIIMS, New Delhi
- Apollo Hospital, New Delhi
- Apollo Specialty Hospital, Chennai
- ABVIMS & Dr RML Hospital, New Delhi
- Bharati Vidyapeeth Medical College & Hospital, Pune - **NEW**
- Cancer Institute (WIA) Adyar, Chennai
- Dayanand Medical College & Hospital, Ludhiana
- Dr. Bhubaneswar Borooah Cancer Institute
- JIPMER, Puducherry
- KGMU, Lucknow
- MVR Cancer Centre and Research Institute, Kozhikode
- MCGM - Comprehensive Thalassemia Care, Pediatric Hematology-Oncology & BMT Centre, Mumbai - **NEW**
- Postgraduate Institute of Child Health, Noida
- St John's Medical College Hospital
- Safdarjung Hospital, New Delhi
- Sir Ganga Ram Hospital, Delhi - **NEW**

IMSOS OS 01/INPHOG -OST-23-01**Evaluation of Clinicopathological characteristics, prognostic factors, and treatment outcomes in patients with osteosarcoma in children and adults treated in India"**

Principal Investigator	Dr Akshay Tiwari
Registered with INPHOG	OCT 2023
CTRI Registration	CTRI/2023/05/053100
Recruitment commenced	Yes
Currently, patients recruited	776



Target patient recruitment	2500
Anticipated duration of recruitment	10 years
Centers study open in	13

- AIIMS, New Delhi
- Apollo Hospital, New Delhi
- Apollo Hospital Chennai – **NEW**
- AIIMS IRCH, New Delhi – **NEW**
- Bharati Vidyapeeth Hospital & Medical College, Pune – **NEW**
- Bai Jerbai Wadia Hospital, Mumbai
- Dayanand Medical College & Hospital, Ludhiana
- JIPMER Puducherry – **NEW**
- KGMU, Lucknow
- Max Super Specialty Hospital, Saket – **NEW**
- MVR Kozhikode – **NEW**
- RGCI, New Delhi – **NEW**
- TMC, Kolkata
- V Care Hospital

INPHOG-ALL-24-03**Improving Survival in Childhood Acute Lymphoblastic Leukemia in India (ISCALL):
ICiCLE Implementation Study."**

Principal Investigator	Dr Venkatraman Radhakrishnan
Registered with INPHOG	Apr 2024
CTRI Registration	CTRI/2023/12/060828
Recruitment commenced	May 2024
Currently, patients recruited	421
Target patient recruitment	-6300
Anticipated duration of recruitment	3 years
Centers study open in	27

- AIIMS, Bhopal
- AIIMS, New Delhi
- AIIMS, Jodhpur
- AIIMS, Bhatinda
- AIIMS Rishikesh
- AIIMS Nagpur
- AIIMS Bhuvaneswar
- AIIMS, Pediatrics, New Delhi
- Cancer Institute (WIA) Adyar, Chennai
- Dr. Bhuvaneshwar Borooah Cancer Institute, Guwahati
- Govt. Medical College Jammu
- Government Medical College, Aurangabad
- Homi Bhabha Cancer Hospital, Varanasi
- Homi Bhabha Cancer Hospital and Research Centre, Visakhapatnam



- Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
- Lady Hardinge Medical College & Kalawati Children's Hospital, New Delhi
- National Cancer Institute, AIIMS- Jhajjar Campus
- Nizam's Institute of Medical Sciences, Hyderabad
- PGIMER, Chandigarh
- PGIMS Rohtak
- Regional Cancer Centre, Trivandrum
- St. John's Hospital, Bengaluru
- Safdarjung Hospital and VMMC, New Delhi
- Tata Memorial Centre, Mumbai
- Tata Medical Center, Kolkata
- Vardhman Mahaveer Medical College & Safdarjung Hospital, New Delhi

InPOG-HL-24-04

Immunotherapeutic strategies in children and adolescents with Hodgkin lymphoma

Principal Investigator	Dr Amita Mahajan
Registered with INPHOG	Mar 2024
CTRI Registration	CTRI/2024/11/076407
Recruitment commenced	Yes
Currently, patients recruited	35
Target patient recruitment	Not specified
Anticipated duration of recruitment	6 years
Centers study open in	10

- Apollo Hospital, New Delhi
- Apollo Specialty Hospital, Chennai
- Rajiv Gandhi Cancer Institute, Delhi
- Indo American Cancer Hospital and Research Institute – NEW
- Max Mohali – NEW
- Post Graduate Institute of Child Health, Noida – NEW
- SKIMS, Jammu & Kashmir
- St. NAMS, Bangalore– NEW
- Sri Ramchandra Hospital, Chennai (SRMC) – NEW
- Tata Memorial Center, Kolkata – NEW

INPHOG-HIST-24-04

A multicenter, retrospective study on the demography, presentation, treatment, and outcome of Langerhans cell histiocytosis in India

Principal Investigator	Dr Ramya Uppuluri
Registered with INPHOG	AUG 2024



CTRI Registration	CTRI/2024/12/077952
Recruitment commenced	Yes
Currently, patients recruited	46
Target patient recruitment	150
Anticipated duration of recruitment	NA
Centers study open in	20

- All India Institute of Medical Science, Jodhpur
- AIIMS, BATHINDA
- AIIMS, New Delhi
- Cancer Institute, Adyar, Chennai
- Deenanath Mangeshkar Hospital, Pune
- Homi Bhabha Cancer Hospital, Varanasi
- Institute of Medical Sciences (SKIMS) Srinagar
- Kasturba Medical College, Manipal
- KGMU Hospital, Lucknow
- Kasturba Medical College, Manipal
- MVR Cancer Centre, Kozhikode
- MGM Hospital, Mumbai
- Max Super Specialty Hospital, Saket, New Delhi
- Post Graduate Institute of Child Health, Noida
- Safdarjung Hospital, New Delhi
- Sri Ramchandra Hospital, Chennai (SRMC)
- St John's, Bangalore
- Tata Memorial Center, Kolkata

INPHOG-NHL-24-02

A prospective multi-centric study on practice, clinical outcomes, and toxicities in children with mature B-cell non-Hodgkin lymphoma treated with a Rituximab-based chemotherapy regimen

Principal Investigator	Dr Nirmalya Roy Moulik
Registered with INPHOG	AUG 2024
CTRI Registration	CTRI/2024/12/078641
Recruitment commenced	Yes
Currently, patients recruited	16
Target patient recruitment	150
Anticipated duration of recruitment	3 years
Centers study open in	11

- Apollo Hospital, Chennai
- Indo-American Cancer Hospital and Research Institute
- King George’s Medical University, Lucknow
- MVR Cancer Centre and Research Institute, Kozhikode
- NSCB Medical College, Jabalpur
- Post Graduate Institute of Child Health, Noida
- Rajiv Gandhi Cancer Institute, New Delhi



- Sir Ganga Ram Hospital, New Delhi
- Tata Medical Centre, Kolkata
- Tata Memorial Hospital, Mumbai

InPOG-NB-23-02**Indian Non-High Risk Neuroblastoma Study**

Principal Investigator	Dr Yamini Krishnan
Registered with INPHOG	Apr 2024
CTRI Registration	CTRI/2024/10/075688
Recruitment commenced	Yes
Currently, patients recruited	3
Target patient recruitment	150
Anticipated duration of recruitment	3 Years
Centers study open in	11

- Apollo Hospital, Chennai
- B J Wadia Hospital, Mumbai
- Dayanand Medical College and Hospital, Ludhiana
- Indo-American Cancer Centre, Hyderabad
- JIPMER, Puducherry
- Kasturba Medical College, Manipal
- MVR Cancer Centre and Research Institute, Kozhikode
- St. John's NAMS, Bengaluru
- Sir Ganga Ram Hospital, New Delhi
- Tata Memorial Centre, Mumbai
- Tata Medical Centre, Kolkata

INPHOG-EPI-24-04**ESTABLISHING THE INPHOG NETWORK OF HOSPITAL-BASED CHILDHOOD CANCER REGISTRIES (HBCCRs) IN INDIA**

Principal Investigator	Dr Venkatraman Radhakrishnan
Registered with INPHOG	Apr 2024
CTRI Registration	CTRI/2024/05/067345
Recruitment commenced	Yes
Currently, patients recruited	91
Target patient recruitment	Not specified
Anticipated duration of recruitment	5 Years
Centers study open in	10

- AIIMS. New Delhi
- Apollo Hospital, New Delhi
- DMC, Ludiana, Punjab
- Indo-American Cancer Hospital and Research Institute, Hyderabad
- Kasturba Medical College & Kh, Mahe, Manipal



- MVR Cancer Centre and Research Institute, Kozhikode
- Sher-I-Kashmir Institute of Medical Sciences
- St John's Hospital, Bangalore
- Sri Ramchandra Medical Centre, Chennai
- Tata Medical Center, Kolkata

INPHOG-ALL-24-04

A collaborative, multicenter, national study for newly diagnosed patients with acute lymphoblastic leukemia

Principal Investigator	Dr Venkatraman Radhakrishnan
Registered with INPHOG	Feb 2025
CTRI Registration	CTRI/2024/07/069839
Recruitment commenced	Yes
Currently, patients recruited	298
Target patient recruitment	3500
Anticipated duration of recruitment	5 Years
Centers study open in	6

- AIIMS, IRCH, New Delhi
- AIIMS, Pediatrics, New Delhi
- Apollo Hospital, Chennai
- Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh
- Tata Memorial Centre, Kolkata
- Tata Memorial Centre, Mumbai

INPHOG-NHL-25-03- New

Safety and Efficacy of Reduced dose chemotherapy in children and adolescents with high-grade mature B Non-Hodgkin Lymphoma – A Prospective Multicenter Phase II Single-Arm Study (RED X – B NHL Study)”

Principal Investigator	Dr Prasanth Srinivasan
Registered with INPHOG	APR 2025
CTRI Registration	CTRI/2024/06/069405
Recruitment commenced	Yes
Currently, patients recruited	07
Target patient recruitment	100-150
Anticipated duration of recruitment	2 years
Centers study open in	1

- Cancer Institute Adyar, Chennai - **New**



INPHOG Studies Granted Full Registration (6)

INPHOG-SUPP-23-04- **NEW**

Drug-induced Diabetes Mellitus management in children with Acute Leukemia (ALL) – A Phase-2 Open-Label Randomized Control Trial (RCT) comparing two treatment arms (Insulin alone Vs Insulin + Metformin)

Principal Investigator	Dr. Kalashekhar V.S
Registered with INPHOG	May 2024
CTRI Registration	Applied For
Recruitment commenced	No
Currently, patients recruited	NA
Target patient recruitment	Not specified
Anticipated duration of recruitment	Not specified
Centers study open in	No

INPHOG-CNS-24-04- **New**

Multicentric Indian Pediatric Low-Grade Glioma Registry (IPLOGG): Epidemiology, Treatment Patterns, and Outcomes

Principal Investigator	Dr Shweta Bansal
Registered with INPHOG	AUG 2024
CTRI Registration	CTRI/2025/04/085544
Recruitment commenced	No
Currently, patients recruited	NA
Target patient recruitment	800
Anticipated duration of recruitment	3-5 Years
Centers study open in	No

INPHOG-SUPP-24-05- **New**

Childhood Leukemia Antifungal Prophylaxis (CLAP) study: A Prospective, multi-arm, multi-stage stage randomized phase III, open-label study

Principal Investigator	Dr Shyam Srinivasan
Registered with INPHOG	FEB 2025
CTRI Registration	In Process
Recruitment commenced	No
Currently, patients recruited	NA
Target patient recruitment	700-900
Anticipated duration of recruitment	3-4 Years
Centers study open in	No



INPHOG-PALL-24-02- **New****Caregiver Perspective for the care of children with cancer receiving end-of-life Care**

Principal Investigator	Dr Amita Mahajan
Registered with INPHOG	MAR 2025
CTRI Registration	In Process
Recruitment commenced	No
Currently, patients recruited	NA
Target patient recruitment	Not specified
Anticipated duration of recruitment	2 Years
Centers study open in	No

INPHOG-HIST-25-05- **New**
**A Phase II, Multicenter, Single-Arm Study of Combination Chemotherapy and
 Trametinib to Improve Outcomes in Risk Organ Positive Langerhans Cell
 Histiocytosis in India (CATCH study)**

Principal Investigator	Dr Swaminathan
Registered with INPHOG	May 2025
CTRI Registration	In Process
Recruitment commenced	No
Currently, patients recruited	NA
Target patient recruitment	37
Anticipated duration of recruitment	3 Years
Centers study open in	No

INPHOG-RB-25-02- **New****A Prospective Registry of Newly Diagnosed Patients with Retinoblastoma in India**

Principal Investigator	Dr Amita Mahajan
Registered with INPHOG	MAY 2025
CTRI Registration	In Process
Recruitment commenced	No
Currently, patients recruited	NA
Target patient recruitment	Not specified
Anticipated duration of recruitment	5 Years
Centers study open in	No



INPHOG Studies Granted Provisional Registration (4)

INPHOG-NB-PROV-01 A multi-center observational study to evaluate the toxicity profile and outcomes of children and young adults treated for High-risk Neuroblastoma with anti-GD2 immunotherapy. **PI - Dr Venkata Rama Mohan**

INPHOG-BMF-PROV-01 Frequency, Natural History, and Improved Diagnosis of Inherited Bone Marrow Failure Syndromes (IBMFS) in India: An Ambispective Multi-Centric Study **PI - Dr Ruchira Mishra**

INPHOG-HL-PROV-01 Phase II Study of Bendamustine and Fixed-Dose Nivolumomab in Children with Relapsed or Refractory Hodgkin Lymphoma **PI - Shyam Srinivasan**

INPHOG-LE-PROV-01 Bone health in survivors of childhood acute lymphoblastic leukemia - serial assessment & effect of the intervention (BONE HEALTH STUDY). **PI - Dr Nirmalya Roy Moulik**



INPHOG Studies - Recruitment Complete (22)

InPOG-HL-15-01**A collaborative study for newly diagnosed childhood Hodgkin's lymphoma patients in India**

Principal Investigator
Registered with INPHOG
CTRI Registration
Patients recruited
Recruitment Closed
Centers study open in

Prof Jagdish Chandra
 June 2015
 CTRI/2016/03/010916
 410
 February 2018
 27 centers

Publications

- Arora RS, Mahajan A, Dinand V, Kalra M, Jain S, Taluja A, Mandal P, Chandra J. InPOG-HL-15-01 - Challenges and Lessons Learnt in Setting up the First Collaborative Multicenter Prospective Clinical Trial in Childhood Cancer in India. Pediatric Hematology Oncology J 2020. Oct 1;5(4):166-70.
- Mahajan A, Singh M, Bakhshi S, Jain S, Seth R, Verma N, Kumar A, Radhakrishnan V, Mandal P, Kapoor G, Arora RS, Dinand V, Kalra M, Sharma A, Phulkar S, Arora A, Chandra J. Treating Early-Stage Hodgkin Lymphoma in resource-limited settings: InPOG-HL-15-01 Experience. Pediatric Blood & Cancer. 2021 Jul 22; e29219.
- Jain S, Bakhshi S, Seth R, Verma N, Singh M, Mahajan A, Radhakrishnan V, Mandal P, Arora RS, Dinand V, Kalra M, Sharma A, Chandra J. Risk-based and response adapted radiation therapy for children and adolescents with newly diagnosed advanced Hodgkin lymphoma treated with ABVD chemotherapy: A report from the Indian Pediatric Oncology Group study InPOG-HL-15-01. Leuk Lymphoma 2021 Dec 9:1-8
- Mahajan A, Bakhshi S, Singh M, Seth R, Verma N, Jain S, Radhakrishnan V, Mandal P, Arora RS, Dinand V, Kalra M, Kapoor G, Sajid M, Kumar R, Mallick S, Taluja A, Chandra J. Empirical antitubercular treatment for lymphadenopathy: Are we missing lymphoma? Indian J Pediatr. 2022 Jun 23.
- Mahajan A, Bakhshi S, Seth R, Verma N, Mandal P, Singh M, Jain S, Radhakrishnan V, Kanvinde S, Arora RS, Dinand V, Kalra M, Taluja A, Mallick S, Kumar R, Chandra J. Hodgkin lymphoma in children under 5 years: Do they behave differently? J Pediatr Hematol Oncol. 2022 May 1;44(4):186-190.
- Kalra M, Bakshi S, Singh M, Seth R, Verma N, Jain S, Radhakrishnan V, Mandal P, Mahajan A, Arora RS, Dinand V, Kapoor G, Sajid M, Kumar R, Taluja A, Mallick S, Chandra J. Response assessment with Positron Emission Tomography-Computed tomography as compared with contrast-enhanced computed tomography in Childhood Hodgkin Lymphoma can reduce the need for radiotherapy in low- and middle-income countries. Pediatr Blood cancer 2022; e 30091.
- Banwait DK, Arora PR, Mahajan A, Dinand V, Jain S, Kalra M, Chandra J, Arora RS. Barriers to Accessing Fertility Preservation in Adolescents with Hodgkin Lymphoma in India. Pediatr Hematol Oncol. 2023 Jun 2:1-6.



InPOG NHL-16-01**A Retrospective Multi-Centric Study of Contemporary Epidemiology & Outcome of Childhood B-NHL in India**

Principal Investigator	Dr Amita Trehan
Registered with INPHOG	October 2016
CTRI Registration	No
Patients recruited	323
Recruitment Closed	April 2018
Centers study open in	09 centers

Publications

- Rahiman EA, Bakhshi S, Deepam Pushpam, Ramamoorthy J, Das A, Ghara N, Kalra M, Kapoor G, Meena JP, Siddaigarhi S, Thulkar S, Sharma MC, Srinivasan R, Trehan A. Outcome and prognostic factors in childhood B non-Hodgkin lymphoma from India: Report by the Indian Pediatric Oncology Group (InPOG-NHL-16-01 study). *Pediatr Hematol Oncol.* 2022 Jan 3:1-15.

InPOG-ACC-16-01**Multi-site Prospective Study to Determine Household Out-of-Pocket Expenditure Incurred by Families of Children Newly Diagnosed with Cancer in India (HOPE Study)**

Principal Investigator	Dr Ramandeep Singh Arora
Registered with INPHOG	August 2016
CTRI Registration	CTRI/2016/11/007492
Patients recruited	402
Recruitment Closed	November 2017
Centers study open in	15 centers

InPOG-ACC-16-03**Exploring Barriers and Enablers to Accessing Care for Childhood Cancers in India: A Multicenter Qualitative Study**

Principal Investigator	Dr Ramandeep Singh Arora
Registered with INPHOG	May 2017
CTRI Registration	No
Patients recruited	34 patients + 27 healthcare
Recruitment Closed	January 2018
Centers study open in	7 centers

Publications

- Faruqui N, Joshi R, Martiniuk A, Lowe J, Arora R, Anis H, Kalra M, Bakhshi S, Mishra A, Santa A, Sinha S, Siddaiahgari S, Seth R, Bernays S. A health care labyrinth: perspectives of caregivers on the journey to accessing timely cancer diagnosis and treatment for children in India. *BMC Public Health.* 2019 Dec 2;19(1):1613.
- Faruqui N, Bernays S, Martiniuk A, Abimbola S, Arora R, Lowe J, Denburg A, Joshi R, Access to care for childhood cancers in India: perspectives of health care providers and the implications for Universal Health Coverage. *BMC Public Health* 2020 Dec;20(1):1-1.



InPOG-PNET-16-01**Evaluation of clinicopathological characteristics, prognostic factors, and treatment outcomes in patients with PNET of Kidney: An InPOG study**

Principal Investigator	Dr Bivas Biswas
Registered with INPHOG	June 2016
CTRI Registration	No
Patients recruited	40
Recruitment Closed	August 2018
Centers study open in	2 centers

InPOG-CML-16-01**Study of treatment and outcome of chronic myeloid leukemia in children and adolescents in India**

Principal Investigator	Prof Deepak Bansal
Registered with INPHOG	Feb 2018
CTRI Registration	No
Patients recruited	171
Recruitment Closed	January 2019
Centers study open in	9 centers

InPOG-AML-16-01**Randomized Phase III Study Comparing DA (3+7) Versus ADE as Induction Chemotherapy in Children with Acute Myeloid Leukemia**

Principal Investigator	Dr Venkatraman Radhakrishnan
Registered with INPHOG	April 2016
CTRI Registration	CTRI/2014/11/005202
Patients recruited	150
Recruitment Closed	Nov 2019
Centers study open in	5 centers

Publications

- Radhakrishnan V, Bakhshi S, Kayal S, Thampy C, Batra A, Shenoy PK, Kumar H, Rajaraman S, Chaudhary S, Bisht R, Dubashi B, Ganesan TS. Two-drug versus three-drug induction chemotherapy in pediatric acute myeloid leukemia: a randomized controlled trial. Blood Cancer J. 2022 Sep 6;12(9):131. doi: 10.1038/s41408-022-00726-1. Erratum in: Blood Cancer J. 2022 Sep 27;12(9):139. PMID: 36068213; PMCID: PMC9444698



InPOG-HIST-17-01**Indian Hemophagocytic Lymphohistiocytosis Registry (I-HLH): Establishment of a nationwide prospective web-based registry for patients diagnosed with HLH**

Principal Investigator	Dr Mukesh Desai
Registered with INPHOG	July 2017
CTRI Registration	Not done
Patients recruited	20
Recruitment Closed	Feb 2021
Centers study open in	8 centers

InPOG-ACC-16-02**Accessing Childhood Cancer Services in INDIA (ACCESS INDIA)**

Principal Investigator	Dr Ramandeep Singh Arora
Registered with INPHOG	Sep 2018
CTRI Registration	Not done
Patients recruited	2850
Recruitment Closed	Feb 2021
Centers study open in	71 centers

InPOG-ACC-20-04**The Impact of COVID-19 Pandemic on the care of children with cancer in India**

Principal Investigator	Dr Ramandeep Arora
Registered with INPHOG	May 2020
CTRI Registration	CTRI/2020/05/025219
Patients recruited	1146
Recruitment Closed	Feb 2021
Centers study open in	30 centers

Publications

- Sharma J, Mahajan A, Bakhshi S, Patil V, Verma N, Radhakrishnan V, Singh A, Kayal S, Seth R, PushpamD, Arora RS. The impact of COVID-19 pandemic on access to treatment for children with cancer in India and treating center practices. Cancer. 2022 Feb 1;128(3),579-86.

InPOG-ALL-15-01**An Indian Childhood Collaborative Leukemia Group multicenter national standardization study for newly diagnosed acute lymphoblastic leukemia**

Principal Investigator	Prof Vaskar Saha
Registered with INPHOG	July 2015
CTRI Registration	CTRI/2015/12/006434
Patients recruited	2516
Recruitment Closed	Aug 2022
Centers study open in	5 centers



Publications

- Das N, Banavali S, Bakhshi S, Trehan A, Radhakrishnan V, Seth R, Arora B, Narula G, Sinha S, Roy P, Gogoi MP, Chatterjee S, Abraham B, Das P, Saha V, Krishnan S. Protocol for ICiCLE-ALL-14 (InPOG-ALL-15-01): a prospective, risk stratified, randomized, multicenter, open label, controlled therapeutic trial for newly diagnosed childhood acute lymphoblastic leukemia in India. *Trials*. 2022 Jan 31;23(1):102.
- Gogoi MP, Das P, Das N, Das S, Narula G, Trehan A, Bakhshi S, Radhakrishnan V, Seth R, Tembhare P, Singh Sachdeva MU, Chopra A, Sundersingh S, Parihar M, Bhattacharya R, Banavali S, Saha V, Krishnan S. Risk stratified treatment for childhood acute lymphoblastic leukaemia: a multicentre observational study from India. *Lancet Reg Health Southeast Asia*. 2025 May 13; 37:100593- **NEW**

InPOG-HL-17-02

Prospective Collaborative Study for Relapsed/Refractory Hodgkin Lymphoma

Principal Investigator
Registered with INPHOG
CTRI Registration
Patients recruited
Recruitment Closed
Centers study open in

Dr Amita Mahajan
 May 2018
 Ref/2019/03/024719
 69
 SEP 2023
 13 centers

InPOG-NB-18-01

India Neuroblastoma Registration and Biology Study

Principal Investigator
Registered with INPHOG
CTRI Registration
Patients recruited
Recruitment Closed
Centers study open in

Dr Vikramjit Kanwar
 Nov 2018
 CTRI/2020/01/023088
 311
 SEP 2023
 13 centers

InPOG-EPI-20-02

Indian COVID-19 Childhood Cancer Registry

Principal Investigator
Registered with INPHOG
CTRI Registration
Patients recruited
Recruitment Closed
Centers study open in

Dr. Revathi Raj
 May 2020
 CTRI/2020/05/025221
 659
 JUL 2023
 37 centers

Publications

- Raj R, Uppuluri R, Parambil B, Dhariwal N, Totadri S, Mathew LG, Radhakrishnan V, Charan A, Yadav SP, Mahajan A, Mudaliar S. Outcomes of COVID-19 in children with cancer–Report from the Indian Pediatric Oncology Group (InPOG) COVID-19 registry in India. *Pediatric Hematology Oncology Journal*. 2022 Jun 1;7(2):34-7.



InPOG-PALL-18-01

Patterns of End-Of-Life Care in Children with Cancer in India – A Multicentre Retrospective Study

Principal Investigator	Dr Gayatri Palat
Registered with INPHOG	Sep 2020
CTRI Registration	CTRI/2020/12/029960
Patients recruited	384
Recruitment Closed	JUL 2023
Centers study open in	17 centers

InPOG-WT-18-02

Pattern of care and survival of renal tumors in children in India - Multi-center study

Principal Investigator	Dr. Shirsharani Siddaiahgari
Registered with INPHOG	Apr 2020
CTRI Registration	CTRI/2021/01/030770
Patients recruited	443
Recruitment Closed	JUL 2023
Centers study open in	17 centers

InPOG-HIST-19-03

Prospective Collaborative Study for Pulse Dexamethasone and Lenalidomide in Relapsed / Refractory Langerhans Cell Histiocytosis (LENDEX-LCH study)

Principal Investigator	Dr Ramya Uppuluri
Registered with INPHOG	Aug 2019
CTRI Registration	CTRI/2020/07/026937
Patients recruited	15
Recruitment Closed	DEC 2023
Centers study open in	07

InPOG-RARE-17-02

Indian Childhood Advanced Nasopharyngeal Carcinoma Study (ICANaPS) A multicenter, prospective, pilot study on the use of platinum-based chemotherapy for pediatric nasopharyngeal carcinoma and exploration of the role of plasma Epstein-Barr virus (EBV)- DNA PCR titers in predicting relapse

Principal Investigator	Dr Reghu
Registered with INPHOG	October 2018
CTRI Registration	
Recruitment Closed	
Patients recruited	2
Centers study open in	1



InPOG-RARE-17-01

Clinical Course, Pathological Spectrum and Outcomes in Paediatric Rare Tumours in India: A Multicentric Observational Study

Principal Investigator	Dr Maya Prasad
Registered with INPHOG	July 2017
CTRI Registration	CTRI/2019/02/017851
Recruitment Closed	Dec 2023
Patients recruited	384
Centers study open in	10 centers

InPOG-PNET-19-02

Evaluation of clinic-pathological characteristics, prognostic factors, and treatment outcomes in patients with ESFT in children and young adults.

Principal Investigator	Dr Sandeep Jain
Registered with INPHOG	May 2021
CTRI Registration	Applied for
Recruitment Closed	Aug 2024
Patients recruited	1600
Centers study open in	09

InPOG-RB-19-01

A Prospective Collaborative Study for Newly Diagnosed Patients with Retinoblastoma

Principal Investigator	Dr Santosh Honavar
Registered with INPHOG	Sep 2019
CTRI Registration	CTRI/2020/09/027846
Recruitment Closed	Sep 2023
Patients recruited	1120
Centers study open in	20

INPHOG-GCT-22-01

Integrated Clinico-pathological and treatment outcome analysis of extra-cranial malignant germ cell tumors in children and adolescents in India.

Principal Investigator	Dr Sonali Mohapatra
Registered with INPHOG	March 2023
CTRI Registration	Applied For
Recruitment Closed	May 2025
Currently, patients recruited	500
Centers study open in	21

