

IAP Fellowship in Pediatric Hematology-Oncology
under the aegis of
Pediatric Hematology-Oncology Chapter of IAP

Guidelines and Syllabus

“FELLOWSHIP COURSE IN PEDIATRIC HEMATOLOGY-ONCOLOGY”

IAP FELLOWSHIP COURSE IN PEDIATRIC HEMATOLOGY-ONCOLOGY

Goal: The goal of this course is to provide training in Pediatric Hematology-Oncology to Pediatricians to enable them to provide better care to children with hematological disorders and malignancies

a. Learning objectives: After completing the course, the student will be able to provide comprehensive care to all infants and children once diagnosed with congenital or acquired hematological disorders and pediatric malignancies

b. Duration of the course: 2 years

c. Eligibility for candidate: MD / DNB (Paediatric)

d. Faculty eligible as Mentor:

1. DM Pediatric Hematology-Oncology with at least 5 years' experience in the subject
2. MD (Pediatrics) with Fellowship in Pediatric Hematology-Oncology with at least 8 years' experience in the subject
3. MD (Pediatrics) with experience in the subject for at least 12 years

e. Minimum requirements/Infrastructure: Specific requirements for the Pediatric Hematology-Oncology course

1. A dedicated Hematology-Oncology Clinic
2. At least 15 beds should be available for admission of Hematology/Oncology cases
3. Center catering to at least 50 new oncology cases and 100 hematology cases annually
4. Dedicated Day care centre for transfusions and chemotherapy
5. In house blood bank/blood storage facilities for component therapy or a tie up with a nearby facility
6. Access to Pediatric surgery/radiotherapy/neurosurgery etc services

candidate would have to wait for the exit exam, which would be conducted in last week of August or 1st week of September for the regular batch of fellows.

Procedures for starting new courses: Applications shall be accepted from 1st March – 30th April of every year from various aspiring institutes to start new IAP Fellowship courses. No applications will be entertained after the last date of 30th April. Local Inspection for accreditation of institutes (Locally available Pediatric Haematologists-Oncologists should be appointed as local inspectors by the EB of the PHO Chapter of IAP) will be completed by end of May and advertisements for fellowships will be put up from 1st June to 30th June and interviews shall be completed by 15th July for course to begin on 1st August. There is a fee of Rs 25,000 required to be remitted to the PHO Chapter by the institutions applying for the course. Re-accreditation to be sought by all the centres running the IAP Fellowship course every 3 years with re-accreditation fees of Rs 25,000.

Payment options: Either of three

- a) Demand draft to be drawn in favour of "**IAP Pediatric Hematology and Oncology Chapter - Mumbai**". **Payable at Mumbai**
- b) Crossed cheque in favour of "**IAP Pediatric Hematology and Oncology Chapter – Mumbai**". Payable at Mumbai.
- c) Online payment (**Must mail soft copy of proof of transfer to secy.pho@gmail.com**)

Bank Name: ICICI Bank Ltd
Name of the account: IAP Pediatric Hematology and Oncology Chapter Mumbai
H N Hospital Branch, Mumbai
Account Number: 000401149679
IFSC Code Number: ICIC0003611

Selection: The selection of candidates for the Fellowship course should be based on the knowledge, clinical skills, & aptitude which will be assessed through a common entrance examination followed by local interview conducted by the administrator and the expert of the concerned institution along with an external expert.

- h. Intake Capacity: 1:1 or 1:2 Mentor Student Ratios depending on the experience of the mentors and the workload of the unit.**

- i. Fees: Rs. 50,000 per year with 25% of fees to be remitted to the PHO Chapter of IAP**

- j. Syllabus: Attached as Appendix A**

- k. Certificate:** After the completion of course, the candidate would be awarded a Fellowship Certificate of completion from the **PHO Chapter of IAP.**

Appendix A: SYLLABUS

Course Content

The following content would be included in the course.

List of Skills

Detailed History taking

Clinical Examination

Insertion of peripheral, PICC lines, central line & catheters.

Parenteral nutrition

Intrathecal administration of medications

Chest tube placement

Bone Marrow Aspiration/Bone Marrow Biopsy

Preparation of slides, staining techniques

Chemotherapy

Supportive care and growth factors

Infection control & universal precautions

Decision making, clinical diagnosis, planning & interpretation of investigations

Administration of Palliative care.

Blood Banking

Laboratory techniques for diagnosis of various conditions

Special stain, immunophenotyping, cytogenetics for bone marrow

Hemoglobinopathy workup

Enzyme assays

Bleeding profile-factor assays

FISH/Molecular Genetics etc

Communication and Counselling

Communication with parents, families, caregivers

Communication with interdepartmental staff

Research: Candidates are to perform a dissertation work during the course of their study and to present at least once in the National conference of the PHO chapter (PHOCON)

Teaching scheme

- a) Case Presentation & management of cases in OPD /IPD of the following–
, Hematology-Oncology.
- b) Daily clinical rounds with faculty members of the dept.
- c) PG clinics, Seminars, panel discussions.
- d) Slide sessions.
- e) Oncology meets once a month.
- f) Tumor Board meet with Pediatric Surgery, Pathology, Microbiology Dept
- g) Journal clubs

Text books and reference journals

- a) Principles & Practise of Pediatric Oncology – P. Pizzo&Poplack
- b) Hematology of infancy & Childhood – Nathan &Oski
- c) British Journal of Haematology (U.K.)
- d) Hematology/Oncology clinics of North America
- e) Seminars in Hematology (U.S.A.)
- f) Pediatric Hematology and Oncology (USA)
- g) Pediatric Blood and Cancer (SIOP)
- h) Blood (USA)
- i) Journal of Clinical Oncology (USA)