

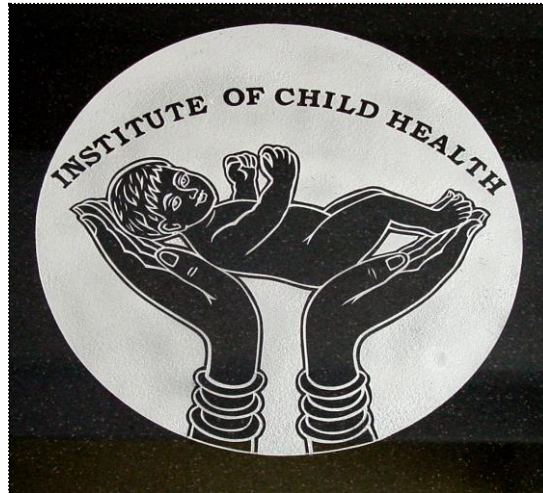
**INDIRA GANDHI INSTITUTE OF CHILD HEALTH
AUTONOMOUS INSTITUTE OF GOVT. OF KARNATAKA
(A Post Graduate Institute of Higher Medical Sciences)**

**South Hospital Complex,
Dharmaram College Post, (Near NIMHANS)
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**(AFFILIATED TO RAJIV GANDHI UNIVERSITY OF HEALTH
SCIENCES, KARNATAKA)**



**PROSPECTUS
FOR
FELLOWSHIP IN PEDIATRIC DERMATOLOGY**

FELLOWSHIP CURRICULUM IN PEDIATRIC DERMATOLOGY

GOALS

- Ensure expertise in the field of Pediatric dermatology
- To provide Basic and Advanced training in pediatric dermatology, producing highly competent doctors in this field.
- To be able to provide clinical care of the highest order to the children affected with skin disorders
- Trained individual would be capable of providing tertiary outpatient and inpatient management for children with skin disorders
- To inculcate further human values of empathy, ethics, care and discipline with a sound background of knowledge and clinical skills to practice pediatric dermatology.
- To empower the doctor with a necessary knowledge / expertise required to set up a pediatric dermatology unit encouraging set ups in the far reach areas.

[Clinical subspecialty training will be under the direct supervision of pediatric dermatologists]

OBJECTIVES

- To acquire knowledge and be conversant with common pediatric dermatology problems-their Etiology, pathophysiology, diagnosis, management and prevention.
- To acquire knowledge with respect to organizing and managing a tertiary level pediatric dermatology care Units.
- To be able to early diagnose and manage pediatric dermatology disorders.
- To involve in active research in the field of pediatric dermatology and to publish research papers in peer reviewed journals.
- To involve in active teaching of dermatology residents and pediatric postgraduates residents.

- Fellows to be able to utilize clinical time to develop and refine their skills in the management of acute skin problems and communicate with children and parents and to have effective interdepartmental relationship.
- To exhibit skills of a good team worker along with fellow colleagues, nurses, and paramedical workers.
- To counsel parents regarding pediatric dermatology problems including genetic /hereditary diseases
- To be able to organize CME programmers under the supervision of a pediatric dermatologist
- To be able to conduct multidisciplinary clinics for genetic/hereditary/ autoimmune disorders and Neurocutaneous disorders.

DUTIES AND RESPONSIBILITIES OF A FELLOW

- To attend regular OPD on all six days of a week and half days on general holidays on rotation basis
- To see all the cases presenting to pediatric dermatology OPD, take history, clinical examination, document all the findings in case sheet, prepare a problem sheet and plan appropriate management under the supervision of pediatric dermatologist
- To attend all the pediatric dermatology referral cases admitted in PICU/NICU and general wards
- Discussion of interesting cases with pediatric dermatology consultants and if necessary with other consultants of IGICH
- To maintain all OPD/procedure/inpatient/interesting case register upto date
- To perform all procedures necessary for the care of children
- To involve in academic activities and attend all teaching programmes conducted in the pediatric dermatology department like seminars/journal clubs/case presentation/specialty clinics
- To maintain log book duly signed by the head of department
- Work as an effective member of the health care team.

- To attend conferences/CME programmes in pediatric dermatology and present papers and update their knowledge
- To actively interact with other department colleagues and take their suggestions in the diagnosis and management of cases.
- Educate parents in the management of chronic skin problems.

CLINICAL CORE CURRICULUM

SYLLABUS

1. Neonatal Dermatology

Physiology of newborn skin
 Skin care of the newborn
 Transient neonatal dermatoses
 Developmental abnormalities
 Neonatal infections
 Neonatal erythroderma
 Collodion baby and harlequin ichthyosis
 Neonatal lupus erythematosus
 Disorders of the subcutaneous tissue in newborns

2. Atopic dermatitis

3. Other types of dermatitis

Seborrheic dermatitis
 Pompholyx
 Allergic contact dermatitis
 Napkin dermatitis

4. Infections and Infestations

Bacterial infections
 Viral infections/Viral exanthema
 Fungal infections

Mycobacterial infections

Parasitic infestations

Leprosy

HIV infection in children

Scabies

Pediculosis

5. Urticaria and erythema's

Urticaria

Papularurticaria

Mastocytosis

Annular erythemas

Erythema nodosum

Erythema multiforme, Stevens Johnson syndrome and Toxic Epidermal Necrolysis

6. Acne

7. Papulosquamous disorders

Psoriasis

Pityriasisrubra pilaris

Pityriasisrosea

Lichen planus and lichen nitidus

Lichen striatus

8. Vesiculobullous disorders

Linear IgA bullous disorder of childhood

Pemphigus and bullous pemphigoid

Dermatitis herpetiformis

9. Nodular disorders

Granuloma annulare

Angiolymphoid hyperplasia with eosinophilia

Adnexal disorders

Cutaneous calcification and ossification

Knuckle pads

Fibromatoses

Cutaneous malignancies

10. Lymphocytic disorders and histiocytoses

Pityriasislichenoides

Jessner's lymphocytic infiltrate

Cutaneous lymphomas

Histiocytosis

11. Disorders of pigmentation

Disorders of hypopigmentation

Disorders of hyperpigmentation

12. Vascular and lymphatic abnormalities

Infantile hemangiomas and other vascular tumours

Vascular malformations

Lymphatic abnormalities

13. Genodermatoses

Principles of genetics

Epidermolysis bullosa

Ichthyosis

Netherton syndrome

Ectodermal dysplasias

Erythrokeratodermas

Palmoplantar keratodermas

Darier disease

Porokeratosis
Neurofibromatosis
Tuberous sclerosis
Pigmentary mosaicism
Incontinenti pigmenti
Nevoid basal cell carcinoma syndrome
Premature aging syndromes
Photosensitive genodermatoses
Silvery grey hair syndromes

14. Disorders of connective tissue

Ehlers Danlos syndromes
Cutis laxa
Pseudoxanthoma elasticum

15. Disorders of subcutaneous fat

16. Disorders of oral mucosa

17. Hair and nail disorders

Hair disorders
Nail disorders

18. Anogenital disorders

Genital disease in children
Vulvovaginitis and lichen sclerosis
Sexually transmitted diseases
Child abuse

19. Systemic disorders

Acute hemorrhagic edema of infancy

HenochSchonleinpurpura/PAN
Purpurafulminans
The vasculitiides
Urticarial vasculitis
Kawasaki disease
Sweet syndrome
Sarcoidosis
Amyloidosis
Inherited metabolic disorders
Nutritional dermatoses
Cutaneous manifestations of endocrine disease
Collagen vascular diseases
Autoinflammatory syndromes
Immunodeficiency syndromes
GVHD

20. Drug reactions in children

21. Psychocutaneous disorders in children

22. Dermatosurgery and laser therapy in children

23. Approach to a case

Approach to a case of maculopapular rash
Approach to case of diaper dermatitis
Approach to case of neonatal erythroderma
Approach to case of vesiculopustular lesions in neonates
Approach to a case of genetic disorders in children

Diagnostic and Therapeutic procedures (but not limited to)

- Skin biopsy techniques (especially skin biopsy for epidermolysis bullosa)

- Bed side investigations: KOH examination, Tzanck smear, Gram stain
- Hair shaft examination for shaft disorders and genetic disorders
- Cryotherapy
- Curettage, Needling
- Electrocautery procedure
- Child friendly technique of removing multiple warts/molluscum contagiosum under IV sedation
- Surgical excision
- Nail biopsy in children

Other trainings

- To learn wet wrap techniques for atopic dermatitis in children and demonstrate the same to parents
- Able to learn wound dressings for epidermolysis bullosa children. (learn various dressings available for epidermolysis bullosa)

Teaching and training modules

- Monthly one seminar by each fellow
- Weekly journal club/case presentation
- Interesting case discussion once in 15 days, with interdepartmental staff
- Everyday rounds in NICU/PICU/general wards
- Pediatric dermatology Grand rounds every month
- Attend epidermolysis bullosa clinic at Centre for human Genetics once/week
- To attend speciality clinics/genodermatoses clinic/multidisciplinary clinic per week
- To conduct one educative programme to parents on chronic skin disorders once per month
- Research study by each fellow and publication of the same in peer reviewed journal
- Two publications by each fellow (clinical study/case series/case report/review article/chapters also encouraged) / presentation at state and national conference (Attend

Indian Society of Pediatric Dermatology conference and participate in all ISPD programmes actively)

- 15 days posting in allied subjects to improve their skills in managing multidisciplinary approach

Postings in allied subjects

1. Pediatric Emergency (PICU/NICU)

Pediatric Dermatology emergencies

2. Pediatric Genetics

Basics of genetics

Pedigree chart

Genetic skin disorders

Genetic counselling

3. Pediatric Rheumatology

Collagen vascular disorders

Vasculitis

4. Pediatric Endocrinology

All Endocrine disorders with skin involvement

5. Pediatric Neurology

Neurocutaneous disorders

Reference text book for Pediatric dermatology

1. Harper Text book of Pediatric Dermatology
2. Lawrence text book of Pediatric Dermatology
3. Hurwitz text book of Pediatric Dermatology
4. Neonatal skin disorders by Eichenfield
5. Color Atlas and synopsis of Pediatric Dermatology by Dr Sandipan Dhar
6. Text book of Pediatric Dermatology by Dr Arun C Inamdar & Dr Sacchidanand S
7. IADVL text book of Dermatology
8. Rooks text book of Dermatology
9. Dermatology Emergencies by Dr Arun C Inamdar
10. Bologna text book of dermatology

Journal references for Pediatric Dermatology

1. Pediatric Dermatology
2. Indian Journal of Pediatric Dermatology
3. Clinical and Experimental Dermatology
4. British Journal of Dermatology
5. Indian Journal of Dermatology, Venereology and Leprosy
6. Indian Journal of Dermatology
7. Journal of the American Academy of Dermatology
8. Pediatrics
9. Journal of Pediatrics
10. Indian Journal of Pediatrics
11. Archives of Diseases of Childhood and Adolescence
12. Archives of Dermatology

Duration of Course:

12 Months (full time work as per RGUHS guidelines and not permitted to work elsewhere)

Eligibility:

MD Dermatology or Equivalent / DVD with Three years clinical experience.

Selection:

- 1) Candidates will be selected from 4 Member panel by interview
(Approved by RGUHS)
- 2) If necessary entrance test will be conducted.

Attendance & Leave:

As per University Guidelines

Faculty:

Staff from Indira Gandhi Institute of Child Health, Bangalore.

Fees & Stipend:

Fees for the course	: As per IGICH norms
Monthly stipend	: Rs.60000/- Per Month

*In the event of the candidate leaving the course by discountenance or otherwise and thus failing to complete course;

1. The fee paid by candidate will not be refunded.
2. The stipend drawn by the candidate from the Institute during the period of the Fellowship programme to be paid to Institute.

Experience:-

Preference will be given to candidates having three years experience after post graduation in the concerned specialty.

SCHEME OF EXAMINATION

THEORY EXAMINATION – includes 2 theory papers 100 marks each.

10 questions with 10 marks each

PRACTICAL EXAMINATION – 10 cases (150 marks)

VIVA VOCE – 50 marks

Total – 400 marks

Copies of certificates to be enclosed with application (Originals at the time of Interview)

1. Photos –2
2. SSLC Marks card.
3. MBBS Degree Certificate and marks cards for all the four years.
4. Post graduate degree certificates / Marks card / Convocation Certificates
5. KMC Registration Certificate(updated qualification)
6. Application of in-service candidates should be routed through proper channel only.
7. Experience Certificate if any.

*** This Fellowship Programme is not recognized by Medical Council of India.**