



College of Physicians and Surgeons of Mumbai

Syllabus for CPS-PG-Course

DPOROTHO-DIPLOMA IN PAEDIATRIC ORTHOPAEDICS

College of Physicians and Surgeons of Mumbai

CPS House, Dr. E. Borges Marg, Parel, Mumbai – 400012.

DPORTHO-DIPLOMA IN PAEDIATRIC ORTHOPAEDICS

OBJECTIVES

To develop a systemic approach to interact and examine paediatric patient and develop decision making skills in assessment and management of orthopaedic problems.

To develop and sharpen skills in interpretation of paediatric musculoskeletal radiology.

To attain basic knowledge of diagnosing and managing the problems specific to paediatric age group.

To obtain experience in scientific data collection, analysis interpretation, publication and surgical audit.

COURSE DESCRIPTION

Eligibility Criteria for Candidates:

i. A candidate should possess MBBS degree/ equivalent degree as per provisions of Indian Medical Council Act.

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ii. Candidates having a recognized 3 years degree Qualification (MD/MS/DNB) in Paediatrics speciality

or 2 years Diploma Qualification in Paediatrics specialty

Duration of the Course : 2 years

Surgical training:

Performing – Arthrogram and spica application. – Fracture reduction and closed pinning of fractures under supervision.

Assisting – CTEV Surgery.

Surgery for congenital and developmental disorders of hips.

Pelvic osteotomies – Deformity correction.

CP reconstructive surgeries and Botox injection.

Congenital and adolescent scoliosis surgery.

Paediatric trauma and reconstruction.

Paediatric and adolescent foot reconstructive surgeries

Arthroscopic surgeries in adolescent sports injuries.

Academic Requirements:

Research work.

Planning and designing a study, data collection, analysis and defending the project/study publishing it.

Desirable to achieve one Indexed publication (International)

At least one national publication.

Oral presentations in national conference. Attending at least two major conferences.

Regular presentations in Local body orthopaedic / Paediatric orthomeets.

Maintaining a Log of all Clinical and Surgical work.

SYLLABUS

Growth and Development.

Gait analysis.

Imaging a paediatric patient.

Anatomic disorders

Scoliosis, kyphosis and other disorders of spine.

Congenital deformities of upper limb.

DDH, Perthes disease, SCFE and other disorders of Hip.

Congenital dislocation of knees.

Congenital disorders of ankle and foot.

Limb length discrepancy – Causes, assessment and planning of treatment.

Neuromuscular disorders

Cerebral palsy.

Disorders of spine.

Muscular dystrophies.

Skeletal dysplasia

Metabolic and endocrine bone diseases.

Limb deficiencies.

Arthritis.

Infections of Musculoskeletal system.

Tumors.

Orthopedic related syndromes.

Paediatric trauma.

Disorders of adolescent athletes.

DPORTHO-DIPLOMA IN PAEDIATRIC ORTHOPAEDICS**EXAMINATION PATTERN****Theory Examination:**

PAPER I	PAPER II	PAPER III
ANATOMY PHYSIOLOGY	THERAPEUTICS	APPLIED SCIENCES
Section I	Section I	Section I
Q.1. 10 Marks Q.2. 10 Marks Q.3. 10 Marks Q.4. 10 Marks Q.5. 10 Marks Total 50 Marks	Q.1. 10 Marks Q.2. 10 Marks Q.3. 10 Marks Q.4. 10 Marks Q.5. 10 Marks Total 50 Marks	Q.1. 10 Marks Q.2. 10 Marks Q.3. 10 Marks Q.4. 10 Marks Q.5. 10 Marks Total 50 Marks
Section II	Section II	Section II
Q.6. 10 Marks Q.7. 10 Marks Q.8. 10 Marks Q.9. 10 Marks Q.10. 10 Marks Total 50 Marks	Q.6. 10 Marks Q.7. 10 Marks Q.8. 10 Marks Q.9. 10 Marks Q.10. 10 Marks Total 50 Marks	Q.6. 10 Marks Q.7. 10 Marks Q.8. 10 Marks Q.9. 10 Marks Q.10. 10 Marks Total 50 Marks
Section I + II = 100 Marks	Section I + II = 100 Marks	Section I + II = 100 Marks
Total Theory = 300 Marks, Passing = 150 (i.e. 50%) Marks in aggregate		

Practical Examination:		Marks
Paper - IV	Clinical Practical	100
Paper - V	Oral & Viva	100
Paper - VI	Case	100
Total Marks	(Aggregate marks for passing is 50% out of total.)	300

BOOKS:

Tachdjian's Paediatric orthopaedics.in Children. owski. Benjamin Jos

ce of paediatric orthopaedics – Lynn.StaheliA&B.

Lovell and Winter's Paediatrics.

Rockwood and Wilkins Fractures

Skeletal trauma in Children, Green and Swiontk

Paediatric Orthopaedics: A System of Decision-Making - eph .Practice