

# THE CORE CURRICULUM

## Introduction

This is a summary of the topics which you should be comfortable in discussing at the end of your final medical rotation in Paediatrics. You should have a differential diagnosis, a list of defining symptoms and signs and a plan for investigation for each of the following. You should be able to discuss an initial management plan for the more common disorders.

## Growth and Development

- Failure to Thrive
- Short stature
- Precocious puberty
- Childhood obesity

## Gastroenterology and Nutrition

- Persistent vomiting
- Acute and Chronic diarrhoea
- Constipation
- Acute abdominal pain
- Jaundice
- Infant feeding difficulties

## Neonatology

- Neonatal encephalopathy/birth asphyxia
- Respiratory distress
- Management of a premature infant
- Intrauterine growth restriction
- Neonatal jaundice
- Infant of a diabetic mother
- Cyanotic newborn
- The hypotonic "floppy" infant

## Paediatric Neurology

- Comatose child
- Febrile convulsions
- Non-febrile seizures
- Micro or macrocephaly
- Cerebral palsy
- Recurrent headache
- Neural tube defects

## Neurodevelopment

- Global developmental delay
- Isolated speech delay
- Delayed walking (isolated gross motor delay)
- Behaviour disorders of childhood: autism, ADHD, anorexia

## Orthopaedics/Rheumatology

- Acute limp in a child
- Polyarthritis
- Bone deformities e.g. talipes equino varus, pes planus, genu valgum, scoliosis

## Cardiac

- A cardiac murmur
- Cyanotic newborn
- Cardiac failure in an infant or child

## Respiratory/ENT

- Upper respiratory tract infection
- Otitis media
- Acute stridor
- Wheezing infant and child
- Chronic cough
- Recurrent respiratory infections
- Cervical lymphadenopathy
- Cystic fibrosis

## Oncology

- Acute leukaemia
- Neuroblastoma
- Intracranial malignancies
- Wilm's tumour
- Retinoblastoma

## Haematology

- Pallor/anaemia
- Petechial rash

## Endocrine and Metabolic

- Hyperglycaemia: type 1 diabetes
- Hypoglycaemia
- Screened metabolic disorders

### **Infection, Allergy and Immunology**

- Febrile child
- Sepsis and Meningitis
- Recurrent infection
- Food allergy
- Eczema
- Immunisation

### **Nephrology/Urology**

- Urinary tract infections: management and investigation of vesico-ureteric reflux
- Acute renal failure/haemolytic uraemic syndrome
- Acute nephritis/nephrotic syndrome
- Undescended testis
- Enuresis

### **Ophthalmology**

- Child with a squint
- Acute conjunctivitis in a neonate

### **Genetics**

- Dysmorphic child
- Child with Trisomy 21

### **Child protection**

- Suspected non-accidental injury
- Injury prevention
- Burns and scalds
- Sudden Infant Death