

M3 Pediatric Clerkship: General Pediatric OUTPATIENT Intended Learning Objectives

Knowledge: The student will learn:

Health Supervision/Prevention

- 1) Describe the components of a health supervision visit including health promotion and disease and injury prevention, the appropriate use of screening tools, and immunizations
- 2) Describe how risk of illness and injury change during growth and development and give examples of the age and development related illnesses and injuries
- 3) Discuss the indications and appropriate use of the following screening tests:
 - Developmental Screening
 - Hearing and Vision Screening
 - Lead Screening
 - Anemia Screening
 - TB testing
 - Oral Health Screening
- 4) Describe the rationale, general indications and contraindications for childhood immunizations
- 5) Define anticipatory guidance and describe how it changes based on the age of the child

Growth

- 1) Describe variants of growth in healthy children, (e.g. familial short stature and constitutional delay).
- 2) Identify growth that deviates from expected patterns, based on the family growth history and the child's previous growth (e.g. microcephaly, macrocephaly, short stature, obesity, growth abnormalities related to specific physical findings).
- 3) Identify failure to thrive and overweight/obesity using BMI and other growth measures and outline the differential diagnosis and initial evaluation.

Development

- 1) Describe the 4 developmental domains of childhood and an appropriate screening tool
- 2) Describe how abnormal findings on the development screening would suggest a diagnosis of developmental delay

Behavior

- 1) Be able to differentiate between normal childhood behavior versus the typical presentation of common behavior problems and issues in different age groups
- 2) Describe the typical presentation of common behavioral problems and issues in different age groups

Nutrition

- 1) Describe the signs and symptoms of common nutritional deficiencies in infants and children and how to prevent them.
- 2) Identify children with specific or special nutritional needs (e.g. prematurity, failure to thrive, obesity)
- 3) Describe nutritional factors that contribute to the development of childhood obesity and to failure to thrive

Common Acute Pediatric Illnesses

- 1) List the age appropriate differential diagnosis for pediatric patients presenting with each of the following symptoms, physical findings or laboratory findings:
 - Abdominal Pain or Mass
 - Anemia
 - Cough/Wheeze

- Diarrhea
 - Fever with rash or without a source
 - Headache
 - Heart Murmur
 - Hematuria or Proteinuria
 - Lethargy or Irritability
 - Limp or Extremity Pain
 - Otagia
 - Ophthalmologic complaints (red eye, strabismus, white pupillary reflex)
 - Rash, including bruising, petechiae or purpura
 - Sore Throat
 - Vomiting
- 2) Describe the epidemiology, clinical, laboratory and radiographic findings of each of the core pediatric level conditions listed above

Skills: The student will demonstrate competence in:

- 1) **Communication Skills:** Demonstrate an ability to provide age-appropriate anticipatory guidance about nutrition, behavior, immunizations, injury prevention and pubertal development. Write an appropriate note for the outpatient encounter.
- 2) **History Taking:** Obtain a dietary history in children of different ages and provide nutritional advice to families. Perform an age-appropriate history pertinent to the presenting complaint of the child. Demonstrate ability to assess psychosocial, language, physical maturation, and motor development in pediatric patients using appropriate resources. Identify behavioral and psychosocial problems of childhood using the medical history.
- 3) **Physical Exams:** Perform an age-appropriate exam pertinent to the presenting complaint of the child
- 4) **Clinical Problem Solving:** Demonstrate ability to measure and assess growth including height/length, weight and head circumference and body mass index in patient encounters using standard growth charts

Professionalism: See overall ILO's