

Course description

2022-2023

This course description provides a necessary summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he has made the most of the available learning opportunities. It must be linked to the program description.

1. Teaching Institution	University of Basra
2. University Department / Centre	College of medicine / department of pediatric
3. Program Title	Dr. Meaad Kadhum Hassan Al-asfoor
4. Modes of Attendance offered	
5. Term / year	2022 / 2023
6. No. of annual teaching hours	Fifth; theory (75) practical (40) Sixth ; 10 Units - (8) Weeks
7. Date of production / revision of this specification	1 / 9 / 2023

Aims of programme

Lectures and learning objectives

1. Approach to a child with anemia

- Review a systematic approach to the differential diagnosis to a child with anemia
- Review key aspects of history, physical and lab evaluation and put a plan for initial management

2. Iron deficiency anemia, megaloblastic anemia and G6PD deficiency

- Identify the etiology and/or pathophysiology
- Presenting signs and symptoms
- Initial laboratory test and/or imaging studies indicated for diagnosis
- Plan for initial management

3. Sickle cell disease

- Identify epidemiology and pathophysiology
- Natural history of the disease
- Presenting signs and symptoms
- Initial laboratory tests indicated for diagnosis
- Plan for the management of the common crises and complications of the disease

4. Thalassemia and aplastic anemia

- Identify the etiology and pathophysiology of thalassemia, and aplastic anemia
- Natural history of the disease
- Presenting signs and symptoms
- Initial laboratory tests indicated for diagnosis
- Management
- Prognosis

9. Learning Outcomes Teaching, Learning and Assessment Methods

A. Cognitive goals

- 1- Demonstration of common pediatric problems in form of problem solving cases linked with the theoretical lectures.
- 2- Skills and competencies :
 - The importance of knowing how to deal and interview with children and their parents or other caregiver

- Be aware of the importance of how to give information that important and relevant to the child
- Be able to explain to parents about their child illness and, when needed, to provide reassurance,
- To take every opportunity to talk to parents, child companion about preventive measures and health promotion .

3 -Attitudes and conduct:

- The student needs to develop attitude and behave in such a way to minimize pain ,
- respect child privacy, confidentiality, and consent and understand parental feelings and concerns

4- Communicator skills

The student needs to should be able to demonstrate appropriate communication techniques when obtaining a history and performing the physical examination, taking into consideration the child's age, gender and the family's cultural social-economic and educational differences and acknowledge patient and family concerns in a sensitive manner.

B.The skills goals special to the program

At the end of the clinical course, **Fifth- year students** should know the following:

I. History: General pediatrics and neonatal history.

II.Physical Examination: It includes:

General Measurements: including anthropometric measurements (height; weight; head circumference, arm span, skin fold thickness and mid arm circumference) and vital signs.

Skills obtained during training of **Sixth- year students**

- Appropriately order and interpret laboratory tests to identify hematologic parameters according to the pediatrics age groups
- Evaluate and manage a child with acute hemolytic anemia as G6PD deficiency
- Evaluate and manage a child with chronic hemolytic anemias as thalassemia syndrome
- Evaluate patients with sickle cell disease and manage the common complication
- Be able to manage acute and chronic pain with analgesia for patients with sickle cell disease
- Demonstrate therapeutic agents and devices relevant to hematologic practice like iron chelation therapy , desferal pump, WBC filter ,blood transfusion set and clotting factor concentrates
- Know the indications for transfusion and appropriately order blood products
- Know the signs and symptoms of a transfusion reaction and develop an effective treatment plan
- Evaluate a child or adolescent with suspected pancytopenia

Teaching and Learning Methods

1-Lectures (problem based learning)

2-Clinical sessions (small group teaching)

Sixth year training

2- Seminar on "principle of communication skills"

3- Mini talk introduce by students and make interactive discussion between the student about therapeutic feeding ,oral rehydration solution and growth measurement

4 – Teaching the student skills in pediatric resuscitation (IPLS)

5 – Training in primary health center "Nutrition assessment"

7- The student learned how to deal with emergency complication of severe acute malnutrition-

Assessment Methods

1.Daily assessment during clinical session

2.Mid and final year written examination includes

* Best of Five (Single-Best –answer) question

* Problem -solving cases

* Extended –matching questions

3.Clinical examination includes OSCE at the end of the course

<p>C.Affective and value goals</p> <p>Students need to:</p> <ol style="list-style-type: none"> 1.Demonstrate appropriate communication techniques necessary in obtaining a complete history and perform the physical examination, 2. Behave in a professional and ethical manner at all times. Demonstrate integrity, honesty and respect for others including patients, their families and caregivers, and members of the health care team. 3. Engage in ongoing self-directed learning.
<p>Teaching and Learning Methods</p> <ol style="list-style-type: none"> 1-Theoretical lectures on principles of ethics in pediatrics 2-Demonstration of proper communication skills by tutor before each clinical course
<p>-Assessment methods</p> <ol style="list-style-type: none"> 1-Daily assessment 2-Inter professional with the other colleague 3-Building a Rapport in OSCE stations 4-Assessment of communication skills 5- Quizzes (for 5th year students)
<p>D.General and Transferable Skills (other skills relevant to employability and personal development)</p> <ol style="list-style-type: none"> 1. D. 3. D.

11.Infrastructure	
<p>Books prepared by the branch</p> <ol style="list-style-type: none"> 1. History taking and physical examination 2. Learning objectives 3. Pediatric syllabus 	<p>Required textbook</p> <p style="text-align: right;">*</p> <ul style="list-style-type: none"> •Illustrated Textbook Of Pediatrics, by Tom Lissauer and Graham Clayden Supplementary readings: •Nelson Essentials of Pediatrics
	<p>Main references (sources)</p> <p>-</p> <p>-</p> <p>-</p>
	<p>Recommended books and references (scientific journals reports)</p> <p>-</p> <p>-</p> <p>-</p>
	<p>Electronic references - websites</p> <p>- E .Learning Website</p>

<p>12.Course development plan</p> <p>Student Center Learning -</p>
