



MEDICAL UNIVERSITY - PLEVEN

ИМЕ НА ОСНОВНО ЗВЕНО

DISTANCE LEARNING CENTRE

DEPARTMENT OF PEDIATRICS

PRACTICAL EXERCISES – THESES

FOR E- LEARNING IN PEDIATRICS

ENGLISH MEDIUM COURSE OF TRAINING

SPECIALTY OF MEDICINE

ACADEMIC DEGREE: MASTER

PROFESSIONAL QUALIFICATION: DOCTOR OF MEDICINE

PREPARED BY DR. STANIMIRA ELKINA, PHD

PRACTICAL EXERCISES – THESES

PRACTICAL EXERCISES – TOPIC

UNDERNUTRITION

PRACTICAL EXERCISES – THESES

1. Students to learn the definition of undernutrition and hypotrophy.
2. To be introduced to etiology and pathogenesis of hypotrophy.
3. To be familiarized with the clinical features of protein-energy malnutrition (PEM)
4. To accomplished the diagnostic process of hypotrophy
5. Treatment plan for a child with hypotrophy.
6. Clinical case presentation.

PRACTICAL EXERCISES – TASKS

1. Definition of undernutrition (hypotrophy) according to: The WHO (World Health Organization) and ASPEN (The American Society for Parenteral and Enteral Nutrition). Differentiation between protein-energy malnutrition (PEM), marasmus and kwashiorkor.
2. To be able to determine the etiological factors for undernutrition and to know the classification of hypotrophy.
3. To discuss the pathogenesis of PEM and kwashiorkor.
4. To be trained in taking history of a child with hypotrophy – pregnancy history, dietary mistakes, physical development, infections and other diseases of the child, familial history.
5. To be able to determine the predisposing factors and causes for hypotrophy.
6. To be able to undergo a physical examination of a hypotrophic child: anthropometry (height, weight, BMI), skin turgor and elasticity, skinfold thickness.
7. To establish the stage of the hypotrophy according to clinical features and of body weight loss percentage.
8. To plan a diagnostic approach /laboratory and instrumental studies/.
9. To create a complex treatment plan for a pediatric patient with severe hypotrophy – diet, rehydration.
10. To resolve a clinical task.

PRACTICAL EXERCISES – VENUE AND MATERIALS

- Department of Pediatrics, UMHAT - Pleven
- Pediatric lectures
- Clinical task and MCQs