



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

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PRACTICAL EXERCISES – THESES

PRACTICAL EXERCISES – TOPIC

PHYSICAL GROWTH AND DEVELOPMENT

PRACTICAL EXERCISES – THESES

1. Students to learn the definition of growth and maturation.
2. To know the main factors of development
3. To be able to assess the evaluation criteria for physical growth and maturation
4. Clinical case presentation.

PRACTICAL EXERCISES – TASKS

1. Definition of physical growth. Phases of growth.
2. Definition of maturation.
3. Discussion of endogenous factors of physical development: genetic, hormonal, nervous system etc.
4. Discussion of exogenous factors of physical development: nutrition, infectious diseases, socio-economic etc.
5. Evaluation criteria for physical development: height, body weight, head and chest circumferences (methods to measure, calculate and evaluate them – formulas, charts etc.), height velocity (CDC charts), subcutaneous adipose tissue
6. Evaluation criteria for maturation: bone age (Greulich and Pyle atlas), dentition, pubertal development (Tanner stages).
7. To be trained to evaluate growth and maturation of children at different ages.

PRACTICAL EXERCISES – VENUE AND MATERIALS

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