



**MEDICAL UNIVERSITY - PLEVEN**

**ИМЕ НА ОСНОВНО ЗВЕНО**

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**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**

#### ***TUBERCULOSIS IN CHILDREN***

### **PRACTICAL EXERCISES – THESES**

1. Students to learn the definition of tuberculosis (TB) in children
2. To be acquainted with etiology of TB
3. To be familiarized with the clinical symptoms of TB in children at different age.
4. To accomplished the diagnostic process of TB
5. Treatment plan of TB in childhood.
6. Clinical case presentation.

### **PRACTICAL EXERCISES – TASKS**

1. Definition and stages of tuberculosis in children – exposure, latent TB infection and TB disease
2. To know the epidemiology and etiology of TB – Mycobacterium tuberculosis (bacteria), air spread infection
3. To discuss the mechanism of TB infection.
4. Classification of TB in pediatrics.
5. To be trained in taking history of a child suspected for TB – clinical manifestation (cough, hemoptysis, fever, rash, lymphadenopathy etc.)
6. To be able to perform a physical examination of a pediatric patient with TB infection.
7. To know the possible differential diagnosis of TB disease.
8. To plan a diagnostic approach /laboratory and instrumental studies/. Mantoux test, Quantiferon test and T-spot test
9. To creat a complex treatment regimen for a pediatric patient with TB – Isoniazid, Rifampicin, Pyrazinamide, Aminoglycoside, Ethionamide
10. Outcomes and Complications of TB in pediatrics patients
11. Prevention of TB disease

### **PRACTICAL EXERCISES – VENUE AND MATERIALS**

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