



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

FOREIGN BODY ASPIRATION

PRACTICAL EXERCISES – THESES

Foreign body aspiration can be life-threatening emergency or can cause chronic complications. Student to learn:

1. Clinical signs of foreign body aspiration.
2. To analyze history, physical examination and imaging findings.
3. Indications for bronchoscopy

PRACTICAL EXERCISES – TASKS

1. Background – accident, organic (seeds, nuts) and artificial (toys, coins) aspirated objects
2. To know the epidemiology – male:female = 2:1; at 1-3 years of age;
3. Pathophysiology - total obstruction, partial obstruction of airways or “ventil” mechanism of obstruction; atelectasis, emphysema, bleeding; more often in right bronchi
4. Clinical presentation – “respiratory drama” = episode of choking with cough, cyanosis, tachypnea etc
5. To be able to analyze physical findings in foreign body aspiration – stridor, fixed or localized wheezing, diminished breath sound, cyanosis.
6. Possible differential diagnosis.
7. To plan a diagnostic approach – blood gas analysis, chest X-ray, fluoroscopy (mediastinal shifting), bronchoscopy
8. Treatment – bronchoscopy with foreign body extraction, surgery, antibiotics, bronchodilators.
9. Outcomes and Complications
10. Clinical case presentation.

PRACTICAL EXERCISES – VENUE AND MATERIALS

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