**FACULTATEA DE MEDICINĂ**

**DEPARTAMENTUL CLINIC 4 PATOLOGIE CARDIO-TORACICĂ**

1. **Disciplina Pneumologie- Spitalul Universitar de Urgenţă ELIAS**

**Postul ŞEF DE LUCRĂRI, poziţia 3**

**TEMATICA**

1. **Boli ale căilor aeriene**
   1. Astmul (inclusiv astmul ocupațional)
   2. Bronhopneumopatia obstructivă cronică (inclusiv ocupațional)
   3. Boli genetice ale căilor aeriene (deficitul de alfa-1 antitripsină, fibroza chistică, diskinezia ciliară primitivă)
   4. Bronșiectazii (altele decât fibroza chistică)
   5. Tusea cronică
   6. Boli rare ale căilor aeriene
2. **Boli pulmonare infiltrative difuze**
   1. Fibroza pulmonară idiopatică
   2. Pneumopatii interstițiale difuze idiopatice (altele decât fibroza pulmonară idiopatică)
   3. Pneumonia în organizare (criptogenică și secundară)
   4. Sarcoidoza
   5. Pneumonite de hipersensibilitate (inclusiv ocupaționale)
   6. Pneumoconioze și alte boli respiratorii ocupaționale (cu excepția astmul, BPOC, cancer și pneumonite de hipersensibilitate)
   7. Pneumopatii medicamentoase și induse de iradiere
   8. Pneumonii eozinofilice (inclusiv sindromul hipereozinofilic)
   9. Boli respiratorii orfane
3. **Infecții respiratorii**
   1. Traheobronșita acută
   2. Pneumonia comunitară
   3. Gripa și alte infecții respiratorii virale (inclusiv COVID-19)
   4. Pneumonia nosocomială și alte infecții respiratorii asociate asistenței medicale
   5. Abcesul pulmonar
   6. Patologie respiratorie indusă de fungi și paraziți
   7. Infecții respiratorii la pacienți imunodeprimați (inclusiv tuberculoza pulmonară)
4. **Boli micobacteriene**
   1. Tuberculoza: epidemiologie, etiopatogenie
   2. Diagnosticul tuberculozei (inclusiv tuberculoza copilului, tuberculoza pulmonară și extrapulmonară)
   3. Tratamentul tuberculozei (inclusiv tuberculoza chimiorezistentă)
   4. Infecția tuberculoasă latentă
   5. Micobacterioze pulmonare non-tuberculoase
5. **Boli neoplazice**
   1. Cancerul pulmonar
   2. Alte tumori pulmonare
   3. Nodulul solitar pulmonar
   4. Metastazele pulmonare
   5. Mezoteliomul pleural
   6. Alte tumori pleurale (inclusiv metastaze pleurale)
   7. Tumori mediastinale și de perete toracic
   8. Determinări intratoracice în hemopatiile maligne
6. **Boli vasculare pulmonare**
   1. Tromboembolismul pulmonar
   2. Hipertensiunea pulmonară
   3. Vasculite pulmonare și hemoragia alveolară difuză
   4. Malformații vasculare pulmonare
7. **Patologia somnului și a controlului ventilației**
   1. Sindromul de apnee obstructivă în somn
   2. Sindromul de apnee centrală în somn
   3. Sindroamele de hipoventilație alveolară
   4. Respirația disfuncțională și sindroamele de hiperventilație
8. **Insuficiența respiratorie și terapie acută respiratorie**
   1. Urgențe respiratorii
   2. Sindromul de detresă respiratorie acută
   3. Insuficiența respiratorie acută
   4. Sepsis și șocul septic
   5. Insuficiența respiratorie cronică
9. **Patologia pleurală, mediastinală și de perete toracic (non-neoplazică)**
   1. Pleurezii
   2. Pneumotorax
   3. Deformări ale peretelui toracic
   4. Boli neuromusculare
   5. Boli diafragmatice
10. **Alte**
    1. Afectarea pulmonară în boli sistemice
       1. imunodeficiențe primare
       2. imunodeficiențe secundare și tratament imunosupresor
       3. boli cardiace
       4. boli gastrointestinale, hepatice și renale
       5. boli hematologice
       6. obezitate
       7. colagenoze
    2. Patologie pleuro-pulmonară ocupațională (principii generale)
    3. Patologia respiratorie în sarcină
    4. Altitudine, scufundări, călătoria cu avionul
    5. Fumatul de țigarete
    6. Poluarea de interior și de exterior

**BIBLIOGRAFIE GENERALA**

1. [www.uptodate.com](http://www.uptodate.com/)
2. ERS/ATS technical standard on interpretive strategies for routine lung function tests – <https://erj.ersjournals.com/content/60/1/2101499>

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**A. Boli ale căilor aeriene**

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\*GOLD 2023: <https://goldcopd.org/wp-content/uploads/2023/01/GOLD-2023-ver-1.2-7Jan2023_WMV.pdf>

\*Pharmacologic Management of Chronic Obstructive Pulmonary Disease An Official American Thoracic Society Clinical Practice Guideline -<https://www.atsjournals.org/doi/pdf/10.1164/rccm.202003-0625ST>

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**B. Boli pulmonare infiltrative difuze**

\* Diagnosis of IPF: An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline Implementation Tools - <https://www.atsjournals.org/doi/full/10.1164/rccm.201807-1255ST>

\*An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline: Treatment of Idiopathic Pulmonary Fibrosis. An Update of the 2011 Clinical Practice Guideline - <https://www.atsjournals.org/doi/full/10.1164/rccm.201506-1063ST>

\* An Official American Thoracic Society/European Respiratory Society Statement: Update of the International Multidisciplinary Classification of the Idiopathic Interstitial Pneumonias – 2013 - <https://www.atsjournals.org/doi/abs/10.1164/rccm.201308-1483ST?role=tab>

\*Diagnosis and Detection of Sarcoidosis. An Official American Thoracic Society Clinical Practice Guideline - <https://www.atsjournals.org/doi/full/10.1164/rccm.202002-0251ST>

\*ERS clinical practice guidelines on treatment of sarcoidosis - <https://erj.ersjournals.com/content/58/6/2004079>

\*Diagnosis of Hypersensitivity Pneumonitis in Adults: An Official ATS/JRS/ALAT Clinical Practice Guideline - <https://www.atsjournals.org/doi/full/10.1164/rccm.202005-2032ST>

**C. Infecții respiratorii non-micobacteriene**

\*ERS/ESICM/ESCMID/ALAT guidelines for the management of severe community-acquired pneumonia – <https://erj.ersjournals.com/content/61/4/2200735>

\* International ERS/ESICM/ESCMID/ALAT guidelines for the management of hospital-acquired pneumonia and ventilator-associated pneumonia

<https://erj.ersjournals.com/content/50/3/1700582>

\*Diagnosis and Treatment of Adults with Community-acquired Pneumonia: An Official ATS/IDSA Guideline Implementation Tools - <https://www.atsjournals.org/doi/full/10.1164/rccm.201908-1581ST>

**D. Boli micobacteriene**

\*GHID METODOLOGIC DE IMPLEMENTARE A PROGRAMULUI NAŢIONAL DE PREVENIRE, SUPRAVEGHERE ȘI CONTROL AL TUBERCULOZEI ȘI ALTOR MICOBACTERIOZE – 2022 – Monitorul Oficial - <https://marius-nasta.ro/wp-content/uploads/2022/05/GHID-METODOLOGIC-DE-IMPLEMENTARE-A-PROGRAMULUI-NATIONAL-DE-PREVENIRE-SUPRAVEGHERE-SI-CONTROL-AL-TUBERCULOZEI-SI-ALTOR-MICOBACTERIOZE.pdf>

\*Treatment of nontuberculous mycobacterial pulmonary disease: an official ATS/ERS/ESCMID/IDSA clinical practice guideline - <https://erj.ersjournals.com/content/56/1/2000535>

\*Treatment of Drug-Resistant Tuberculosis. An Official ATS/CDC/ERS/IDSA Clinical Practice Guideline - <https://www.atsjournals.org/doi/full/10.1164/rccm.201909-1874ST>

\*Official American Thoracic Society/Centers for Disease Control and Prevention/Infectious Diseases Society of America Clinical Practice Guidelines: Treatment of Drug-Susceptible Tuberculosis - <https://www.thoracic.org/statements/resources/tb-opi/treatment-of-drug-susceptible-tuberculosis.pdf>

\*ERS/ECDC Statement: European Union standards for tuberculosis care, 2017 update – <https://erj.ersjournals.com/content/51/5/1702678>

**E. Boli neoplazice**

\*ESR/ERS statement paper on lung cancer screening - <https://erj.ersjournals.com/content/erj/55/2/1900506.full.pdf>

\*Lung cancer: diagnosis and management - <https://www.nice.org.uk/guidance/ng122>

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**F. Boli vasculare pulmonare**

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\*ERS statement on chronic thromboembolic pulmonary hypertension - <https://erj.ersjournals.com/content/57/6/2002828>

**G. Patologia somnului și a controlului ventilației**

\*Clinical Practice Guideline for Diagnostic Testing for Adult Obstructive Sleep Apnea: An American Academy of Sleep Medicine Clinical Practice Guideline – 2017 - <https://jcsm.aasm.org/doi/10.5664/jcsm.6506#d1e549>

\*Treatment of Adult Obstructive Sleep Apnea with Positive Airway Pressure: An American Academy of Sleep Medicine Clinical Practice Guideline – AASM – 2019 - <https://jcsm.aasm.org/doi/10.5664/jcsm.7640>

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\*Evaluation and Management of Obesity Hypoventilation Syndrome An Official American Thoracic Society Clinical Practice Guideline - <https://www.atsjournals.org/doi/pdf/10.1164/rccm.201905-1071ST>

**H. Insuficiența respiratorie și terapie acută respiratorie**

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**I. Patologia pleurală, mediastinală și de perete toracic (non-neoplazică)**

\*ERS/ESTS statement on the management of pleural infection in adults - <https://erj.ersjournals.com/content/erj/early/2022/09/30/13993003.01062-2022.full.pdf>

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