लोक सेवा आयोग

नेपाल स्वास्थ्य सेवा, मेडिसिन समूह, चेष्ट डिजिजेज उपसमूह, अधिकृत एघारौं (११) तहको (खुल्ला र आन्तरिक) प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम

Paper II : Technical Subject

1. **Tuberculosis**
   1.1. Pulmonary
   1.2. Extra -pulmonary, CNS, bone, lymph node, abdominal, genito-urinary TB
   1.3. Sign and symptoms
   1.4. Investigation
   1.5. Management
   1.6. MDR- TB deferential diagnoses management

2. **Pneumonias**
   2.1. CAP (Community Acquired Pneumonias)
   2.2. HAP (Hospital Acquired Pneumonias)
   2.3. Aspiration /Ventilator VAP pneumonia
   2.4. Atypical pneumonia
   2.5. Sign and symptoms
   2.6. Investigation
   2.7. Differential diagnosis
   2.8. Treatment
   2.9. Complication of pneumonia
   2.10. Criteria for hospital admission
   2.11. Criteria for intubation

3. **Bronchogenic Cancinoma**
   3.1. Types
   3.2. Presentation
   3.3. Sign and symptoms
   3.4. Investigation - invasive and non- invasive
   3.5. Cancer marker
   3.6. Treatment modalities
   3.7. Rehabilitation - Cancer and Respiratory

4. **Occupational lung diseases and Allergic Manifestation**
   4.1. ILDS / Bronchial Asthma
   4.2. Sign and symptoms
   4.3. Investigation
   4.4. TBLB
   4.5. Treatment

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5. **Pulmonary Oedema / Non- Candiogenic Pulmonary Oedema**
   5.1. Sign and symptoms
   5.2. Investigation
   5.3. Treatment
   5.4. Ventilatory support

6. **Causes and Management of the following:**
   6.1. Haemoptysis
   6.2. Breathlessness
   6.3. Pleural Effusion
   6.4. Cyanosis

7. **Surgical Problems**
   7.1. Pre operative assessment
   7.2. Post operative care

8. **Critical care medicine: principles and procedures**
   8.1. Acute respiratory failure
   8.2. ICU protocols
   8.3. Cardiopulmonary resuscitation
   8.4. Endotracheal intubation
   8.5. Withdrawal of ventilatory support
   8.6. Declaration of death/breaking the news

9. **Sleep related problems**
   9.1. Sleep apnea syndrome
   9.2. Management of tracheal stenosis