

**Dr: Rasha Mohammad Hendy**

**Qualifications:**

**MRCPUK SPECIALITY CERTIFICATE IN RESPIRATORY MEDICINE, 2024.**

**Doctorate of Chest Diseases and Tuberculosis**, Faculty of Medicine, Benha University, Egypt, (2014).

**Master of Chest Diseases and Tuberculosis** (grade: very good), Benha University, Egypt, (2009).

**Bachelors of Medicine and General Surgery** (overall estimate: very good) Faculty of Medicine, Benha University, Egypt (2003).

**Professional experience:**

**Assistant professor of chest diseases, (2019)**

**Consultant and Lecturer of Chest Diseases and Tuberculosis:** Benha University Hospital, Egypt (2014 to 2016).

**Specialist and Assistant Lecturer of Chest Diseases and Tuberculosis:** Benha University Hospital, Egypt (2009 to 2014).

**Teaching Assistant of Chest Diseases and Tuberculosis:** Benha University Hospital, Egypt (2008 to 2009).

**Resident of Chest Diseases and Tuberculosis:** Benha University Hospital, Egypt (2005 to 2008).

**Intern,** Benha University Hospital, Egypt, (2004).

**Scientific Researches:**

- Assessment of DOTS in Benha University Hospital.
- Evaluation of humoral immunity in Bronchiectasis.
- Evaluation of Primary Health Care service participation in the National Tuberculosis Control Program in Menofya Governorate.
- Prevalence of concealed and overt chronic renal failure in patients with COPD.
- Mannose-binding lectin in patients with pulmonary tuberculosis: Active and inactive.
- Assessment of neutrophil to lymphocyte percentage in asthmatic patients.
- Assessment of serum electrolytes (sodium, potassium, and ionized calcium) during chronic obstructive pulmonary disease Exacerbation.
- Role of lactate dehydrogenase and other biomarkers in predicting prognosis of community-acquired pneumonia.
- Diagnostic role of interleukin -33 in the differentiation of pleural effusions especially tuberculous and malignant effusions
- Periodic limb movement index and severity of obstructive sleep apnea
- Hematological parameters as predictors of OSA severity
- Correlation of obstructive sleep apnea severity and lipid profile level.

- Comparative evaluation of chest ultrasonography and computed tomography as predictors of malignant pleural effusion Clinical skills.
- Evaluation of serum uric acid in COPD patients.
- Diaphragm ultrasound in patients with interstitial lung disease.
- Assessing the relation between vitamin D and Asthma severity.
- Correlation of HBA1c with COPD severity.

### **Clinical skills**

- Diagnosis and management of airway diseases including asthma, COPD, bronchiectasis, and bronchiolitis.
- Diagnosis and management of respiratory infections including pneumonia and tuberculosis.
- Diagnosis and management of interstitial lung diseases including occupational lung diseases.
- Diagnosis and management of pulmonary vascular diseases including pulmonary hypertension, pulmonary embolism, pulmonary vasculitis, and alveolar hemorrhage.
- Diagnosis and management of pleural diseases including pleural effusion and pneumothorax.
- Diagnosis and management of sleep-disordered breathing including obstructive and central sleep apneas.
- Management of critical respiratory disorders including respiratory failure; ARDS and massive pulmonary embolism in the respiratory critical care unit.
- Doing bronchoscopy, BAL and biopsy for diagnosing different respiratory disorders including tumors.

### **Attended conferences:**

- The 49th Annual International Conference of the Egyptian Society of Chest -Diseases and Tuberculosis (2007).
- The 51st International Congress of the Egyptian Society of Chest Diseases & Tuberculosis (2009). - Conference on Update in Chest Diseases (2012).
- The Annual International Conference of Zagazig Chest Department (2013). The 6th Annual Congress of Chest Department –Benha University (2013).
- The 55th International Congress of the Egyptian Society of Chest Diseases & Tuberculosis (2014).
- The 7th Annual Congress of Chest Department –Benha University (2014).
- The 8th Annual Congress of Chest Department –Benha University (2015).
- Regional Annual Assembly of ESSB (2018).
- ERS conference (2019).
- ERS conference (2020).
- ERS conference (2021).

- STS conference (2021).
- STS conference (2022).
- STS conference (2023).
- STS conference (2024).
- ECMEC conference (2025).