



DR TAREK ESSAWY

PULMONOLOGIST

CONTACT

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- Riyadh -saudi arabia

SKILLS

- Working understress and dealing with Catastrophic situtaions.(worked as a CEO of Banha university hospitals during the COVID pandemic
- People Management and leadership.
- Strong negotiation skills and anger management

LANGUAGES

- Arabic (Fluent)
- English (Good)



EDUCATION

Medical School

- Faculty of Medicine, Benha University (1995-2001)
Degree: Medical Bachelor & Bachelor of Chirurgie (M.B., B.Ch.)
Overall Grade: Very Good
Internship completed at Benha University Hospital - 2003

postgraduate studies

- M.Sc. in Chest Diseases and Tuberculosis, Benha University (May 2006)
Overall Grade: Very Good
Thesis: Evaluation of Non-Invasive Positive Pressure Ventilation as a Method of Weaning from Mechanical Ventilation
- M.D. in Chest Diseases and Tuberculosis, Benha University - 2012
Overall Grade: Very Good
Thesis: The Role of Gun Needle Biopsy in the Diagnosis of Peripheral Lung Lesions



WORK EXEPIENCE

- Pulmonology Consultant, Hammadi Hospital, Riyadh, KSA 2024 - PRESENT
- Professor, Chest Diseases Department, Benha University Hospitals 2022 - PRESENT
- Assistant Professor, Chest Diseases Department, Benha University Hospitals 2017 - 2022
- Chest Consultant, Chest Diseases Department, Benha University Hospitals 2012 - 2017
- Chest Specialist, Chest Diseases Department, Benha University Hospitals 2006 - 2012
- Ain shams university hospital fellowship, chest intensive care unit. 2004 - 2006
- Chest Resident, Benha university hospitals. 2003 -2004
- Intern, Benha university hospital. 2002 - 2003

SOCIETY MEMBERSHIP

- **Active Member in ERS (European Respiratory society)**
Has actively contributed as Co-author (one of PIs) in a multi-country, cross sectional SABINA 3 study, that is published by the ERS
 - **Active Member in the ESCDT (Egyptian society of chest disease and tuberculosis)**
Active contribution in multiple publications as Principal investigator 2014, 2015,2016.
 - **Active Member in ATS (American Thoracic Society)**
 - **Active Member in STS (Saudi Thoracic society).**
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ADMINISTRATIVE SERVICES

- Medical Director, Kuwaiti Specialized Hospital (January 2023-November 2024)
 - Director of Strategic Plan Unit, Benha Faculty of Medicine. December 2021- November 2024
 - Diploma in Hospital Management, Sadat Academy (2022) 2022-2023
 - Executive Director, Benha University Hospitals. June 2019- January 2021
 - General Manager, Benha University Hospital. April 2019- June 2019
 - Medical Director, Benha University Hospital. March 2018- April 2019
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SCIENTIFIC ACTIVITIES

- Successfully completed a TOT on the Go teaching and assesment course, Recongnized by the saudi commission for health specialties.
 - Certified as **clinical and medical reviewer at springer Nature 2024**
 - Coordinator for the annual meeting of the chest diseases departement, Banha school of medicine
 - General secertery of Banha annual congress of chest diseases for 2019 – 2021.
 - Recognized by standford university for **the best 2% Researchers for 2024 (264 Citation, h-index 7)** in Pulmonology with i10 index equals 4 and H index equals 6 and total number of citations 106..
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CLINICAL EXPERIENCE

Pulmonary Function Tests:

- Performing and interpreting all PFTs, including lung volumes, capacities, and diffusion capacity Preoperative assessment of PFTs for thoracic surgery patients
Pulmonary Function Lab Manager, Benha University Medical Center

Mechanical Ventilation & ICU Management:

- Respiratory Care Unit Manager, Benha University Hospital (2 years) Critical Care Department Supervisor, Benha University Hospital (2 years) Trained at Respiratory Care Unit, Ain Shams University Hospital (6 months) Worked in the ICU at Ghamra Military Hospital (1 year)
 - Central and arterial lines
 - CV lines
 - Endobronchial intubation
 - Tracheostomy tube care
 - Invasive and non-invasive mechanical ventilation

Bronchoscopy

1. Diagnostic: Bronchial lavage, bronchoalveolar lavage, bronchial brushing, and endobronchial lung biopsy
2. Therapeutic - Foreign body removal - Laser therapy for lung cancer - Cryotherapy

Pleural procedures

1. Thoracocentesis (Diagnostic & Therapeutic)
2. Pleural biopsies (Cope needle & Abrams needle)
3. Image-guided biopsies (Ultrasound or CT-guided)

Pulmonary Hypertension

- Manager of Pulmonary Hypertension Unit & Right Cath Lab, Benha University Hospital.

lung Cancer Management:

- Team Leader of Multidisciplinary Lung Cancer Team, Benha University Hospital.

Ultrasound in Pulmonary Medicine

- Team Leader of Ultrasound Unit, Benha University Hospital, Chest Department
Experience in image-guided biopsies for chest diseases.

PUBLICATIONS CLINICAL RESEARCH

1. The role of ultrasound in assessment of positive end-expiratory pressure-induced lung recruitment in acute respiratory distress syndrome patients.
Full text available on ResearchGate. (2023)
2. Short-acting β_2 -agonist prescriptions are associated with poor clinical outcomes of asthma: the multi-country, cross-sectional SABINA III study (sponsored study).
European Respiratory Journal. DOI: <https://doi.org/10.1183/13993003.01402-2021> (2022)
3. The assessment of the diagnostic accuracy of bedside lung ultrasound in critically ill respiratory failure patients. Biomedical and Pharmacology Journal. (2023)
4. Integrated use of transthoracic ultrasound and echocardiography in evaluating patients with chronic obstructive pulmonary disease. (2022). The Egyptian Journal of Hospital Medicine.
5. Effect of different modes of mechanical ventilation on chronic obstructive pulmonary disease patients with respiratory failure regarding echocardiographic changes. (2022). Benha Medical Journal.
6. Evaluation of lipoarabinomannan in the diagnosis of tuberculosis. (2022). Benha Journal of Applied Sciences.
7. Effect of acute kidney injury on weaning from mechanical ventilation in chronic obstructive pulmonary disease patients with respiratory failure. (2022). Full text available on ResearchGate.
8. The impact of comorbidities on the outcomes of Egyptian COVID-19 patients: A follow-up study. (2021). Journal of Environmental and Public Health.

9. Ultrasound assessment of diaphragmatic thickness in chronic obstructive pulmonary disease patients as a predictor for disease severity. (2021). Benha Medical Journal.
10. Assessment of subclinical carotid atherosclerosis in patients with chronic obstructive pulmonary disease. (2021). Benha Journal of Applied Sciences.
11. Study of sleep apnea syndrome in patients with congestive heart failure attending sleep laboratory at Benha University Hospital. (2020). Full text available on ResearchGate.
12. Evaluation of serum vitamin D and IgE in patients with bronchial asthma. (2016). Egyptian Journal of Bronchology.
13. Assessment of tuberculosis situation in Cairo governorate from 2006 to 2012 after application of directly observed therapy short-course strategy. (2016). Egyptian Journal of Bronchology.
14. Study of the *Helicobacter pylori* infection in chronic obstructive pulmonary disease. (2016). Egyptian Journal of Chest Diseases and Tuberculosis.
15. Evaluation of primary health care service participation in the National Tuberculosis Control Program in Menofya Governorate. (2016). Egyptian Journal of Chest Diseases and Tuberculosis.
16. Evaluation of primary health care service participation in the National Tuberculosis Control Program in Qalyubia Governorate, Egypt. (2015). Egyptian Journal of Chest Diseases and Tuberculosis.
17. Comparative study between using Lowenstein Jensen, Bio-FM media, and Mycobacteria Growth Indicator Tube (MGIT) system in identification of *Mycobacterium tuberculosis*. (2014). Egyptian Journal of Chest Diseases and Tuberculosis.
18. Study of anti-nuclear and anti-smooth muscle antibodies in patients with chronic obstructive pulmonary disease. (2014). Egyptian Journal of Chest Diseases and Tuberculosis.
19. Study of serum Granzyme B in heavy cigarette smokers with and without chronic obstructive pulmonary disease. (2014). Egyptian Journal of Chest Diseases and Tuberculosis.