

Hesham Atef Abdel-Halim Zidan

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Education:

- **MD in chest medicine** (2002-2007) Ain Shams University
“A comparative study between Noninvasive positive pressure ventilation and conventional mechanical ventilation in management of chronic obstructive pulmonary disease patients with acute respiratory failure”
- **MSc in chest medicine** (1995- 1999) Ain Shams University
“Measurement of Vanillyl Mandelic Acid in 24 Hours Urine in Patients with Obstructive Sleep Apnea Syndrome”
- **M.B., B.Ch. in medicine** (1994) Ain Shams University

Affiliations and Practical Experience:

- Professor of pulmonary medicine, Faculty of medicine, Ain Shams University. November 2018- present.
- Assistant professor of pulmonary medicine, Faculty of medicine, Ain Shams University. November 2012- 2018.
- Consultant of pulmonary medicine, Saudi German Hospital Cairo. December 2016- present.
- Associate Consultant of Pulmonary medicine, Dar al Fouad Hospital April 2013- December 2016.
- Chest Unit Director, Ain Shams University Specialized Hospital. October 2010- October 2011.
- Lecturer of pulmonary medicine, Faculty of medicine, Ain Shams University. October 2007- November 2012.
- Consultant of pulmonary medicine, Ain Shams University Specialized Hospital. October 2007 – present.

- Senior Registrar of Pulmonary medicine, Dar al Fouad Hospital April 2008- April 2013.
- Registrar of Pulmonary medicine, Dar al Fouad Hospital November 2003 – April 2008.
- Assistant lecturer of pulmonary medicine, Faculty of medicine, Ain Shams University. April 2004 - October 2007.
- Respiratory Intensive Care Specialist, Respiratory Intensive Care Unit, Abbassia Chest Hospital, November 1999 - November 2003.
- Intensive Care Specialist, Intensive Care Unit, Ganzoury Hospital. Jan. 2001- Dec. 2001.
- Chest Diseases Resident, Chest Department and Respiratory Intensive Care Unit, Ain Shams University Hospital. March 1997 - March 2000.
- Intern at Ain Shams University Hospitals. March 1995- February 1996.

Research- related experience:

- Introduction to the Clinical Drug Development Process: ICH Good Clinical Practice for Clinical Trial Sites (July 9, 2015)
Completed 6 modules.
- Principle investigator in the international non-interventional study: Evaluation of Asthma Management in Middle East North Africa Adult Population (ESMAA)
- Principle investigator in the international non-interventional study: A Cross-Sectional Study of Patients with Severe COPD to Assess Patient Perception of Symptom Variability in MEA Countries.

Publications:

- Heba H Abo ElNaga and **Hesham Atef AbdelHalim**. “Prevalence of Post COVID-19 Syndrome among Egyptian Patients”. EC Pulmonology and Respiratory Medicine 12.4 (2023): 41-50.
- MM Ahmed, **HA AbdelHalim**, ET Aziz, RM El-Shorbagy. Outcomes and complications of medical thoracoscopy in undiagnosed exudative pleural effusion. Egyptian Journal of Bronchology 2016; 10 (2), 93
- MS ElBouhy, **HA AbdelHalim**, MS Boshra. Prevalence and diagnosis of

extrapulmonary tuberculosis in Assuit Chest Hospital. The Egyptian Journal of Chest Diseases and Tuberculosis 2020; 69 (1), 12-15

- YESEB Khaled M. Wagih, **Hesham A. AbdelHalim**. Chest ultrasound patterns in patients with pulmonary tuberculosis with and without HIV. The Egyptian Journal of Chest Diseases and Tuberculosis 2020; 69 (2), 421–428
- MM Ahmed, **HA Abdelhalim**, RMM Elamir. Pulmonary function before and after surgical correction of scoliosis. The Egyptian Journal of Bronchology 2021; 15 (1), 25
- MEA Mona Mansour Ahmed, **Hesham A. AbdelHalim**, Amr Mounir Shoukri. Role of GeneXpert in diagnosing tuberculous pleural effusion compared with thoracoscopic pleural biopsy. The Egyptian Journal of Chest Diseases and Tuberculosis 2020; 69 (2), 380–385
- MAS Faramawy, **HA Abdelhalim**, MM Mohamad. Use of spirometry as an objective tool in diagnosis and management of airway obstruction among patients diagnosed and treated with chronic obstructive lung disease or asthma. The Egyptian Journal of Chest Diseases and Tuberculosis 2019; 68 (4), 546-551
- MM Ahmed, GM El-Assal, **Hesham A. Abdelhalem**, RGM Mohamed. Assessment of the value of mesothelin in differentiating between different pleural malignancies by different interventional modalities. The Egyptian Journal of Chest Diseases and Tuberculosis 2022; 71 (3), 380
- Nisreen N.K. Gadalla, LailaA Helala, **Hesham A. Abdelhalem**. Study of hypogammaglobulinemia in patients with chronic obstructive pulmonary disease. The Egyptian Journal of Chest Diseases and Tuberculosis 2022; 71 (1), 59
- Heba H. Abo ElNaga, **Hesham A. AbdelHalim**, Mohamed Abdellatif, Haroun BG, Basem Elnagdy, Taghreed Ashraf, Bahaa ElNaggar, Eldin Passant S, Ismail TA, Beshoy Mosaad, Tasbeeha Ismail, Rasmy Boules, Shawky Methuselah, Paula Rafaat. Wallop of Symptoms and Co-morbidities on COVID-19 Outcome. The open respiratory medicine journal 2021; 15, 46-51
- MM Khalil, **HA AbdelHalim**, GY Salem. Comparison between Xpert MTB/RIF threshold cycle value and smear microscopy of bronchial lavage for diagnosis of pulmonary tuberculosis in bronchoscoped patients. The Egyptian Journal of Chest Diseases and Tuberculosis 2021; 70 (2), 168
- **Hesham A. AbdelHalim**, Heba H. AboElNaga. Serum uric acid levels and uric acid/creatinine ratios: affordable biomarkers for predicting chronic obstructive pulmonary disease severity and exacerbations. Egyptian Journal of Chest Diseases and Tuberculosis 2018; 67 (3): 231.
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Riham L Agour. Chronic

obstructive pulmonary disease exacerbations and periodontitis: a possible association. *Egyptian Journal of Bronchology* 2018; 12 (3): 303-309.

- **Hesham A. AbdelHalim**, Heba H. AboElNaga. Acute exacerbation of COPD with pulmonary embolism: a new D-dimer cut-off value. *Egyptian Journal of Chest Diseases and Tuberculosis* 2017; doi: 10.1016/j.ejcdt.2017.01.008
- **Hesham A. AbdelHalim**, Heba H. AboElNaga. Is renal impairment an anticipated chronic obstructive pulmonary disease comorbidity? *Respiratory Care* 2016; 61(9): 1201-1206.
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Karim A. Fathy. Comparison between active cycles of breathing with postural drainage versus conventional chest physiotherapy in subjects with bronchiectasis. *Egyptian Journal of Chest Diseases and Tuberculosis* 2016; 65(1): 157-165.
- Mohamed A. Tag El-Din, **Hesham A. Abd-El Halim**, Aboda M. El-Tantawy. Adverse reactions among patients being treated for multi-drug resistant tuberculosis in Egypt from July 2006 to January 2009. *Egyptian Journal of Chest Diseases and Tuberculosis* 2015; 64, 657–664.
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Ahmed M. ElMansoury. Effect of truncal obesity on airway resistance. *Egyptian Journal of Bronchology* 2015; 9: 133-139.
- Mohammed S. Elbouhy, **Hesham A. AbdelHalim**, Ahmed M.A. Hashem. Effect of respiratory muscles training in weaning of mechanically ventilated COPD patients. *Egyptian Journal of Chest Diseases and Tuberculosis* 2014; 63, 679–687.
- Mona M. Ahmed, **Hesham A. Abdelhalim**, Nora A.H. El Kholy. Cut-off value of pleural fluid C-reactive protein in etiologic diagnosis of pleural fluid. *Egyptian Journal of Chest Diseases and Tuberculosis* 2014; 63, 617–623.
- Laila A., Khaled W., **Hesham A. AbdelHalim**, Walid B., Dina F. Assessment of respiratory muscles' performance in patients with chronic renal failure immediately before and after hemodialysis. *Egyptian Journal of Bronchology* 2014; 8(2): 100-107.
- Adel M. Saeed, Gehan M. El Asaal, **Hesham A. Abd El Halim**, Shaymaa A. Ahmad. Evaluation of the cardiopulmonary status using a noninvasive respiratory profile monitor in chronic obstructive lung disease patients during low-ventilation strategy. *Egyptian Journal of Bronchology* 2014; 8(1): 44- 50.
- **Hesham A. AbdelHalim**, Heba H. AboElNaga. Thrombocytosis at time of hospitalization is a reliable indicator for severity of CAP patients in ICU. *Egyptian Journal of Chest Diseases and Tuberculosis* 2012; 61(3): 145–

149.

- Mohammed A. Faramawy, **Hesham A. AbdelHalim**, Dalia A. Embaby. Assessment of Self-Medication in Chronic Obstructive Pulmonary Disease and Bronchial Asthma Patients. *Egyptian Journal of Chest Diseases and Tuberculosis* 2012; 61(1): 11-16.
- Magdy M. Khalil, **Hesham A. AbdelHalim**, Mohammed M. Nassef. The impact of an education session on management of asthmatic children. *Egyptian Journal of Chest Diseases and Tuberculosis* 2011; 60(4)
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Yomna K. Mohammed. Risk of Insulin resistance in COPD patients. *Egyptian Journal of Chest Diseases and Tuberculosis* 2011; 60(4)
- **Hesham A. AbdelHalim**. Obstructive Sleep Apnea: Impact on male bioavailable testosterone level. *Egyptian Journal of Chest Diseases and Tuberculosis* 2011; 60(3): 292-297.
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Nermine M. Riad. Impact of the clinical status, pulmonary function test on the nutritional status of COPD patients. *Egyptian Journal of Chest Diseases and Tuberculosis* 2011; 60(3): 61-65.
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Nehad M. Osman. Obstructive Sleep Apnea and Metabolic Syndrome: Independent Prothrombotic Risks. *Egyptian Journal of Chest Diseases and Tuberculosis* 2010; 59(4)
- **Hesham A. AbdelHalim**, Heba H. AboElNaga. Early detection of small airway dysfunction in normal smoker subjects. *Egyptian Journal of Chest Diseases and Tuberculosis* 2010; 59(3)
- **Hesham A. AbdelHalim**, Heba H. AboElNaga, Tarek M. Wahby. Assessment of the role of High Resolution CT phenotyping in differentiating COPD patients in relation to Spirometry measures. *Egyptian Journal of Chest Diseases and Tuberculosis* 2010; 59(2)
- Hazem F. AboElHamayed, **Hesham A. AbdelHalim**. Diagnosis of pulmonary embolism: Comparison of thin-collimation multi-detector row spiral CT and planar ventilation-perfusion scintigraphy. *Egyptian Journal of Radiology and Nuclear Medicine* 2008; 39(2): 455-465.

Case Reports:

- Foreign body aspiration imitating a difficult-to-treat asthma. Mohammed A. Tag ElDin, **Hesham A. AbdelHalim**. *The Egyptian Journal of Chest Diseases and Tuberculosis* 70 (1), 150
- Mohammed A. Tag ElDin, Osama M. Hetta, **Hesham A. AbdelHalim**. AV

- malformation. Egyptian Journal of Chest Diseases and Tuberculosis 2010; 59(2)
- Ahmed A. El-Masry, Ibrahim Dwedar, **Hesham A. Abdel-Halim**, Riham Hazem. Common variable immune deficiency syndrome. Egyptian Journal of Chest Diseases and Tuberculosis 2014; 63(3): 747–748.
 - Ahmed A. El-Masry, Ibrahim Dwedar, **Hesham A. Abdel-Halim**, Riham Hazem. Marfan syndrome. Egyptian Journal of Chest Diseases and Tuberculosis 2013; 62(1): 197–199.

Reviewer Experience:

Reviewer for the following medical journals:

- Respiriology.
- Respiratory Care Journal.
- Global Journal of Health and Science
- Egyptian Journal of Bronchology.
- International Journal for Diagnostic Imaging
- Journal of community Medicine & Health Education. (**Medical Sciences**)
- Pediatrics & Therapeutics. (**Medical Sciences**)
- Journal of Sleep disorders and therapy (**Medical Sciences**)
- Journal of nursing and care (**Medical Sciences**)
- Journal of Lung Diseases and Treatment. (**Biomedical Sciences**)
- Journal of Infectious Diseases & Preventive Medicine. (**Biomedical Sciences**)
- Global Journal of Life Sciences and Biological Research. (**Longdom Journals**)

Editor experience:

Member of Editorial Board of:

- Global Journal of Life Sciences and Biological Research (GJLSBR), (**Longdom Journals**) [Editor and Reviewer]
- EC Pulmonology and Respiratory Medicine Journal.
- Thinkershub Journal of Nursing.
- Journal of Pulmonary and Respiratory medicine: Open access.
- SRL Pulmonary and Respiratory Medicine Journal.
- Allied academies journal.
- SM Journal of Pulmonary medicine.
- Scientia Ricerca Open Access.
- Open Journal of Asthma.
- International Journal of General Medicine.

- The Open Respiratory Medicine Journal.
- Journal of Respiratory Disorders.
- Journal of Lung Diseases and Treatment.
- Chronic Obstructive Pulmonary Disease: Open Access.

Membership in Societies:

- European Respiratory Society.
- Egyptian Society of Chest Diseases and Tuberculosis.
- Egyptian Society of Bronchology.
- Ain Shams University Ethical Committee.
- Arab Society of Infectious Diseases.
- Egyptian Resuscitation Council.

References:

Available when requested.