

Curriculum Vitae

Prof. Hoda Ahmed Makhoulf

Personal photo



Current Position and Address:

Professor of Chest Diseases, Department of Chest Diseases and Tuberculosis, Assiut University Hospital, Assiut, Egypt.

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Personal Information

Date & Place of birth:	02 / 02 / 1968 in Bany Ady, Assiut, Egypt.
Nationality:	Egyptian.
Marital status:	Single
Current Position in Egypt	Professor of Chest Diseases, Department of Chest Diseases and Tuberculosis, Assiut University Hospital. Assiut, Egypt.

Graduate and Postgraduate Education Degrees

Year	Degree
1992	Bachelors of Medicine (MB ChB), Faculty of Medicine, Assiut University, Assiut, Egypt.
1998	Master Degree ((MSc) in Chest Diseases, Faculty of Medicine, Assiut University, Assiut, Egypt.
2004	Medical Doctorate (MD) in Chest Diseases, Faculty of Medicine, Assiut University, Assiut, Egypt.
2009	Assistant professor in in Chest Diseases, Faculty of Medicine, Assiut University, Assiut, Egypt.
2014	Professor of in Chest Diseases, Faculty of Medicine, Assiut University, Assiut, Egypt.

Postgraduate Training

Year-Year	Training Type (Residency/fellowship) Institution, City, Country
1993-1997	Residency, Chest Diseases and Tuberculosis, Assiut University Hospital, Assiut, Egypt
1997-2004	Specialist training, Chest Diseases and Tuberculosis, Assiut University Hospital, Assiut, Egypt.
2006	Smoking cessation in a respiratory medicine setting. European Respiratory Society, Munich, Germany
2006	Cre Curriculum Respiratory physiology interpreting lung function in health and disease. European Respiratory Society, Munich, Germany

Professional Experience

Year	Position, Department, Institution, City, Country
1993- 1994	House Officer, Assiut University Hospital, Assiut Egypt.
1994-1997	Resident, Department of Chest Diseases, Assiut University Hospital, and Faculty of Medicine. Assiut, Egypt.
1997-1998	Clinical demonstrator, Department of Chest Diseases, Assiut University Hospital, and Faculty of Medicine. Assiut, Egypt.
1998-2004	Assistant lecturer & registrar, Department of Chest Diseases. Assiut University Hospital & Faculty of Medicine. Egypt.

2004-2009	Lecturer in Chest Diseases, Assiut University Hospital, Faculty of Medicine, Assiut, Egypt.
2009- 2014	Assistant Professor in Chest Diseases, Assiut University Hospital, Faculty of Medicine, Assiut, Egypt.
2014- Now	Professor in Chest Diseases, Assiut University Hospital, Faculty of Medicine, Assiut, Egypt.

Certification

Year	Certificate name
1992	MB ChB
1998	MSc
2004	MD
2009	Assistant Professor
2014	Professor

Registration and Licensure

Year-year	Registration/licensure name
1993- Now	Egyptian Medical Syndicate, Physician
2006- Now	Egyptian Medical Syndicate, Consultant in Chest Diseases and Tuberculosis

Memberships

Year-year	Status, Professional society name
2005-Now	Member, Egyptian Society of Chest Diseases and Tuberculosis
2005- Now	Member, Egyptian Scientific Society of Bronchology
2006-2010	Member European Respiratory Society (ERS)
2010-2011	Gold Member, European Respiratory Society (ERS)

Awards and Grants

Year	Award
2006	European Respiratory Society (ERS) Silver Sponsorship for accepted and published research
2007	European Respiratory Society (ERS) Silver Sponsorship for accepted and published research
2013	European Respiratory Society (ERS) Silver Sponsorship for accepted and published research

Publications

Full Papers

1. **Makhlouf HA**, Mohamed-Hussein AAR, Ibrahim MEAA, Wafy SM, Elmelegy NT, Ashry MA. Role of Nitric Oxide in Hepatopulmonary Syndrome. The Egyptian Journal of Chest Diseases and Tuberculosis 2005; 54(1, 2):245-255.
2. El Sokkary RT, **Makhlouf HA**, Shams Eldin H .Role of Phlebotomy in Manegment of Respiratory Failure. The Egyptian Journal of Chest Diseases and Tuberculosis 2005; 54(3, 4):504-512.
3. Wafy SM, **Makhlouf HA**, Ahmed MA Mohamed KA, Darweesh AM. Neuropsychological Status and Quality of Life in Patients with Chronic Obstructive Pulmonary Disease. The Egyptian Journal of Chest Diseases and Tuberculosis 2006; 55(3):55-63.
4. **Makhlouf HA**, Wafy SM, Ahmed MA. Mohamed KA, Darweesh AM. Cognitive Functions in Patients with Chronic Obstructive Pulmonary Disease. The Egyptian Journal of Chest Diseases and Tuberculosis 2006; 55(4):46-53.
5. Hassan L and **Makhlouf HA**. Risk Factors for Near-Fatal Asthma. The Egyptian Journal of Chest Diseases and Tuberculosis 2007; 56(1.2):1-10.

6. Ghanem M, Elkholy M, **Makhlouf H**. Nutritional Status and its Impact on the Outcome in Critically ILL COPD Patients. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2007; 56(3):83-92.
7. **Makhlouf HA**, AL-Gezawy EMA. Value of Interferon-Gamma (INF- Γ), Adenosine Deaminase (ADA) and Interleukin-6 (Il-6) in Diagnosis of Tuberculosis. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2007; 56(4):24-30.
8. **Makhlouf HA**, Hassan L, EL-Shinawy O, Rashed HG. Severe community acquired pneumonia: Clinical and aetiological evaluation. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2008; 57(1):131-137.
9. **Makhlouf H**, Elkholy M, Salama S. Ultrasonographic Evaluation of the Diaphragmatic Movement as a New Parameter to Predict Weaning Outcome in Mechanically Ventilated Patients. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2008; 57(1):55-60.
10. **Makhlouf HA**, Agmy GM. Weaning of COPD Patients from Invasive Mechanical Ventilation: A Comparison of Four Methods. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2008; 57(2):137-144.
11. EL-Gezawy EM, **Makhlouf HA**, Nasif KA, Khalil RY .The Association of Tumor Necrosis Factor- α Gene Polymorphism, HLA-DRB 1 and HLA-DQB1 Alleles in Egyptian Patients with Tuberculosis. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2008; 57(2):201-211,
12. **Makhlouf HA**, Helmy A, Fawzy E, El-Attar M, Rashed HG A Prospective Study of Anti-Tuberculous Drug-Induced Hepatotoxicity in an Area Endemic for Liver Diseases. *Hepatology –International* 2008; 2 (3) 353-360.
13. Moustafa EFA, **Makhlouf HA**, Rashed HG, Blum HE. Liver Involvement in Tuberculosis: Biochemical and Ultrasonographic Findings. *Curr. Res. In Hepatology* 2008; 2:73-82.
14. **Makhlouf HA**, Agmy GM. Weaning of COPD Patients from Invasive Mechanical Ventilation: A Comparison of Four Methods. *The Egyptian Journal of Chest Diseases and Tuberculosis* 2008; 57(2):137-144.

15. Agmy G, **Makhlouf HA**, Ghanem M, Omar A, Mohamed HS, Helmy H. CPAP versus BiPAP in Acute Cardiogenic Pulmonary Edema: Experience with 129 patients The Egyptian Journal of Chest Diseases and Tuberculosis 2009; 58 (2).
16. Ghanem MK, **Makhlouf HA**, Agmy GR, Imam, HMK, Fouad DA. Evaluation of recently validated non-invasive formula using basic lung functions as new screening tool for pulmonary hypertension in idiopathic pulmonary fibrosis patients. Ann Thorac Med. 2009; 4(4): 187–196.
17. Hussein K, **Makhlouf HA**, Mahfouz T. Predictive Outcome of Maximal Inspiratory versus Expiratory Pressure on Clinical, Laboratory and Functional Parameters in COPD Patients. The Egyptian Journal of Chest Diseases and Tuberculosis 2010; 59 (3): 85-94.
18. **Makhlouf HA**, Makhlouf NA, Yousef HA. Clinical and Radiological Profile of Geriatric Tuberculosis. The Egyptian Journal of Chest Diseases and Tuberculosis 2010; 59 (4).
19. Sayed SS, Rahman H, **Makhlouf HA**. Improved Left Ventricular Systolic and Diastolic Dysfunction Detected by Tissue Doppler Imaging after Continuous Positive Airway Pressure in Patients with Obstructive Sleep Apnoea. The Egyptian Journal of Chest Diseases and Tuberculosis 2011; 60(1): 1-11.
20. Sayed SS, Rahman H, **Makhlouf HA**. Left Ventricular Dysfunction Detected by Tissue Doppler Echocardiography in Patients with Obstructive Sleep Apnoea. The Egyptian Journal of Chest Diseases and Tuberculosis 2011; 60(1): 128- 136.
21. **Makhlouf HA**, Mohammadien HA, Yousef HA, Hazem HA. Evaluation of Retrobulbar Arterial Blood Flow Changes in Chronic Obstructive Pulmonary Disease by Color Doppler Ultrasonography. Egyptian Journal of Chest Diseases and Tuberculosis 2011; 60 (2): 115-123.
22. **Makhlouf HA**, Metwally M, Makhlouf NA, Rashed H-A G: Double Impact: Difficulties in Treating Patients with Liver Diseases from Tuberculosis. The Egyptian Journal of Chest Diseases and Tuberculosis 2011 (60); (4): 183-191.
23. **Hoda A. Makhlouf**, Sahar E. El-Deek, Tahia H. Saleem, Manal A. Mandour, Nahed A. Mohamed. Malondialdehyde, Superoxide dismutase and Glutathione peroxidase in

- Chronic Obstructive Pulmonary Disease. The Egyptian Journal of Biochemistry and Molecular Biology Special Issue April 2012, 397-421.
24. Makhlof NA, Abdel Azeem A, **Makhlof HA**, Moustafa EA and Abdel Ghany M. Hepatopulmonary Syndrome among Cirrhotic Patients in Upper Egypt: Prevalence, Clinical Presentations and Laboratory Features. Journal of Liver 2012; 1: (3) 1-6.
25. **Makhlof HA**, Morsy KH, Makhlof NA, Nasr Eldin E and Khairy M. Spontaneous bacterial empyema in patients with liver cirrhosis in Upper Egypt: prevalence and causative organisms. Hepatol Int 2013; 7: 274–279.
26. Sahar E. El-Deek , **Hoda A. Makhlof** , Tahia H. Saleem , Manal A. Mandour , Nahed A. Mohamed. Surfactant Protein D, Soluble Intercellular Adhesion Molecule-1 and High-Sensitivity C - reactive protein as Biomarkers of Chronic Obstructive Pulmonary Disease. Med Princ Pract 2013; 22:469–474.
27. Suzan Salama, Amany Omar, **Hoda A. Makhlof**, Shereen Farghaly. Clinical and Polysomnographic Parameters of Obese and Non- obese Patients with Obstructive Sleep Apnea Syndrome: A Cross - sectional Analytic Study. Al- Azhar Assiut Medical Journal 2013; 11 (1) : 98–112
28. Suzan Salama, Emad Kamel, Amany Omar, **Hoda A. Makhlof**, Shereen Farghaly. Role of sleep endoscopy in obstructive sleep apnea syndrome. Egyptian Journal of Chest Diseases and Tuberculosis 2013; 62: 467–473.
29. Ali A. Hasan, **Hoda A. Makhlof**, Alaa R.M. Mohamed. Discrimination between pleural thickening and minimal pleural effusion using color Doppler chest ultrasonography. Egyptian Journal of Chest Diseases and Tuberculosis 2013 ; 62:429–433.
30. Ali A. Hasan, **Hoda A. Makhlof**. B-lines: Transthoracic chest ultrasound signs useful in assessment of interstitial lung diseases. Annals of Thoracic Medicine 2014; 9 (2): 99–103.

Abstracts:

1. **Makhlouf HA**, Mohamed-Hussein AAR, Ibrahim MEAA, Wafy SM, Elmelegy NT, Ashry MA. Role of Nitric Oxide in Hepatopulmonary Syndrome. European Respiratory Journal Volume 28 Supplement 50 2006 P (3155).
2. **Makhlouf HA**, Agmy GM. Weaning of COPD Patients from Invasive Mechanical Ventilation: A Comparison of Four Methods. European Respiratory Journal Volume 28 Supplement 50 2006 P (E291).
3. Wafy SM, **Makhlouf HA**, Ahmed MA , Mohamed KA, Darweesh AM. Neuropsychological Status and Quality of Life in Patients with Chronic Obstructive Pulmonary Disease. European Respiratory Journal Volume 30 Supplement 51 2007 P (614).
4. **Makhlouf H**, Elkholy M, Salama S. Ultrasonographic Evaluation of the Diaphragmatic Movement as a New Parameter to Predict Weaning Outcome in Mechanically Ventilated Patients. European Respiratory Journal Volume 30 Supplement 51 2007 P (1939).
5. Ghanem M, Elkholy M, **Makhlouf H**. Nutritional Status and its Impact on the Outcome in Critically ILL COPD Patients. European Respiratory Journal Volume 34 Supplement 53 2009; 123s.
6. Agmy G, **Makhlouf HA**, Ghanem M, Omar A, Mohamed HS, Helmy H. CPAP versus BiPAP in Acute Cardiogenic Pulmonary Edema: Experience with 129 patients. European Respiratory Journal Volume 30 Supplement 52 2008.
7. **Hoda A Makhlouf**, Ahmed Helmy, Ehab Fawzy, Madiha El-Attar, Hebatallah G Rashed. Prospective evaluation of the incidence, pattern, and predictors of anti-tuberculous drug-induced hepatotoxicity in an area endemic for chronic liver diseases. Presented as a poster in the 43rd European Association for the Study of Liver (EASL), Milan, Italy, April 2008.
8. Ghanem MK, **Makhlouf HA**, Agmy GR, Imam HMK, Fouad DA. Evaluation of recently validated non-invasive formula using basic lung functions as new screening tool for pulmonary hypertension in idiopathic pulmonary fibrosis patients. European

Respiratory Journal Volume 34 Supplement 53 2009 , page 684s (P3847).

9. **Makhlouf HA**, Helmy A, Fawzy E, El-Attar M, Rashed HG. Incidence and predictors of anti-tuberculous drug-induced hepatotoxicity in an area endemic for liver diseases: a prospective study. Presented orally in the 10th Annual Saudi Association of Gastroenterology, 3-5 February, 2009; AL Madinah Al Munawarah, KSA.
10. **Makhlouf H**, Makhlouf N, Yousef AH. Clinical and Radiological Profile of Geriatric Tuberculosis. European Respiratory Journal Volume 2010 Volume (36) Supplement (54) 2010, 548s (P3018).
11. **Makhlouf H**, Mohammadien H, Yousef H, Hazem A. Evaluation of Retrobulbar Arterial Blood Flow Changes in Chronic Obstructive Pulmonary Disease by Color Doppler Ultrasonography. European Respiratory Journal Volume 2010 Volume (36) Supplement (54) 2010, P (3112).
12. Ali A. Hasan, **Hoda A. Makhlouf**. B Comet tail artifact: A transthoracic chest ultrasound sign useful in assessment of interstitial lung diseases European Respiratory Journal 2013; 42:57 (689s) (P3373).
13. Suzan Salama, Emad Kamel, Amany Omar, **Hoda A. Makhlouf**, Shereen Farghaly. Role of sleep endoscopy in obstructive sleep apnea syndrome. European Respiratory Journal 2013; 42 (57): (843s) (P4000).
14. Omar A, Salama S, **Makhlouf HA**, Farghaly S. Depression and anxiety scales: Are they important scales in assessment of obstructive sleep apnea syndrome? European Respiratory Journal 2013;42 (Suppl 57), P402.
15. Ghanem M, Abdel Azeem A, **Makhlouf H**. Diagnostic Accuracy of Transthoracic Chest Ultrasound in Patients With Acute Respiratory Failure. Chest 2013 144 (4_MeetingAbstracts), 374A.
16. Ghanem M, Abdel Azeem A, Makhlouf **H**. Diagnostic accuracy of trans-thoracic chest ultrasonography in patients with acute respiratory failure. European Respiratory Journal 2013; 42 (Suppl 57), P2426.

CLINICAL TRAINING & EXPERIENCES

Chest Department, Assiut University Hospital Egypt (1994-Now) \

I have a great experience in:

- Pulmonary Function Testing
- Chest ultrasonography.
- Diagnostic bronchoscope.
- Diagnosis and treatment of sleep related breathing disorders.
- Respiratory ICU.

REREARCH EXPERIENCES

Major Research Interests:

1. Pathophysiology, complications, systemic effect and management of chronic obstructive pulmonary disease.
2. Pathophysiology, complications, and management of bronchial asthma.
3. Respiratory failure.
4. Pulmonary and extra pulmonary tuberculosis.
5. Diagnosis and treatment of sleep related breathing disorders.
6. Pulmonary function testing.
7. Mechanical ventilation.
8. Interstitial lung diseases.
9. Chest ultrasonography.
- 10.** Pneumonia.
- 11.** Lung cancer.

Master Thesis Research:

Title: Study of Tuberculosis among the Attendants of Chest Out patient Clinic in Assiut University Hospital

Supervised by: Professors Abdel Azeem Aboul Fadl and Atef Faroul Al kern in the Faculty of Medicine, Assiut University, Egypt, 1997

Grade: *excellent.*

MD. Thesis Research:

Title: Role of some Molecular Genetic Changes in Lung Cancer

Supervised by: Hammad El Shahat Hammad, Madeha Zakhary and Ashraf Zin El- Abden Mohamed

Other Research Activities:

- I have been involved in clinical trial [NCT00912158](#) US (Non Invasive Mechanical Ventilation in Acute Cardiogenic Pulmonary Edema).
- I have been involved in the project Medical Diagnostic System Using Self Organizing Data Mining in collaboration with Faculty of Information Technology, Assiut University

Other research skills:

I have mastered all the research skills starting from generating ideas, proposal writing, creating collaborations, study design, data collection, data entry, data analysis and statistics, data interpretation, data presentations, data defending & rebuttal, paper writing, database management.

TEACHING EXPERIENCES

- Teaching Chest Diseases (Lectures and Clinical Rounds) to undergraduate Medical students in Faculty of Medicine, Assiut University.
- Many talks and teaching sessions for residents in Faculty of Medicine, Assiut University.
- Talks and teaching sessions in respiratory ICU for Ministry of Health physicians in Egypt.
- Many talks and teaching sessions for assistant lecturers, Faculty of Medicine, Assiut University
- Teaching Chest Diseases (Lectures) to undergraduate students in Faculty of Clinical Pharmacy, Assiut University.
- Supervision of different Master and MD thesis.

TRAINING & COURSES

1. Medical Statistics & Computing:

- Twenty five hours course in Medical Statistics and data analysis (SPSS), Assiut University; June 2006.

Therefore, I can do and already did for tens of studies with full competence complete statistical analyses including my own studies and theses and those of many of my colleagues using SPSS versions 20.

2. Teaching Skills:

- Two weeks full time course on “Preparation of the University Teacher”, Faculty of Education, Assiut University.
- Quality Assurance and Accreditation training program (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 27-28/5/2006.
- Teaching evaluation program (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 3-5/7/2006.
- Recent trends in teaching program (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 22-23/4/2006.
- Design courses program (10 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 10-11/7/2006.
- Use of technology in teaching Recent trends in teaching program (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 15-17/7/2006.
- Student assessment for medical education training program (15 hour) from Quality Assurance Unit , Faculty of Medicine , Assiut University from 27 /1/2010 to 1 /2/2010.
- Student Evaluation (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 4/6/2012 to 6/6/2012.
- Credit Hour System (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 23/6/2012 to 25/6/2012.

3. Clinical Research & Evidence Based Medicine:

- Management skills training program (15 hour) Assiut University & Faculty of Leadership Development Project (FLDP) from 4-7/6/2005.

- Management of scientific research (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 24-26/12/2005.
- Prepare written scientific research and publishing internationally (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 16-18/12/2006.
- How to Compete for a Research Fund training program (15 hour) from Faculty of Leadership Development Center (Assiut University & Faculty of Leadership Development Project) [FLDP] from 12-14/1/2010 .
- Management of Research Team: A Practical Guide for Medical Researchers (15 hour) from Quality Assurance Unit, Faculty of Medicine, Assiut University from 4/1/2010 to 6.1.2010.
- Evidence Bases Medicine training program (15 hour) from Quality Assurance Unit, Faculty of Medicine, Assiut University from 10 /5/2010 to 12 /5/2010.
- How to Compete for a Research Fund (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 12/12010 to 14/1/2010.
- Research Methodology (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 28/5/2012 to 30/5/2012.
- Conference Organization (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 20/7/2012 to 22/7/2012.
- Code of Ethics (15 hour) from Assiut University & Faculty of Leadership Development Project (FLDP) from 5/4/2012 to 7/4/2012.

4. *Other Miscellaneous Meetings and workshops:*

- ورشة عمل " التدريب على قواعد و آليات ضمان جودة الكتاب الجامعي "
- ندوة "مناقشة تحليل الوضع الداخلي للكلية SWOT"
- ورشة عمل "كيفية إعداد رسالة الكلية و رؤيتها بعد التحديث "
- ورشة عمل " التدريب علي طرق ووسائل التقييم و التدقيق الداخلي علي الامتحانات "
- ورشة عمل " توصيف برامج و مقررات الدراسات العليا "
- ورشة عمل (مجموعات صغيرة) " توصيف برامج و مقررات الدراسات العليا "
- إجتماع فريق الدراسات العليا لمناقشة إعداد الدراسة الذاتية
- إجتماع فريق معيار الدراسات العليا لمراجعة برامج و مقررات الدراسات العليا
- ندوة " تحديث و مناقشة مشروع لائحة الدراسات العليا الجديدة "
- ورشة عمل " مناقشة توصيف برنامج الدكتوراة "

- ورشة عمل " (مجموعات صغيرة) " توصيف برامج الدكتوراة و الماجستير و "اللائحة الجديدة بقسم الأمراض الصدرية"
- ندوة " بخصوص كيفية أعداد المعايير الأكاديمية"
- ندوة " إعداد دليل الممارسة الجيدة لتقييم الطلاب"
- ندوة "المناقشة دليل الممارسة الجيدة في التعليم والتعلم"
- ندوة " لمناقشة التعليم الذاتي"
- ورشة عمل "تفعيل و متابعة التطوير بمقررات الطلاب"
- ندوة " الإحتياجات التدريبية لأعضاء هيئة التدريس"
- ورشة عمل " للمراجعة النهائية لتطبيق برامج اطباء الإمتياز و كراسة الأنشطة"

Presentations and lectures:

1. Invited Lectures and talks

1. "Anti Tuberculous drug induced hepatotoxicity" in 48th Annual International Conference of the Egyptian Society of Chest Diseases and Tuberculosis 2006.
2. Pulmonary function workshop interactive session (A Moderator) in the Workshops update courses in modern pulmonary medicine, Assiut 6-8/ 9/2005.
3. "When to start weaning and what are the predictors of successful weaning "in the ICU workshop interactive session (A Panelist) in the Workshops update courses in modern pulmonary medicine, Assiut 6-8/ 9/2005.
4. "Long term anticoagulant in management of pulmonary embolism" in the 5th Annual Conference of the Egyptian Scientific Society of Bronchology, 14-16/12/2005.
5. "Closed versus thoracoscopic biopsy in diagnosis in diagnosis of pleural diseases" in the 6th Annual Conference of the Egyptian Scientific Society of Bronchology, 6-8/12/2006.
6. ."Update in the diagnosis of pulmonary vascular diseases" Interactive session: Pulmonary Vascular Diseases: Update 2007 in the 7th Annual Conference of the Egyptian Scientific Society of Bronchology, 5-7/12/2007.
7. "Hot Topics in Pulmonary Medicine; Anti Tuberculosis drug induced hepatotoxicity" in the 8th Regional Annual assembly Meeting of the Egyptian Scientific Society of

- Bronchology in collaboration with Saudi Thoracic Society, 2-6/12/2008.
8. "ARDS" in the respiratory ICU training program for Ministry of Health physicians in Egypt, 2007.
 9. "Oxygen Therapy" in the respiratory ICU training program for Ministry of Health physicians in Egypt, 2007.
 10. "Pulmonary Function Tests Interpretation : in Chest Hospital 2008
 11. "Spirometry : Basic principles and Interpretation" in Advanced Hand on Course in Modern Pulmonary Medicine Workshops, Pulmonary function and sleep workshop, the Egyptian Scientific Society of Bronchology in collaboration with Chest Department , Faculty of Medicine, Assiut University , 19-20/ 3/2009.
 12. "Arterial blood gases" in Advanced Hand on Course in Modern Pulmonary Medicine Workshops, Pulmonary function and sleep workshop, the Egyptian Scientific Society of Bronchology in collaboration with Chest Department , Faculty of Medicine, Assiut University , 19-20/ 3/2009.
 13. "Spirometry: Basic principles and Interpretation" A lecture in Chet department, Assiut University, 2009.
 14. "Treatment of Tuberculosis in special situations" in 52th Annual International Conference of the Egyptian Society of Chest Diseases and Tuberculosis from 30/3/2010 to 2/4/ 2010.
 15. "Interactive tuberculosis in 2009 Assiut Session (7) "Controversies in Respiratory Medicine in the Egyptian Scientific Society of Bronchology, 3-5/ 12/2009.
 16. "Interactive session Pulmonary T.B Dubai (32)" Controversies in Respiratory Medicine in Emirate Thoracic Society in collaboration with the Egyptian Scientific Society of Bronchology, 8-12/ 12/2009.
 17. "Treatment of Tuberculosis in special situations" in 4th Annual Conference of the Egyptian Association of Viral Hepatitis (EAVH) in collaboration with the Egyptian Association for the study of Gastrointestinal and Liver Diseases , 19-20/5/2010
 18. "Arterial blood gases" A lecture in Tropical Medicine and Gastroenterology Department , Faculty of Medicine, Assiut University , /2010.
 19. "Respiratory Failure" Faculty of Clinical Pharmacy, Assiut University, 2011.
 20. "Bronchial asthma" Faculty of Clinical Pharmacy, Assiut University, 2011

21. "Antituberculosis drugs and hepatotoxicity " in the 11th Regional Annual assembly of the Egyptian Scientific Society of Bronchology, 13-17/12/2011.
22. "Thrombolytic therapy in pulmonary embolism" Grand round and scientific day every month
23. "Anti-tuberculosis drug-induced hepatotoxicity (Anti - TB - DIH) " Grand round and scientific day every month
24. "Protocols for respiratory ICU (Weaning from mechanical ventilation) " Weekly semina
25. Postgraduate teaching:
 - Case presentation: Airway diseases
 - Arterial blood gases: Basic interpretation
 - Spirometry: Basic principles and interpretation.
 - Oxygen therapy
26. Advanced Hand on Workshops in Pulmonary Function Tests and Seep Medicine, Chest Department, Assuit University in collaboration with Egyptian Scientific Society of Bronchology, 11-13/4/2012.
 - Spirometry: Basic principles and interpretation.
 - Arterial blood gases
27. "TB in liver cirrhosis" in the 1st conference of Chest department , Assuit University 6-8/2/2013.
28. Scientific Meeting of chest Department , Assuit University, 6-8/6/2013
 - When and How to Diagnose Pulmonary Vascular Diseases (Panelist)
 - Tuberculosis in Mind (Moderator)
29. "Tuberculosis in liver cirrhosis" in the 14th Annual conference of tropical Medicine and Gastroenterology Department , Assuit University , 27-30/11/2013.
30. "Spontaneous Bacterial Empyema in Liver Cirrhosis" in in the 13th Regional Annual assembly of the Egyptian Scientific Society of Bronchology, 4-6/12/2013.
31. Chest Department , Assuit University in collaboration with Egyptian Scientific Society of Bronchology, 25-27/12/2013 Advanced Hand on Workshops in Pulmonary Function Tests and Seep Medicine

- Interpretation of Spirometry
32. Pre-employment orientation program 2-7 March 2013
- Master degree credit point bylaw
33. ICU training program in Chest Hospital. 8-22 February 2014
- Oxygen therapy
 - Weaning from mechanical ventilation
34. Pre-employment orientation program 1-8 March 2014
- Master degree credit point bylaw
35. "Tuberculosis in liver cirrhosis" in the 13th Regional Annual assembly of the Egyptian Scientific Society of Bronchology, 3-5/12/2014.
36. "Pulmonary Manifestations of GERD" in the 3rd Society of Integrated Medicine & Sleep Disorders, 12-15/11/2014.
37. Arterial Blood gases: Indications, sampling and processing
38. Home Oxygen Therapy
39. Spirometry General principle & Interpretation

2. Meeting and Conference Presentations (By the author or co-author :


1. **Makhlouf HA**, Mohamed-Hussein AAR, Ibrahim MEAA, Wafy SM, Elmelegy NT, Ashry MA. Role of Nitric Oxide in Hepatopulmonary Syndrome. Presented as poster in 16th ERS Annual Congress, Munich, Germany September 2006.
2. **Makhlouf HA**, Mohamed-Hussein AAR, Ibrahim MEAA, Wafy SM, Elmelegy NT, Ashry MA. Role of Nitric Oxide in Hepatopulmonary Syndrome. Presented as poster in 6th Regional Assembly Meeting, Egyptian Scientific Society of Bronchology, 2006.
3. **Makhlouf HA**, Mohamed-Hussein AAR, Ibrahim MEAA, Wafy SM, Elmelegy NT, Ashry MA. Role of Nitric Oxide in Hepatopulmonary Syndrome. Presented as poster in 48th Annual International Conference of the Egyptian Society of Chest Diseases and Tuberculosis 2006
4. Wafy SM, **Makhlouf HA**, Ahmed MA, Mohamed KA, Darweesh AM. Neuropsychological Status and Quality of Life in Patients with Chronic Obstructive

- Pulmonary Disease. Presented as poster in 17th ERS Annual Congress, Stockholm, Sweden September 2007.
5. Ghanem M, Elkholy M, **Makhlouf H**. Nutritional Status and its Impact on the Outcome in Critically ILL COPD Patients. . Presented as poster 19th ERS Annual Congress, Vienna September 2009.
 6. **Makhlouf HA**, Lamia Hassan L, EL-Shinawy O, Rashed HG. Severe community acquired pneumonia: Clinical and aetiological evaluation. Presented as poster in 6th Regional Assembly Meeting, Egyptian Scientific Society of Bronchology, 2006.
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 9. **Makhlouf HA**, Agmy GM. Weaning of COPD Patients from Invasive Mechanical Ventilation: A Comparison of Four Methods. Presented as poster in 16th ERS Annual Congress, Munich, Germany September 2006.
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 11. Ghanem MK, **Makhlouf HA**, Agmy GR, Imam, HMK, Fouad DA. Evaluation of recently validated non-invasive formula using basic lung functions as new screening tool for pulmonary hypertension in idiopathic pulmonary fibrosis patients. Presented as poster 19th ERS Annual Congress, Vienna September 2009.
 12. **Makhlouf HA**, Makhlouf NA, Hosam A. Yousef HA, Clinical and Radiological Profile of Geriatric Tuberculosis. Presented as poster 20th ERS Annual Congress, Bcelona September 2010.
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14. **Hoda A Makhlof**, Ahmed Helmy, Ehab Fawzy, Madiha El-Attar, Hebatallah G. Rashed. Prospective evaluation of the incidence, pattern, and predictors of anti-tuberculous drug-induced hepatotoxicity in an area endemic for chronic liver diseases. Presented as a poster in the 43rd European Association for the Study of Liver (EASL), Milan, Italy, April 2008.
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16. Ali A. Hasan, **Hoda A. Makhlof**. B Comet tail artifact: A transthoracic chest ultrasound sign useful in assessment of interstitial lung diseases European Respiratory Journal 2013; 42:57 (689s) (P3373).
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19. Ghanem M, Abdel Azeem A, **Makhlof H**. Diagnostic Accuracy of Transthoracic Chest Ultrasound in Patients With Acute Respiratory Failure. Chest 2013 144 (4_MeetingAbstracts), 374A
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Other activities:

المشاركة والمساهمة الفعالة بوحدة ضمان الجودة ومشروع التطوير المستمر والتأهيل للاعتماد بالكلية من خلال 
العمل كعضو للفريق التنفيذي للدراسات العليا بالوحدة.

- ✚ المشاركة والمساهمة الفعالة بوحدة ضمان الجودة ومشروع التطوير المستمر والتأهيل للاعتماد بالكلية من خلال العمل كعضو للفريق الإداري للدراسات العليا بالوحدة.
- ✚ المشاركة والمساهمة الفعالة بوحدة ضمان الجودة ومشروع التطوير المستمر والتأهيل للاعتماد بالكلية من خلال العمل كنائب لوحدة ضمان الجودة.
- ✚ المساهمة الفعالة في إعداد الأئحة الجديدة للدراسات العليا بالكلية.
- ✚ المساهمة في توصيف برامج الدراسات العليا (ماجستير- دكتوراة) وكراسة الأداء و الأنشطة بقسم الأمراض الصدرية.
- ✚ المساهمة في مراجعة برامج الدراسات العليا (ماجستير- دكتوراة) وكراسة الأداء و الأنشطة للأقسام المختلة بالكلية.
- ✚ المشاركة في إعداد كتيب دليل طلاب الدراسات العليا (Postgraduate Student Guidebook).
- ✚ المشاركة في إعداد دليل الدراسات العليا ونظام الإمتحانات طبقا للائحة النقاط المعتمدة.
- ✚ المشاركة في إعداد كتيب إستمارات لحساب النقاط المعتمدة.
- ✚ المشاركة في تصميم إستبيان طلاب الدراسات العليا.