

Ahmad Abdelrehim, Bahieldeen Ahmad

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CLINICAL AND ACADEMIC WORK EXPERIENCES

May 2022 - Present **Clinical Project Coordinator 1**

— Baylor Scott & White Research Institute

— Description

- Work in the Heart Lung Transplantation and Pulmonology Research Department at Baylor University Medical Center, which is one of the largest medical centers in Texas.
- Work with other research team members and principal investigators to define the strategic initiatives, scope, goals, and timelines of the research program.
- Prepare supporting documents, including the clinical protocol, investigator's brochure, case report forms, and informed consent documents.
- Design and implement processes and procedures to ensure the advancement of the program's strategic initiatives.
- Provide guidance to research team members and interact regularly with the research team to determine resource needs, coordinate activities of operational areas, and identify deliverables and target due dates.

12-2019 - 05-2022

Associate Professor of Internal Medicine (Critical Care Unit)

— Internal Medicine Department, Assiut University Hospital, Egypt

— Description

- Took part in undergraduate internal medicine education program, which included updating the curriculum material, giving lectures, clinical-case discussions, setting exam materials, and participating in undergraduate final-year evaluations.
- Took part in the postgraduate internal medicine education program, which included giving lectures, clinical-case discussions, setting exam materials, and participating in thesis discussion committees.
- Supervised 4 MD candidate physicians and 2 Ph.D. candidate physicians, helping them with thesis preparation, including proposing research questions, selecting proper methodologies, data collection, and presentation, coordinating with biostatisticians, and contacting medical journals.
- Took part in the internal medicine education program of the Faculty of Nursery of Assiut University, Egypt.
- Attended daily ICU-patient rounds with residents and fellows, which included case discussions and presentations.

09-2014 - 12-2019

Lecturer of Internal Medicine

— Internal Medicine Department, Assiut University Hospital, Egypt

— Description

- Took part in undergraduate internal medicine education program, which included setting and

updating the curriculum material, giving lectures, as well as doing inpatient rounds, clinical-case discussions, and tutorials.

- Took part in the postgraduate internal medicine education program, which included giving lectures, and doing inpatient rounds, clinical-case discussions, and tutorials.
- Supervised four MD candidates, helping them with thesis preparation, including proposing research questions, selecting proper methodologies, coordinating with biostatisticians and contacting medical journals.
- Improved competency with research methodology and drafting scientific papers.
- Performed detailed trans-thoracic echocardiographic and trans-esophageal echocardiographic examinations and emergency ultrasounds.
- Attended daily ICU-patient rounds with internal medicine and critical care residents and fellows, which included case discussions and presentations.

06-2009 - 09-2014

Fellow of the Internal Medicine Department

— Internal Medicine Department, Assiut University Hospitals, Egypt

— Description

- This was an internal medicine fellowship encompassing sub-specialty units such as the emergency unit, intermediate care unit, medical intensive care unit, and the 36-bed critical care unit
- Worked as an independent critical care physician caring for medical cases, including medical critical patients.
- Was responsible for patient care and discussing care with families.
- Led the code blue team and managed cases in the ER.
- Received advanced training in procedures such as echocardiography, abdominal ultrasound, chest ultrasound, ultrasonic guided pericardiocentesis, pleurocentesis, and peritoneal aspiration.
- Received advanced training in non-invasive and invasive mechanical ventilation.
- Accepted teaching responsibility for internal medicine residents.
- Took part in undergraduate education programs.
- Worked on requirements for the Ph.D. degree.

03-2005 - 06-2009

Resident physician at the Internal Medicine Department

— Internal Medicine Department, Assiut University Hospitals, Egypt

— Description

- Attended internal medicine residency at the busy, 300-bed hospital in Upper Egypt with subspecialty units such as the emergency department, intermediate care unit, and medical intensive care unit.
- Benefited from extensive exposure to subspecialties such as nephrology, cardiology, rheumatology, GIT, and hematology.
- Received advanced training in procedural skills such as IV insertion, endotracheal intubation,

central venous catheter insertion (jugular and subclavian), and urethral catheter insertion, hemodialysis, and lumbar puncture.

- Accepted clinical teaching responsibility for junior residents and fifth-year medical students.
- Attended lectures about internal medicine residency programs.
- Completed my master's degree

03-2004 - 03-2005

Intern at Assiut University Hospital

— Assiut University Hospitals, Egypt

— Description

- Completed internship rotations at Assiut University, which is one of the largest teaching hospitals in Egypt with approximately 3000 beds.
- Rotated to six areas for two months, including internal medicine, pediatrics, general surgery, anesthesia, obstetrics-gynecology, and orthopedic surgery.
- By finishing this program, I completed the prerequisites for the medical certification

ADMINISTRATIVE WORK EXPERIENCES

12-2019 - 08-2021

Supervisor and Assistant Manager of Assiut University Hospital Emergency Department

— Assiut University Hospital, Egypt

— Description

- This is the largest emergency department in Upper Egypt with more than 1000 patients per day.
- Attended daily ED-patient rounds with residents and fellows of internal medicine and critical care medicine, including case discussions and presentations.
- Responsible for training in procedural skills such as IV-line insertion, endotracheal intubation, central venous catheter insertion (jugular and subclavian), and lumbar puncture.
- Performed detailed emergency ultrasound and ultrasonic guided pericardiocentesis, pleurocentesis, and peritoneal aspirations.
- Acquired experience with critical care in a wide variety of respiratory, hematological, renal, and cardiac patients.

08-2021 - 05-2022

Vice Manager of Assiut University hospital Emergency Department

— Assiut University Hospital, Egypt

— Description

- Responsible for doing daily ED patient rounds with residents and fellows of internal medicine and critical care medicine, which included case discussions and presentations.
- Managed ED resources, including, human resources, budget, and all equipment.
- Assessed workers' performance including residents, fellows, nursing staff, and employees.
- Implemented infection control policies.
- Effectively communicate with patients and co-workers in a professional manner.
- Effectively worked in a collaborative manner with the team.
- Worked effectively in a fast-paced environment.

- Demonstrated flexibility and adaptability in the workplace

EDUCATION

01-18-2005	MBBCh Assiut University, Egypt
06-28-2009	Master's degree in Internal Medicine Assiut University, Egypt
09-30-2014	Ph.D. in Internal Medicine Assiut University, Egypt

CERTIFICATIONS

10-23-2019	Passed the USMLE Step 1 with a score of 259
06-02-2021	Passed the USMLE Step 2 CK with a score of 260
08-03-2022	Passed the USMLE Step 2 CK with a score of 241
07-27-2021	Passed TOEFL IBT with a score of 91%
01-21-2022	OET with scores of B's
08/14/2024 Expire D	ACLS Certified,
08/14/2024 Expire D	BLS Certified
06-3-2022	ECFMG certificate

SKILLS

- Proficient in performing detailed trans-thoracic echocardiographic and trans-esophageal echocardiographic examination,
- Proficient in performing Routine and Emergency Abdominal Ultrasound,
- Proficient in performing Routine and Emergency Chest Ultrasound,
- Competent with ultrasonic guided pericardiocentesis, pleurocentesis, and peritoneal aspiration,
- Skilled in fixing the double-way catheters (jugular, subclavian, and femoral), guided by ultrasound,
- Skilled in dealing with dialysis machines,
- Competent in analyzing ECGs,
- Competent in doing CPR and managing cardiac emergencies,
- Expert in non-invasive and invasive mechanical ventilation,
- Competent with research methodology and drafting scientific papers,
- Effectively work in a collaborative manner in a team,
- Work effectively in a fast-paced environment,
- Demonstrates flexibility and adaptability in the workplace.

ACHIEVEMENTS AND PEER-REVIEWED ARTICLES

1. Lobna F. Eltony, Salah A Argoon, **Ahmad B. Elden**: Impact of admission hyperglycemia on post myocardial infarction left ventricular remodeling: 2014, Journal of Medical Science and Clinical research 2(7), 1758-1773.
2. Walaa H. Mohamad, **Ahmad B. Elden**, Wessam Ismail, Mahmoud Abd El-Radi: Primary Sjögren's Syndrome with Granulomatous Interstitial Nephritis: 2015, Journal of Medical Science and Clinical research 3:10 (8016-8020).
3. **Ahmad B. Elden**: Review Article: Post Myocardial Infarction Remodeling: 2015, Journal of Medical Science and Clinical research 3:12 (8735-8744).
4. Lobna Farag El Tony, Salah Abdel-Azeem Argoon, **Ahmad B. Elden**, Walaa A. Khalifa: Intensive Insulin Therapy versus Conventional Insulin Therapy in Post-Myocardial Infarction Left Ventricular Remodeling: 2015, Journal of Medical Science and Clinical research 3:12 (8520-8527).
5. **Ahmad B. Elden**, Walaa H. Mohamad, Muhammad Hosam Magraby: Resistant Hypertension in Hemodialysis Patients: 2016, journal of medical sciences and clinical research 4: 6 (10787-10792).

6. **Ahmad B. Elden**, Mahmoud Ashry, Refaat Fathy: In-Hospital Outcome of Subclinical Right Ventricular Involvement in Patients with Acute Inferior Myocardial Infarction: 2016, journal of medical sciences and clinical research 4: 9 (12621-12627).
7. **Ahmad Bahie Elden**, Mahmoud Ali Mahmoud Ashry, Mostafa Abdullah Haridi, Sara Hussein Abdelrazek: In-Hospital Outcome of Right Ventricular Involvement in Patients with Acute Inferior Myocardial Infarction: 2017, American Journal of Internal Medicine 5(2): 22-25.
8. Walaa H Mohammad, **Ahmad Bahie Elden Ahmad**, Noha G Sayed: Association of serum fibroblast growth factor-23 with conventional cardiovascular risk factors in hemodialysis patients: 2017, Journal of The Egyptian Society of Nephrology and Transplantation 17: 4 (115-118).
9. Walaa H. Mohammad MD, **Ahmad B. Ahmad**, Muhammad H. Al-Maghraby, Mohamed Z. Abdelrhman, Sanaa Ezzate: Is neutrophil-lymphocyte ratio a novel biomarker for macrovascular and microvascular complications of type 2 diabetes? 2019, The Egyptian Journal of Internal Medicine 31 (1-7).
10. Walaa H Ibrahim, **Ahmad B Ahmad**, Noha G Sayed: Association of Serum Fibroblast Growth Factor-23 with Doppler Pulse Wave Velocity in Hemodialysis Patients: 2018, Saudi Journal of Kidney Disease and Transplantation 29: 1 (95-100).
11. **Bahie E.A Ahmad**, Hosny W Mohamad, Gaber Noha: FGF-23 is independently associated with LVMI in HD patients: 2018, Kasr Al Ainy Medical Journal 24: 3 (122-126).
12. Walaa H.M Ibrahim, Mostafa G Aly, **Ahmad B Ahmad**, Noha G Sayed, Heba S Galal, Muhammad H Al-Maghraby: T-reg cells in type 2 diabetic nephropathy: 2019, Journal of The Egyptian Society of Nephrology and Transplantation 19: 1 (19-23).
13. Mohamed F Abdelghany, Walaa H Mohamad, **Ahmad B Elden**: Pulmonary Hypertension in Hemodialysis Patients: 2020, The Egyptian Journal of Chest Diseases and Tuberculosis 69: 1 (235-241).
14. Walaa H Mohammad, **Ahmad B Elden**, Mohamed F Abdelghany: Chest Ultrasonography for assessment of Volume Status in Hemodialysis Patients: 2019, Saudi Journal of Kidney Disease and Transplantation 31: 4 (805-813).
15. **AB Elden**, MF Abdelghany, MK Ahmed, D Tarek: Cardiac Dysfunction Indices and Their Prognostic Value in Acute Exacerbation COPD Patients: 2019, Egyptian Journal of Critical Care Medicine: 2020, Egyptian Journal of Critical Care Medicine 7 (1), 10-16.
16. Taghreed Sayed Meshref, Refaat Fathi Abd El- Aal, Mahmoud Aly Ashry, Hisham Mostafa Imam, **Ahmad B. Elden**: Impact of Stress Hyperglycemia on Myocardial Salvage in Patients with ST-Elevation Myocardial Infarction: Cardiac Magnetic Resonance Study: 2020, Indian Heart Journal 72(5).
17. Osama Ahmad Ibrahim, **Ahmad B. Ahmad**, Dalia Ahmad Nigm, Asmaa Nady Hussien & Walaa H. Mohammad Ibrahim: Subclinical atherosclerotic predictive value of inflammatory markers in thalassemia intermedia patients: 2021, Expert Review of Hematology 14 (72021), 669-677.
18. Omnia El-Badawy, **Ahmad Bahieldeen Ahmad**, Khaled Saad, Asmaa M. Zahran et al: COVID-19 Infection in Patients with Comorbidities: Clinical and Immunological Insight: 2022, Clinical and Applied Thrombosis/Hemostasis 28: 1-11.
19. Asmaa M. Zahran, **Ahmad Bahieldeen Ahmad**, Omnia El-Badawy: Association of follicular helper T and follicular regulatory T cells with severity and hyperglycemia in hospitalized COVID-19 patients: 2022, VIRULENCE 2022, 13 (1), 569-577.

VOLUNTEER WORK EXPERIENCES

12 - 2014 - 01-2015

University Remote-Villages Health Campaign

— Description

- Provided medical counseling for patients in remote Assiut villages.
- Ordered diagnostic tests.
- Prescribed medications.

06-2020 - 08-2021

Assistant Manager of COVID-19 patients' Quarantine and ICU, Assiut University Hospital

— Description

- Implemented ICU infection control policies.
- Participated in daily ICU patient rounds with residents and fellows of internal medicine and critical care medicine, anesthesia, and pulmonology, including case discussions, as well as procedures like ET intubation, ultrasound, and adjustment of non-invasive and invasive MV settings.
- Responsible for resident physician training regarding PPE donning and doffing.
- Participated in the online case discussions with staff of other departments, including the anesthesia and the pulmonology departments.

08-2020 - 08 - 2021

Out-University-Hospital ICU rounds

— Description

- Participated in daily ICU patient rounds at Al Eman General Hospital in collaboration with the Egypt Ministry of Health and Population, with residents and fellows of internal medicine, intensive care medicine, and anesthesia which included case discussions and presentations.
- Responsible for training in procedural skills such as IV-line insertion, endotracheal intubation, central venous catheter insertion (jugular and subclavian), and lumbar puncture.
- Responsible for performing detailed emergency ultrasound and ultrasonic guided pericardiocentesis, pleurocentesis, and peritoneal aspiration.

MEMBERSHIPS

- Member of Society of Critical Care Medicine (SCCM)
- Member of European Society of Intensive Care Medicine (ESICM)
- member of Egyptian College of Critical Care Physicians (ECCCP)
- Member of Egyptian Medical Syndicate

LEADERSHIP EXPERIENCE

- Leading the Critical Care Unite team in the first workshop on Mechanical Ventilation: 10-24-2021/10-25-2021
- Leading the Critical Care Unite team in the second workshop on Hemodynamic Evaluation and Monitoring of Critically Ill Patients: 02-08-2022/02-09-2022

LINKS

<https://www.linkedin.com/in/ahmad-abdelrehim-828032186/>

REFERENCES

- **Alaa E. Abd Elmoniem**; Professor of Internal Medicine, Assiut University Hospital, Egypt. alaaelmoniem@aun.edu.eg
- **Enas Ahmad Reda Alkareemy**; Professor of Internal Medicine, Assiut University Hospital, Egypt. alkareemy@aun.edu.eg
- **Hanan Sharaf El-Deen Mohammed**; Professor of Internal Medicine, Assiut University Hospital, Egypt. dr_hanansharaf@aun.edu.eg