

Aya Osama Mohamed Hassenin

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Profile

Pediatrics has been my own passion for relieving pain from children. My enthusiasm directed me to help sick kids and promote the pediatric department in my institution.

Education

2020-2022 Cairo University, Faculty of Medicine, Doctorate degree (MD), Pediatrics and Neonatology
2014 – 2017 Cairo University, Faculty of Medicine, Master degree (M.Sc), Pediatrics and Neonatology.

2005 – 2011 Cairo University, Faculty of Medicine, Bachelor of Medicine, Bachelor of Surgery (M.B.B.S).

Work Experience

(A) Abo-El Riche Hospital, Cairo University hospitals (Kasr Al Ainy)

From 2014 – To 2017

- A resident of Pediatric: three years of supervised training in the pediatric department, the first year of training in the general department then doing rotations every two to three months in specialized units: (Cardiology, Endocrinology, Gastroenterology, Rheumatology, Neurology, Cardiothoracic ICU, Neonatology unit, and Intensive care unit).
- Duties included, full history taking and complete physical examination and management of the patients, supervised by faculty staff.
- Doing different diagnostic and interventional techniques, (abdominal-pelvic US- chest US, Intubation, Central venous line insertion,)

From 2017 – 2020

Abo-El Riche Hospital, Cairo University Hospitals (Kasr Al Ainy)

- Assistant lecturer of Pediatrics & Pediatric Intensive Care Unit

- Duties included:
- † Supervision of residents dealing with critically ill patients and giving them lectures for the management of critically ill patients.
- † Doing different diagnostic and interventional techniques (abdominal-pelvic US- chest US, Intubation, Central venous line insertion)

B-

Attended surgery rotation at HAMAD Medical Corporation Department of Medical Education (Doha)

From 2020 till now lecturer of Pediatrics & Pediatric Intensive Care Unit

- Continuous medical education for the assistant lecturers and residents.
- Participating in the education of medical students (lectures-round rotation-case presentation)
- Medical research and supervision for master and MD thesis.
- Participating in pediatric emergency team.
- Nurse teaching course

Professional memberships

- Member of the Egyptian society of pediatrics and critical care (ESPCC)
- Member of the Arab Society for Medical Research.

Conferences:

(A) Attendee

- The 24th Annual Scientific Conference of The Pediatric Department, Cairo University (April 2013)
- The 14th International Thalassemia Conference (May 2013)
- PEDIA EGYPT CONGRESS (April 2019)

- Pedia Critical Care Congress& 2nd ESPPCC Congress (July 2019).
- 31st Annual Conference of Department of Pediatrics Cairo University (April 2019).
- 32nd Annual Conference of Department of Pediatrics Cairo University (February 2020).
- 33rd Annual Conference of Department of Pediatrics Cairo University (April 2021).
- International Egyptian Pediatric Conference (June 2021).
- 13th Egyptian Pediatric Critical Care Congress & 4th ESPPCC congress (September 2021).
- International Childhood Conference (November 2021).
- Annual Pediatric Critical Care Conference Cairo University (March 2022)
- 34th Annual Conference of Department of Pediatrics Cairo University (March 2022)
- To the Target in Pediatrics (June 2022).
- 35th Annual Conference of Department of Pediatrics Cairo University (March 2023).
- Annual Pediatric Critical Care Conference Cairo University (May 2023).
- Middle east pediatric conference (September 2023).
- Childcare conference (February 2024).

(B) speaker

- Annual Pediatric Critical Care Conference Cairo University (May 2023)
- The Egyptian Society of Pediatrics & Pediatric Critical Care /15th EGYPTIAN PEDIATRIC CRITICAL CARE Congress & 6th ESPPCC Congress (July 2023).
- 36th Annual Conference of Department of Pediatrics Cairo University (April 2024).

Workshop:

(A) Attendee

- HCV Workshop (National Research Center and Fulbright Commission, May 2013).
- Data Statistical Analysis Using SPSS Program “Statistical Basic and Practical Application.”
- Mechanical Ventilation Workshops (Annual Pediatric Critical Care Conference Cairo University, March,2022).

(B) speaker

- Pediatric Mechanical Ventilation (35th Annual Conference of Department of Pediatrics Cairo University) (March 2023).

Courses

- Course at Intermediate level of the Conversation Programme at the British Council (2013)
- Family Physicians Qualification Course “Concept and Applications”, Cairo university (2013)
- Infection Control course “Concept and Applications”, Cairo university (2013)
- Patient Safety course “Concept and Applications”, Cairo university (2013)
- Basic Emergency and Surgical Skills, Cairo University (2012)
- ‘Ethics in medical practice’ course, Cairo University (2013)
- Radio sonography Course, Cairo University (Jan 2013)
- Fundamentals of digital transformation certificate (FDTC) (August 2021).

Qualifications:

- USMLE step 1 and 2
- TOEFL. ITP, AMIDEAST
- ICDL Certificate (International Computer Driving License).

List of publications:

1. "Estimation of Thoracic Fluid Content by using Non-Invasive Cardiometry in Critically Ill Children with Acute Kidney Injury" has been accepted for publication in the Saudi Journal of Kidney Diseases and Transplantation. (MD thesis).
2. "Prognostic value of serum glucose level in critically ill septic patients on admission to pediatric intensive care unit" has been published in the Indian Journal of critical care medicine.
3. Prevalence of extracorporeal blood purification techniques in critically ill patients before and during the COVID-19 pandemic has been published in Acute and critical care journal.
4. Influence of the COVID-19 Pandemic Curfew on the Admission Rate and Outcomes of a Pediatric Intensive Care Unit at University Hospital has been published in Egypt Egyptian Journal of Pediatric.
5. Diagnostic and prognostic utility of prealbumin as a nutritional biomarker in critically ill children : a prospective cross sectional study.