

Kareem Ahmed

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Curriculum Vitae

Kareem Ahmed Hosny Ramadan

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Cardiothoracic Surgery Assistant Lecturer at Assiut University Heart Hospital

Faculty of Medicine, Assiut University, Assiut, Egypt

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Education:

- July 2022: Master degree at General Surgery with grade 70%.
- Sept.2021: Membership of Royal College of Surgeons in England (MRCS-Part A) with grade 85.7%.
- Oct. 2020: First Part of Master at General Surgery with grade 74.6 % .
- 9 Nov.2017: M.B. B.Ch. Faculty Of Medicine, Assiut University, Assiut, Egypt with grade Very Good (83%).
- 2011: General Secondary Certification

Vacancies:

- 1st August 2022 till now: Assistant Lecturer at Cardiothoracic Surgery Department, Assiut University Heart Hospital, Assiut, Egypt.
- 1st Septmeber 2021 till July 2022: Demonstrator at Cardiothoracic Surgery Department, Assiut University Heart Hospital, Assiut, Egypt.
- 1st March 2019: Resident at Cardiothoracic Surgery Department at Assiut University Heart Hospital.
- 1st March 2018 to 28th Feb. 2019: Medical Internship at Assiut University Hospitals and El-shatbi University Hospital at Surgical and Medical specialties.

Field of Experience:

Open heart Surgery: Adult Cardiac Surgery- On-Pump CABG- Off-Pump CABG- Valve Replacement- Aortic Root Surgery- Saphenous Vein Harvesting- Perfusion- Minimally Invasive mitral valve replacement and ASD closure- Pericardiectomy.

Thoracic Surgery: VATS for decortication, lobectomy, Thymectomy, hyperhidrosis. – Esophageal Surgery- inhalational and swallowed F.B extraction by scopes- Diaphragm repair. Fracture Ribs and Sternum fixation by Titanium Plates.

Areas of Interest: Minimally Invasive Adult Cardiac Surgery.

Publications:

➤ Thesis:

- **Master degree Thesis Discussion:** Sternal Reconstruction Using Locking Compression Plates (LCP) system. Feb. 2022

➤ Papers:

- 1) May 2022, “Sternal Wound Infection in Patients with Sternal Fixation using Locking Compression Plates” at Journal Of surgery and clinical Practice
- 2) *In reviewing process:* Early surgical intervention in esophageal perforation; How it affects the outcome and hospital stay: a single center experience.
- 3) August 2020 : “ Sternal Reconstruction Using Locking Compression Plates: Our Experience in Egypt, A case series “ at **Journal of Cardiothoracic Surgery , A Springer Nature Publication.**
- 4) Abstract publication “On pump vs Off pump CABG” at **European Heart Journal** supplement 2019.
- 5) Article: "CardioVascular Biomarkers Modified By Exercise" and "A brief reading through precision Medicine in Neuro-psychiatric illness" through Egypt Scholar Lab 6 Training Aug.2018.

➤ Clinical Audits:

- 1) Annual report of Cardiothoracic Surgery Department, Assiut University, Assiut; Performance during COVID-19 era, 2020.

2) Cardiothoracic Surgery Department clinical Audit, 2019 annual report.

➤ Poster Presentation:

- 1) "On Pump vs Off Pump CABG "in **CardiAlex 2019** at Bibliotheca Alexandria June 2019.
- 2) "Cancer Stem Cell theory and evidence from Colo-rectal Cancer" in " **First Student Research Symposium**" at Faculty Of Medicine, Assiut University, 6th May.2017.
- 3) "Induction Cancer For Cancer: Part 1: Is Targeting G6PD Induces Cancer Cell Killing?" Systematic review In "**International Congress of Medical Young Scientists Conference April 2013**" and "**UAE Cancer Congress October 2013**"
- 4) "Induction Cancer For Cancer: Part 1: Is Targeting G6PD Induces Cancer Cell Killing" in **final research day** of Mentor Student Research Link Project, July 2013. The poster is published online at F1000 posters, <https://f1000research.com/posters/1094441>

Research Projects:

- A trainee at Egypt Scholars LAB6 Programme from July 2018 till Dec.2018.
- Cofounder and Coordinator of "Assiut Students' Scientific Association Research Team" aka ASSART Project 2015
- Member at "Association of Medical Excellence" from June 2016 till Dec.2017
- An Undergraduate researcher at **Center of Excellence Of Stem Cell and Regenerative Medicine**" (A substitution of Helmy institute for Medical sciences at Zewail City) at Assiut University hub. till Dec.2014

Trainings and Certifications:

- Research and Medical training and certification:
 - Certificate of Completion of "**Advanced CardioVascular Life Support**" Course from **American Heart Association (AHA)** at July 2022
 - Certificate of attendance of "**Ancona Virtual Live Course: Minimally Invasive and Transcatheter Cardiac Surgery**" " 8,9 June 2020.

- Certificate of attendance of **ECMO hands on training and Bronchoscopy: Rigid and Fiberoptic hands on training** at **6th VATS workshop** at Assiut University Heart Hospital 20th Feb. 2020
- **European Board for Accreditation in Cardiology (EBAC) certificate** of attendance of "CardioAlex. 2019 and granted **26 external CME credits** for participation in CardioAlex 2019.
- Certificate of Participation in activities of **CardioAlex 2019.**
- Certificate of Completion of **Egypt Scholars Lab6 in Scientific Research- Basic Level.** A 12-week online class with grade: Pass with Excellence 92%. Dec.2018.
- Certificate of attendance of " **CardioAlex. 2018** " activities, 26-29 June 2018.
- **European Board for Accreditation in Cardiology (EBAC) certificate** of attendance of " CardioAlex. 2018 activities and Training Sets : FOCUS I Cardiovascular regeneration and senescence, Learn with Khusrow Niazi and Intervention My worst case. With **37 External CME credits** granted by EBAC.
- Certificate of attendance of "**3rd Youth conference of Assiut Medical Syndicate** " and attendance of workshops " **Basic Life Support- Emergencies In Trauma- Pediatric Emergencies- Basic US in Obstetrics and Gynecology** ", 18th ,19th Feb.2018
- Certificate of attendance and presentation at "**First Student Research Symposium**" Faculty Of Medicine ,Assiut University, 6th May,2017
- Certificate of attendance of "**Scita 5th Biofans Conference**" at Conferences Hall Al-Kasr el-Ainy 1&2 Feb. 2016
- Certificate of attendance of the workshop " **Gene Expression Analysis: Genomics and Proteomics** " in Arab Society of Stem Cell and Molecular Biology in corporation with German University In Cairo, Cairo, Egypt 9-11 April 2015.
- Certificate of attendance of " **The First Conference of Stem Cells and Treatment of Liver, Kidney, Heart and Infertility Diseases by Science Stars Team** " in Mansura University, Egypt at 12th Dec, 2014

- Certification Of Completion of " **Isolation, Expansion, Characterization& cryopreservation Of Different Types Of Stem Cells From Different Sources** " Course from Medical Experimental Research Center, Faculty Of Medicine, Mansoura University 1st – 3rd April 2014
 - Certification of completion “**The Mentor Student Research Link Project**” for my systematic review “Induction Cancer for Cancer: Part 1: Role of HMP Shunt in Cancer Metabolism” July 2013.
 - “**Research Main Skills**” February 2013 Form Knowledge Transfer Office (KTO)
 - Certification of Completion from “Faculty Of Medicine Assiut University Quality Assurance Unit” for the course “**Basics Of Scientific Research**” December 2012
 - Certification of Completion from the National Institute of Health” for the completion of the NIH web-based training course “**Protecting Human Research Participants**” December 2012
 - Certification Of Completion from “Faculty Of Medicine, Assiut University, Medical Education Development And Training” for the course “**Surgical First Aids, First Aids OF Fractures And Burns**” March 2012
 - Certification of Completion from “Faculty of Medicine Assiut University, Assiut Medical Education Development and Training Center” for the course “**The Basic Course of Surgical Suturing**” January 2012.
- Non-Medical Training and Certification:
- Certification Of Completion From “**Intel Learn Program**” 2007
 - Honor Code Certificate of " **ColWri2.2x: Principles of Written English**" a course of study offered by BerkeleyX, an online learning initiative of the University of California, Berkeley through edX.

Clinical related Experience:

- Medical internship at Assiut University Hospitals from March 2018 to Feb. 2019.
- Visiting Physician at tourist facilities in Egypt including " **Equinox beach and resort, Three Corners Group, Marsa Alam, Red Sea, Egypt**" and " **Porto Sharm El-Sheikh, South**

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Sinai, Egypt " in Nov.2017 and Jan.2018, "**Rixos Alamein, Noarth Cosast, Alexandria** " from November to December 2018.

- Clinical Shadow Program at Clinical Oncology Department, Assiut University Hospitals, Assiut, Egypt at summer 2014.
- Summer Training in Assiut University Hospitals in Summer 2012

Volunteer Work:

- Participant in many Charity Teams in Assiut, Egypt since 2011
- Participant in charity day for supporting Cancer Patients in Upper Egypt National Institute of Cancer.

Memberships:

- A member at scientific committee of Association of Medical Excellence "AME " from June 2016 till Dec.2017
- Member in Center of excellence of stem cell, Assiut University 2013 till Dec. 2014
- Member in Assiut Students' Scientific Association (ASSA) 2011-2012, ASSA is a member of the International Federation of Medical Students' Association - Egypt (IFMSA - EGYPT) which is a member of the International Federation of Medical Students' Association (IFMSA). It is a Non-Governmental Association related to the World Health Organization (WHO) a branch of the United Nations (UN).

References:

- Mohammed Alaa Nady Abdel-Hafez

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- Fatma Yassin

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