



# Omar Arafat Sadek Sayed

**Work permit:** Egyptian | **Date of birth:** 28/09/1991 | **Place of birth:** Vienna, Austria |

**Nationality:** Egyptian | **Phone number:** (+20) 1013141529 (Mobile) | **Email address:**

[arafat\\_omars@med.aun.edu.eg](mailto:arafat_omars@med.aun.edu.eg) | **Email address:** [arafats\\_omar@yahoo.com](mailto:arafats_omar@yahoo.com) | **Website:**

<http://www.aun.edu.eg/medicine/omar-arafat-sadek-sayed> | **LinkedIn:**

[www.linkedin.com/in/omar-arafat-b7a65a20b](http://www.linkedin.com/in/omar-arafat-b7a65a20b) |

**Address:** Al-Sadat, Abbas Mahmoud El-Akaad st. Building No.13, 3rd Floor, Apartment 05 , Assiut, Egypt, 71514, Assiut, Egypt (Home)

**Address:** Assiut University Hospital - Heart Hospital 5th Floor, Assiut, Egypt (Work)

## ABOUT ME

lecturer and Consultant of cardiothoracic surgery, Assiut university Heart hospital, Faculty of Medicine, Assiut University.

## WORK EXPERIENCE

**LECTURER OF CARDIOTHORACIC SURGERY – FACULTY OF MEDICINE ASSIUT UNIVERSITY** – 01/02/2026 – Current – ASSIUT, EGYPT

**CONSULTANT OF CARDIOTHORACIC SURGERY – FACULTY OF MEDICINE ASSIUT UNIVERSITY HEART HOSPITAL** – 01/12/2025 – Current – ASSIUT, EGYPT

**CONSULTANT OF CARDIOTHORACIC SURGERY – ASSIUT POLICE HOSPITAL** – 01/12/2025 – Current – ASSIUT, EGYPT

**REGISTRAR CARDIAC SURGEON – MAGDI YACOUB HEART FOUNDATION - ASWAN HEART CENTER** – 01/02/2025 – 31/08/2025 – ASWAN, EGYPT

**CONSULTANT OF CARDIOTHORACIC SURGERY – HORUS SPECIALIZED HOSPITAL** – 01/12/2025 – Current – LUXOR , EGYPT

**ASSISTANT LECTURER OF CARDIOTHORACIC SURGERY – FACULTY OF MEDICINE ASSIUT UNIVERSITY HEART HOSPITAL** – 05/2020 – 31/01/2026 – ASSIUT, EGYPT

**SPECIALIST OF CARDIOTHORACIC SURGERY – FACULTY OF MEDICINE ASSIUT UNIVERSITY HEART HOSPITAL** – 03/2020 – 30/11/2025 – ASSIUT, EGYPT

**SPECIALIST OF CARDIOTHORACIC SURGERY – HORUS SPECIALIZED HOSPITAL** – 12/2020 – 30/11/2025 – LUXOUR, EGYPT

**SPECIALIST OF CARDIOTHORACIC SURGERY – ASSIUT POLICE HOSPITAL** – 05/2023 – 30/11/2025 – ASSIUT, EGYPT

**DEMONSTRATOR OF CARDIOTHORACIC SURGERY – FACULTY OF MEDICINE ASSIUT UNIVERSITY** – 03/2018 – 04/2020 – ASSIUT, EGYPT

---

**RESIDENT DOCTOR IN CARDIOTHORACIC SURGERY DEPARTMENT – ARMED FORCES KOBRY EL KOBBA MEDICAL COMPLEX** – 03/2017 – 02/2018 – CAIRO, EGYPT

---

Worked As Resident Doctor in cardiothoracic surgery Department During My Military Service.

**RESIDENT DOCTOR IN CARDIOTHORACIC SURGERY DEPARTMENT – ASSIUT UNIVERSITY HEART HOSPITAL**  
– 03/2016 – 02/2017 – ASSIUT, EGYPT

---

**HOUSE OFFICER** – 03/2015 – 02/2016 – ASSIUT, EGYPT

---

**Pre-registration House Officer (Internship) for one year from March 2015 to 29 Feb 2016.**

**Assiut university hospitals;** include 2 months rotation in departments of (Internal medicine, Emergency, Obstetrics and gynecology, Anesthesiology and ICU).

**Assiut General hospital;** 2 months in department of Pediatrics.

**Assiut Eman General Hospital;** 2 months in department of General Surgery.

---

● **EDUCATION AND TRAINING**

---

2008 – 2014 Assiut, Egypt

**BACHELOR OF MEDICINE AND SURGERY, MBBS** Faculty of Medicine, Assiut University, Assiut (Egypt)

---

2015 – 2016 Assiut, Egypt

**COMPULSORY 1 YEAR HOUSE-OFFICER SHIP CERTIFICATE** Assiut university hospital

---

2016 – 2020 Assiut, Egypt

**CARDIOTHORACIC SURGERY RESIDENCY CERTIFICATE** Assiut University Heart Hospital

---

2017 – 2020 Assiut, Egypt

**MASTER DEGREE IN SURGERY (SUBSPECIALTY CARDIOTHORACIC SURGERY)** Faculty of Medicine, Assiut university hospital

---

2020 – 2021 Assiut, Egypt

**1ST PART OF CARDIO-THORACIC SURGERY PHD DEGREE.** Faculty of Medicine, Assiut university Heart Hospital,

---

2021 – 2025 Assiut, Egypt

**2ND PART OF CARDIO-THORACIC SURGERY PHD DEGREE.** Faculty of Medicine, Assiut university Heart Hospital,

---

12/2025 Assiut, Egypt

**MD IN CARDIOTHORACIC SURGERY** Faculty Of Medicine Assiut University

---

---

● **LANGUAGE SKILLS**

---

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● PUBLICATIONS

---

2020

### Postoperative complications in pediatric cardiac surgery patients done in a tertiary hospital

---

2025

### Acute Kidney Injury After Cardiac Surgery in Patients Without Chronic Kidney Disease: Incidence, Predictors, and Outcomes

---

Acute kidney injury (AKI) is a frequent and serious complication following cardiac surgery, even in patients without preexisting chronic kidney disease (CKD). This prospective cohort study included 950 adult patients undergoing elective cardiac surgery at Assiut University Hospital between 2021 and 2024. Using KDIGO criteria, the incidence of cardiac surgery-associated AKI (CSA-AKI) was 42%, with 18.6% classified as severe (stage 3). AKI patients were significantly older, more often female, and had higher rates of hypertension, diabetes, and valvular surgery. They also experienced longer cardiopulmonary bypass and cross-clamp times, more postoperative hypotension and sepsis, and a greater need for renal replacement therapy. Mortality was 22.3% compared with 6.5% in patients without AKI. Multivariate analysis identified hypertension, diabetes, and prolonged ICU and hospital stays as independent predictors. CSA-AKI remains common and strongly associated with adverse outcomes, highlighting the need for preventive perioperative management strategies.

**Journal Name:** Vascular & Endovascular Review | **Volume, Issue and Pages:** Vol. 8 No. 4s (2025)

## ● JOB-RELATED SKILLS

---

### Administrative duties:

---

Include:

- Selecting patients for admission to the department.
- Discharging patients postoperatively for outpatient follow-up.
- Running 2 weekly outpatient clinics.
- Management of chest trauma from admission till discharge.

### CLINICAL EXPERIENCE:

---

During my work and my clinical training, I gained experience in the following activities:

- Pre-operative preparation of 5 to 6 regular Operation lists a week.
- Postoperative care (immediate in ICU and late in the ward).
- Perfusionist (warm and cold cardioplegia).
- Out-patient clinical management.
- Management of traumatized patients.

Operative skills: Five Operative lists per week each list contains

- 1) three to four cases of open heart surgery most properly mitral valve replacement or aortic valve and double valve replacement, CABG, also cases of congenital heart surgeries include VSD, ASD, Sub-aortic membrane, double chamber RV, aortic coarctation, Glenn shunt, Fontan Shunt, and Fallot.
- 2) Usually one or two cases thoracic surgery: Decortication (Empyema is common here), chest wall tumors, pleural biopsy, lung resections (lobectomy, pneumonectomy), Achalasia, cancer esophagus, mediastinal masses, diaphragmatic hernia, eventration, tracheoesophageal fistula, Bronchoscopy, and Thoracoscopy.

I am now performing thoracic surgeries independently such as Bronchoscope, esophagoscope, wedge resection, Decortication, a pleural biopsy (Thoracoscopically), surgical management of lung abscess, Diaphragmatic hernia and Eventration and assist in major thoracic surgery procedures such as lobectomy and mediastinal tumors.

In cardiac surgery, I am independently doing sternotomy, pericardiotomy, saphenous vein harvesting, Radial Artery harvesting, internal mammary artery harvesting, Aorto-bicaval cannulation, femoral cannulation, proximal and Distal anastomosis, mitral valve replacement, aortic valve replacement, ASD Closure, PDA Closure, decannulation, Homeostasis, and sternal closure, and I have assisted in about 500 open-heart surgeries as a 1st assistant, about 1000 surgeries as the second assistant and Performed 150 surgeries as the Main Surgeon (Mostly Mitral Valve, Aortic Valve and Double Valve replacement, ASD Closure, On-pump and Off-Pump CABG). Most of these open heart surgeries are valve replacement, on-pump and off-pump CABG and pediatric cardiac surgery.

In addition, I am responsible for the management of chest trauma patients in the ER: fracture ribs (haemo and pneumothorax), flail chest, stab chest and firearm chest. I am managing chest trauma in almost all cases without

supervision starting from chest tube to ER thoracotomy for massive hemothorax and different Cardiac, Lung and Thoracic Injuries.

I have also very good experience in rigid bronchoscopy procedures either diagnostic Broncho-alveolar lavage or biopsy or foreign body extraction. I am doing almost one bronchoscope daily for the extraction of foreign body inhalation without supervision.

24/11/2025

**Completed The ATLS Course according to American College of Surgeons**

---

## ● **COMMUNICATION AND INTERPERSONAL SKILLS**

---

### **Communication skills**

---

Good communication skills gained through my experience as cardiothoracic surgeon.

---

*Thank you for the precious time spent reviewing this resume. I will have pleasure to be a member of your team.*

N.B: All Certificates are available on demand