



## THE AGA KHAN UNIVERSITY

### CARDIOLOGY FELLOW

The Aga Khan University (AKU) is a private, not for profit, international University first established in 1983, with 11 teaching sites in eight countries. The Aga Khan University Hospital, Nairobi is hiring Cardiology Fellows in the Department of Medicine. The successful candidate will have dual reporting to Fellowship Programme Director and Section Head Cardiology.

#### Position Summary

The fellow will undertake fellowship studies and shall function under the supervision of the attending medical staff. In this role, the Fellow assists with admissions, consultations, evaluations, diagnosis and treatments of hospital patients. He/she may perform certain procedures without supervision once he/she attains a certain level of competency and may also provide verbal, written and telephone orders.

This is a 3-year training program in **Clinical Cardiology**. The details and other responsibilities are as stated in the cardiology fellowship curriculum. The level of responsibility shall be graduated as the fellow progresses from the first year to the final year.

#### Key Responsibilities:

##### 1. Assess and manage patients

- ✓ Conduct daily ward rounds. Participate actively in all matters relating to patient care and contribute to decision-making during daily rounds, with assistance from the attending staff.
- ✓ Review and examine patients consistently by performing such duties as taking case histories, conducting physical examinations, and ordering diagnostic laboratory and radiology studies.
- ✓ Monitor patients' progress on a regular basis.
- ✓ Participate in clinics on a regular basis as determined by the curriculum rotation.
- ✓ Initiate discussions with patient and care givers to enable better diagnostic and therapeutic medical care and services.
- ✓ Provide telephone guidance to physicians seeking advice from the AKUHN affiliated staff for acute cardiac problems during evenings and weekends/holidays, with backup provided from the attending staff.
- ✓ Assist in the performance of certain technical procedures, such as central venous catheter insertion, arterial line insertion, temporary pacemaker insertion, cardiac catheterization procedures, etc.) as per privileges under the supervision of the attending physician.

- ✓ Approve/clarify orders (investigations, consultations and treatments) written by junior house staff in cases.

## 2. Attend to emergency cases

- ✓ Assist in the examination and observation of emergency cases by performing such duties as taking case histories, conducting physical examinations, and ordering diagnostic laboratory and radiology studies.
- ✓ Attend to critical patients in a timely manner.
- ✓ When necessary, carry out privileged and potentially life-saving emergency surgical and medical procedures.
- ✓ Educate patients on wellness, prevention and early detection.
- ✓ Provide materials, resources and referrals to patients, family members/care givers.
- ✓ Educate patients on informed consent, choice of attending physician and right to seek second opinion.
- ✓ Present cases at CCU rounds, CV surgery/cardiology combined rounds and Morbidity and Mortality Rounds.
- ✓ Provide regular junior resident teaching in the afternoon, under the supervision of the attending staff.
- ✓ Supervise and educate junior house staff.
- ✓ Take charge of morning rounds and be the first voice in generating patient management plans.

## 3. Counseling/Education

- ✓ Educate patients on wellness, prevention and early detection.
- ✓ Provide materials, resources and referrals to patients, family members/care givers.
- ✓ Educate patients on informed consent, choice of attending physician and right to seek second opinion.
- ✓ Present cases in teaching rounds, seminars, and workshops as appropriate under supervision by faculty
- ✓ Provide regular junior resident teaching in the afternoon, under the supervision of the attending staff
- ✓ Supervise and educate junior house staff.

## 4. Take charge of morning rounds and be the first voice in generating patient management plans

- ✓ Liaise with the consultants within and outside the department of medicine.
- ✓ Initiate timely discussions with relevant consultants or departments to arrive at the best treatment plan for specialized cases.

- ✓ Attend morning hand-over and sign-out rounds to assist in transferring care to/from the on-call teams.
  - ✓ Ensure that daily progress notes are made on all patients.
  - ✓ Assist in screening potential transfers/admissions to the CCU and discharges, with assistance from the attending staff.
5. Ensure availability of required support services in the process of treating patients, particularly when referred by other specialists to AKU hospital
- ✓ Participate in establishing various planning parameters for addressing referral cases received at AKUH.
  - ✓ Engage nursing and ward staff in ensuring that all treating equipment is functional and available for patient care/treatment.
6. Participate in the review and development of appropriate policies and procedures for patients' health care, to formulate best practice guidelines
- ✓ Participate in discussions with relevant members of the clinical care team to enable better integration of patient care activities.
7. Ensure meticulous use of resources to enable patients' safety and quality care
- ✓ Work closely with members of the clinical care team to reduce errors and waste, improve skillfulness and resource utilization.
  - ✓ Participate in sectional audits, quality assessment and measures to improve section performance and to be involved in the JCIA quality library of measures.
8. Periodically initiate and participate in clinical research activities, institutional quality improvement and patient safety activities
- ✓ Initiate discussions with consultants and colleagues to enable integration of clinical research activities, shared knowledge, institutional quality improvement and patient wellness activities.
9. Perform other duties as may be assigned by department supervisor/manager
- ✓ Participate in all team efforts as departmental needs arise.
  - ✓ Possess ability to independently demonstrate the skillful performance of technical procedures in the CCU as the need arises, with attending physician back-up as required.
  - ✓ Work within a multidisciplinary team to provide holistic care to complex patients in the cardiac care unit and elsewhere in the hospital.

## 10. Academic achievement/learning

- ✓ Develop and maintain a personal program of self-study and professional growth with guidance Residency faculty.
- ✓ Attend the classes as per the schedule.
- ✓ Attend ward rounds as per the rota.
- ✓ Undertake assignments.
- ✓ Participate in research and scholarly activities.
- ✓ Participate in local, regional and international cardiology conferences as and when required as part of the cardiology team in the hospital.
- ✓ To work in external rotations as required by the curriculum.

### Entry Requirements:

Minimum requirements for applicants seeking admission include:

- Bachelor of Medicine and Bachelor of Surgery (MBChB) or equivalent.
- Master of Medicine degree, or equivalent postgraduate qualification.
- Registration by the Kenya Medical Practitioners and Dentists Board or eligible for registration if applicant is from outside the country.

### Personal Attributes:

- Demonstrate competency and dexterity with all equipment utilized in the hospital environment.
- Good communication skills.
- A good team player.
- A learner who demonstrates good study habits.
- Demonstrate honesty, integrity, compassion and respect for diversity and applies ethical principles appropriately.
- Seeks and accepts advice and adheres to deadlines.
- Punctual and respects commitments made.

### How to Apply:

To formally submit your application: -

1. Send a letter of motivation with a clear statement of an area of cardiovascular research that you would like to study during your training and how you would execute it
2. Current Curriculum Vitae
3. Names and contacts of two professional references

To [mcfellowships.ea@aku.edu](mailto:mcfellowships.ea@aku.edu)

**Applications are now closed**