



Gulf SAFE

- Study Title:** Gulf Survey of Atrial Fibrillation Events
- Study Acronym:** Gulf SAFE
- Sponsor:** **GHA**
- Principal Investigator:** Professor Mohammad Zubaid
- Start of Enrollment:** October 2009
- End of Enrollment:** March 2010
- Target Sample Size:** 2000 patients
- Study Design:** This was a six-month, six countries, Emergency Room (ER) based cohort study with one year follow-up
- Follow planned:** Clinical follow-up was performed on all patients via telephone or follow up visit at 1 month, 6 months and 12 months from the time of enrollment.

Steering Committee:

- Bahrain: Dr. Haitham Ameen
- Kuwait: Dr. Wafa Rashed, Professor Mohammad Zubaid
- Qatar: Dr Nidal Asaad
- Oman: Dr. Kadhim Jafar
- UAE: Dr Wael Almahmeed, Dr. Abdullah Shehab
- Yemen: Dr. Ahmed A-Qudaimi



Primary Objectives:

- Determine the predisposing conditions for atrial fibrillation (AF) in the Gulf.
- Document the management of AF and associated cardiovascular diseases, including the frequency of anti-thrombotic and anti-hypertensive therapy and the degree of INR control.
- Document the adverse cardiovascular outcomes of AF in the Gulf population.
- Determine the adherence to published guidelines.

Secondary Objectives:

- Analyzing the practice patterns and treatments of AF in the Gulf countries.
- Studying all elements of the registry including the distribution of the different risk factors, the use of medications in-hospital and at discharge, and morbidity/mortality rates.
- Evaluating patient outcomes at one year follow up.

Inclusion Criteria:

- Consecutive patients attending a participating emergency department
- Patients must be 18 years or over and must have documented AF or atrial flutter in the emergency room (electrocardiographic evidence by ECG).
- All patients with AF or atrial flutter will be enrolled, including those in whom AF is a secondary diagnosis (i.e. patients seen for heart failure, pneumonia, etc.).
- Sign informed consent form.

Exclusion Criteria:

- Unable or unwilling to give informed consent.
- Prior enrollment in this study.
- Patients seen as part of referral for electrophysiologist care.