

INTRODUCTION TO PAROS IN KARACHI, PAKISTAN

PAROS-KARACHI, PAKISTAN

- Host Institution
 - Aga Khan University
 - Participating Hospitals
 - Tabba Heart Institute
 - Civil Hospital Karachi
 - Aman Foundation Emergency Medical Services
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KARACHI

- With a total of 18 million inhabitants (Karachi contributes to approximately 10 per cent of Pakistan's total population),
- Financial hub of Pakistan
- 60 per cent of its inhabitants live in katchi abadis (slums) often without proper water or sanitation systems.
- Illiteracy, poverty and lack of social security systems, further compounds poor access to healthcare for the most vulnerable in the city.

AGA KHAN UNIVERSITY HOSPITAL, KARACHI



AGA KHAN UNIVERSITY HOSPITAL, KARACHI

- Established in 1985, is the primary teaching site of the Aga Khan University's (AKU) Faculty of Health Sciences.
- Founded by His Highness the Aga Khan, the hospital provides a broad range of secondary and tertiary care.
- The hospital provides patient care to over 50,000 hospitalized patients and to approximately 600,000 outpatients annually.
- In September 2006, AKUH became the first hospital in Pakistan and one of the select few teaching hospitals in the world to be awarded Joint Commission International (JCI) accreditation for achieving and maintaining highest international quality standards in healthcare.

TABBA HEART INSTITUTE



TABBA HEART INSTITUTE

- Tabba Heart Institute is a specialty Cardiac Care Hospital in Karachi
 - One of the best and most comprehensive cardiology services in the country
 - Specializes in
 - Cardiac Emergency
 - Critical Care
 - Acute coronary syndromes
 - Cardiogenic Shock
 - Congestive Heart Failure and Cardiomyopathy, complicated Supraventricular and Ventricular Arrhythmias and heart block congenital heart disease complications in adults and Pulmonary Hypertension.
 - Preventative Cardiology
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CIVIL HOSPITAL KARACHI



CIVIL HOSPITAL KARACHI

- Civil Hospital Karachi is a 1,900-bed tertiary care public hospital
- The largest teaching hospital in Pakistan, catering not only to all areas of the province of Sindh but also the neighboring province of Balochistan
- Provides laboratory, radiographical procedures, investigations and examinations free of cost.
- An average of two million out-patients report to the hospital annually

AMAN FOUNDATION EMS



امان هيالتھ
AMANHEALTH
AMANAMBULANCE

AMAN FOUNDATION EMS

- A fleet of 100 ambulances serving all parts of Karachi and manned by doctors and trained Paramedics;
- AMANAMBULANCE, has redefined en route, in-transit ambulatory care in the city of Karachi.
- Managed by a central Command and Control Center, with an average response time of 8 mins, the service has achieved more than 500,000 interventions to date.
- The service ensures delivery to the hospital facilities within the 'Golden Hour' thus considerably reducing the incidence of avoidable deaths.

AVAILABLE DATA FROM OUR CENTER

- Annual incidence of non-traumatic out of hospital cardiac arrests = 194/100,000
- Survival = 1%
- Location of Arrest being public is associated with 42% higher chances of death after OHCA
- The burden of OHCA is much higher in Pakistan compared to Western and other cities in the region

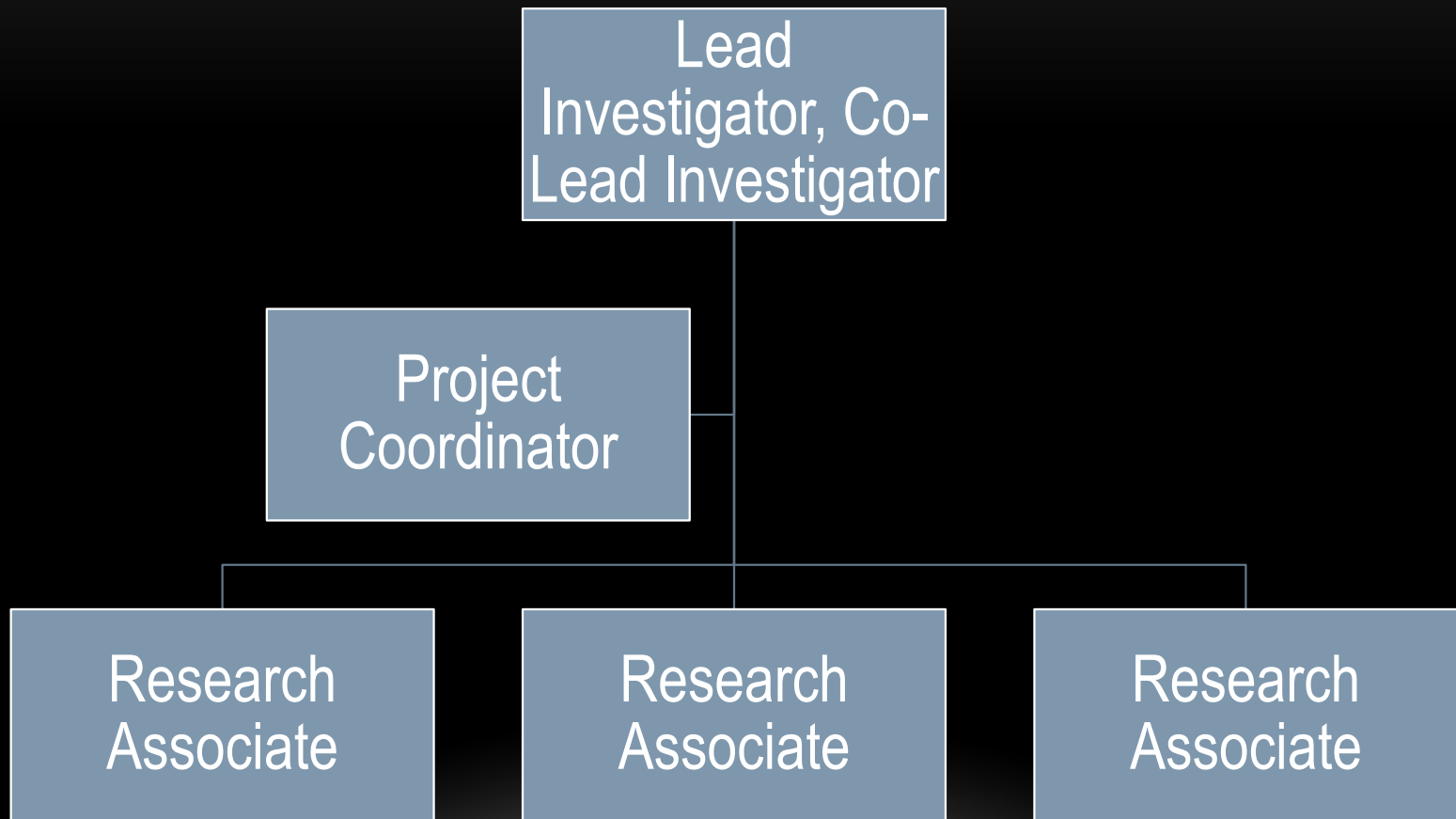
Source: (recently completed thesis by our masters student)

PROGRESS IN PAROS IMPLEMENTATION

PROGRESS

- Current status: In the process of starting the project
 - Ethics Review Committee/IRB approvals
 - Received exemption from all 3 institutions
 - Grant Internal Review Process at Aga Khan University
 - Completed
 - MOU between AKU Research Office and SCRI
 - In Process
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STRUCTURE



- Hiring and training of personnel
 - Awaiting processing at Finance and HR departments at AKU
 - Training includes:
 - Introduction to PAROS, implementation of PAROS instrument and communication skills in the emergency department
 - Data Collection begins: June, 2015
 - Our commitment : 90 patients / quarter (with plans to exceed commitment)
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THANK YOU

if you have nothing
to be grateful for,



check your pulse. 😊