

Update on progress of setting up PAROS in Malang

Pre-Hospital Workgroup for EMS Development Project

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The Starting Point

- We have commenced the **preliminary** study on Out-of-Hospital Cardiac Arrest (OHCA)
- **Not representing EMS system in a city**
 - No established EMS system
 - Victims are immediately pronounced dead, and resuscitation is not attempted
 - Only in 1 hospital engaged; Universitas Brawijaya - Saiful Anwar General Hospital (Class I referral hospital in the city)
 - No standardized medical record from the referral institution
- **Unable provide representative data for PAROS study as yet**

Despites of



Improving Outcomes from Pre-hospital and Emergency Care across the Asia-Pacific

1 Feb 2012

Dean
Faculty of Medicine
University of Brawijaya
Jl. Veteran, Malang 65141
Indonesia

Dear Sir/Madam,

**LETTER OF INVITATION TO PARTICIPATE IN THE PAN-ASIAN RESUSCITATION OUTCOMES STUDY (PAROS)
CLINICAL RESEARCH NETWORK**

The Pan-Asian Resuscitation Outcomes Study (PAROS) is a collaborative research group formed in 2010 with the aim to improve outcomes from Pre-hospital and Emergency Care across the Asia-Pacific region by promoting high quality research into resuscitation.



Our Goals

We aim to re-develop an EMS system in Malang

...in order to improve...

A better EMS system in Malang

What we currently do...

Pre-Hospital Workgroup for EMS Development Project,
Faculty of Medicine - Universitas Brawijaya

1. Department of Emergency Medicine
2. Department of Emergency Nursing
3. Department of Public Health

Steps

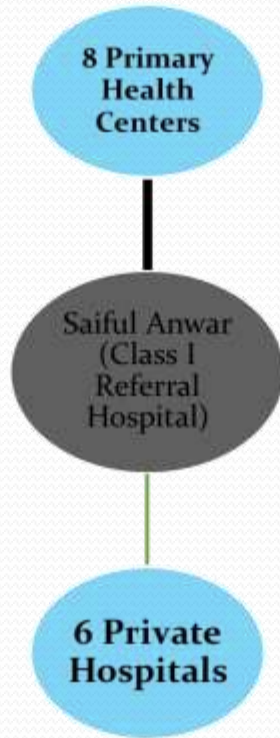
1. To apply a standardized Medical Records for patients referred to Saiful Anwar Hospital
2. To collaborate with 8 Public Health Centers (satellite hospital; network hospitals for Universitas Brawijaya – Saiful Anwar Hospital)
3. To introduce EMS in Malang

Standardized Medical Record

Collaborating with 8 Public Health Centers

Our EMS system?

Only Public Health Centers that have a network with Universitas Brawijaya – Saiful Anwar Hospital



Introducing EMS in Malang

To re-develop EMS system in Malang

Prof. Hideharu Tanaka encouraged the importance of EMS services



Layperson CPR and defibrillation in the public area- the Japanese experience

Hideharu Tanaka MD,PhD.

Professor and Chairman

EMS systems, Graduate School, Kokushikan University

Member of Resuscitation committee, AED committee, CPR implementation committee



April 2012 at Surabaya, Indonesia

'Chest Compression for Life' Project for non-medical students and university staffs



(A special thank to Prof. Hideharu Tanaka)

On-going Researches:

1. Medical Transports and Its Influencing Factor for Refereed patients to Saiful Anwar Hospital (Meilya Silvalila, Ali Haedar, Respati Suryanto Dradjat, Sri Andarini)
2. Awareness of Cardiopulmonary Resuscitation among University Students; an Initiative Project in Universitas Brawijaya Indonesia (Tony Suharsono, Suryanto, Ali Haedar, Retty Ratnawati)
3. Chest Compression Only Vs. CPR Among Lay Persons; Mannequin Study (Erik Hadimuljono, Tony Suharsono, Ali Haedar, Nanik Setijowati)

Abstract

Awareness of Cardiopulmonary Resuscitation among University Students; an Initiative Project in Universitas Brawijaya Indonesia

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Introduction: Cardiopulmonary resuscitation (CPR) is exclusively conducted for medical personnel. CPR course is thought for 4th year in health-related faculty students. Faculty of Medicine Universitas Brawijaya has initiated a project to commence CPR course for all non-health-related students in the university. **Objectives:** This is a preliminary study to examine the awareness of CPR among university students. **Methodology:** A cross sectional study was conducted by assessing responses to 10 selected basic questions regarding cardiopulmonary resuscitation prior to their attendance to the 1st batch CPR course. 51 students were included in the study. The main outcome measure is the level of knowledge of CPR was assessed via the number of correct response to questions regarding CPR. **Result:** We analyzed on 51 responders after excluding the 1 incomplete response form. The result were analyzed using an answer key prepared with the use of the basic life support manual. Out of 52 responders 19 were medical students, 33 were non medical students. Only 3 responders (5,8%) had completed knowledge of CPR. Only 8 out of 52 (15,4%) had secured 90 mark, 9 out of 52 (17,3%) had secured 80 mark, and 32 out of 52 (61,5%) had secured less than 80 mark. A Majority of them, that is, 11 (21,2%) had secured 70 mark. **Conclusion:** CPR has never been introduced for non-health related students. We revealed that awareness of cardiopulmonary resuscitation among student at Universitas Brawijaya is very poor. Despite of sufficient number of CPR instructors, it is unfortunate that we are still lacking of mannequins. Cheap and handy mannequins for the course would be very beneficial to carry on the project. Based on this preliminary study result, Universitas Brawijaya will continue this particular project to teach CPR for all students and staff.

Keywords: CPR, lay-person CPR, CPR mannequins, CPR knowledge



EMS ASIA 2013

Singapore, Khoo Teck Puat Hospital
7 April 2013



Up-coming int'l project in collaboration with Asian EMS



**1ST NATIONAL ANNUAL SCIENTIFIC MEETING ON EMERGENCY MEDICINE:
 NEW WAVE OF EMERGENCY MEDICINE IN INDONESIA**
 in conjunction with
THE 1ST INTERNATIONAL CONFERENCE ON EMERGENCY MEDICINE INDONESIA

23 - 29 September 2013, Ballroom Mates Santika, Malang

TOP Simposium & Workshop / 12

SIMPOSIUM *Topik, Pembicara dan Moderator*

WORKSHOP

KOMPETISI / LOMBA

BIAYA PENDAFTARAN

Kategori	Biaya Pendaftaran	Biaya Akomodasi	Biaya Makan
Organisasi	Rp. 1.500.000	Rp. 2.000.000	Rp. 1.000.000
Individu	Rp. 1.000.000	Rp. 1.500.000	Rp. 750.000
Mahasiswa	Rp. 500.000	Rp. 750.000	Rp. 375.000
Retiree	Rp. 250.000	Rp. 375.000	Rp. 187.500

METODE PEMBAYARAN

INFO AKOMODASI

FIRST ANNOUNCEMENT