

Progress Report: Resuscitation Academy (RA) 10-Step Implementations in Indonesia

Ali Haedar

Background

Resuscitation Academy (RA)) 10-Step to Improve Cardiac Arrest Survival

1. Establish a cardiac arrest registry
2. Begin Telephone-CPR with ongoing training and QI
3. Begin high-performance EMS CPR with ongoing training and QI
4. Begin rapid dispatch
5. Measure professional resuscitation using the defibrillator recording (and voice if possible)
6. Begin an AED program for first responders, including police officers, guards, and other security personnel.
7. Use smart technologies to extend CPR and public access defibrillation programs to notify volunteer bystanders who can respond to nearby arrest to provide early CPR and defibrillation
8. Make CPR and AED training mandatory in schools and the community
9. Work toward accountability – submit annual reports to the community
10. Work toward a culture of excellence

Gaps in Resuscitation Academy (RA) 10-Step to Improve Cardiac Arrest Survival in Indonesia

1. **NO** national cardiac arrest registry; un-unified hospital registry
2. **NO** single EMS system in Indonesia; but there's National Command Centre
3. **NO** formal training for EMS personnel
4. Hospital based EMS system; **NO** standardised dispatch time
5. Hospital based EMS system; **NO** standardized ambulance
6. **NO** nationally-organised AED program; university/hospital initiative
7. **NO** nationally-organised extend CPR and public access defibrillation programs; university/hospital initiative
8. **NO** nationally-organised CPR and AED training; university/hospital initiative
9. **NO** national agency to work on this; university/hospital initiative
10. **NOT** yet implemented

School of Health Sciences

UB-UPEC-NYP Meeting, 29 Jan 2018

Results

from the UB-UPEC-NYP Meeting

- University initiatives are important to improve OHCA community survival rates
- Universitas Brawijaya Indonesia is very enthusiastic in emergency education;
 - the first university in Indonesia who conducts EM Specialist Training program & Emergency Nursing Postgraduate Program
 - Willing to be the first university that introduce paramedic training program in Indonesia
- Learning from other developed EMS-system countries, we will train nurses to be a paramedics with a 1-year training program
- We will start by training the trainers/instructors/tutors, with a 1-year training program, with the master training from UPEC and NYP Singapore

PAROS Grant

- UNIVERSITAS BRAWIJAYA a member of the PAROS Clinical Research Network participating in the Study
- To implement Resuscitation Academy (RA) 10-Step
- in the PAROS Group' Grant application ID: PAROS|2018|01 and approved on 29 June 2018 for **USD \$30,000.**

IN WITNESS WHEREOF the Parties hereto have caused this Agreement to be executed by their respective duly authorised representatives.

For and on the behalf of HOST INSTITUTION:



Signature:

Name of signatory: Prof. Dr. Nuhil Hanani AR., MS.

Designation: Rector of Universitas Brawijaya

Date: 24/05/2019

In the presence of: -



Signature of witness:

Name of witness: Dr. dr. Wisnu Barlianto, Msi.Med, Sp.A(K)

Designation: Dean of Faculty of Medicine

Date: 24 MAY 2019

Agenda

1-year program

Deliverables listed by site in the application form

Duration	Deliverables
1 May – 31 May 2019	Start of the project
1 June – 30 June 2019	Gap analysis of the curriculum
1 July – 31 July 2019	Visiting of the experts both from Singapore and national level of Indonesia (Ministry of Health, Nurse Association)
1 Aug – 31 Aug 2019	Depth analysis of the curriculum. Working together with the experts to establish the curriculum.
1 Sep – 30 Sep 2019	Preparation for Training of Trainers
1 Oct – 31 Oct 2019	Slot for Training of Trainers
1 Nov – 30 Nov 2019	Mid-Term Report
1 Sep – 31 Jan 2020	Slot for trainings or courses for core team, slot for conferences/seminars/workshops, slot for fellowship/attachment
1 Feb – 29 Feb 2020	Preparation for launching
1 March – 30 May 2020	Launching the Paramedicine Program
1 June – 31 June 2020	Evaluation and Final Report

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Thank you