PAROS Study in Malang

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Background

- There is no data for out-of-hospital cardiac arrest (OHCA) case in Indonesia
- No resuscitation attempt for OHCA
- People perceive that only health workers are responsible for resuscitation attempt
- CPR skill belongs to health workers

Background

- There is no EMS in Malang
- AED is not for public access except in airports

Challenge

- How to raise the awareness of cardiac arrest
- How to teach CPR and AED to lay people
- How to obtain OHCA incident data and convey its severity to lay people and health workers

Strategy

- Raising the awareness of SCA, teaching how to do CPR and to use AED
- Collecting Paros study data to show the urgency level of SCA

Strategy

- Raising the awareness of SCA, teaching how to do CPR and to use AED
  - UB *Siaga Henti Jantung* Project in 2013
  - Teaching Chest Compression and How to Use AED to Junior and Senior High School Teachers in Malang (Feb 3, 2014)
  - Teaching Chest Compression and How to Use AED to Civil Protection members (Mar 19-20, 2014)
  - Teaching Chest Compression and How to Use AED to non-medical students in Brawijaya University (Mar 25, 2014)
  - Teaching Chest Compression and How to Use AED to ambulance drivers and hotel securities in Malang (Jun 14, 2014)

Strategy

- Obtaining Pharos study data
  - Socializing the importance of EMS to health workers in Malang through EMS Seminar: Where do We Start?
  - Networking in 9 hospitals and 25 primary health care in Malang to obtain Pharos data
  - Recruiting medical students to obtain prehospital data

Obstacles in Obtaining OHCA Data

- The nurses who collected data in the hospitals have yet to understand how to fill the Pharos Study forms
- The nurses ask whether they will be rewarded for collecting the data
- Is it possible to change the format into retrospective one for a lowly detected SCA cases?

Solution

- Training the nurses who are involved in collecting Paros Study data
- Pre-hospital data are collected retrospectively by interviewing the patient's family or guardian

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