



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

## STUDY PROPOSAL REQUEST FORM

Please complete the form and email to PAROS secretariat at [paros.secretariat@yahoo.com](mailto:paros.secretariat@yahoo.com) by the stipulated date. You will be notified in due time on whether your study has been accepted for presentation.

### 1. BASIC INFORMATION

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### 2. TYPE OF REQUEST (Please select one)

<input checked="" type="checkbox"/> New Study Proposal (initial)	<input type="checkbox"/> Secondary Analyses	<input type="checkbox"/> Explanatory Analyses
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### 3. STUDY TITLE

**Resuscitation Academy (RA) 10-Step Implementations in the Pan-Asian Resuscitation Outcomes Study (PAROS) group**

### 4. ABSTRACT OF STUDY PROPOSAL

**In no more than 350 words, describe the study under the given headings below.**

#### Objectives/Hypotheses

During the 2015 Consensus on Science and Treatment Recommendations, the International Liaison Committee (ILCOR) and the Resuscitation Academy (RA) promoted the following implementations for better OHCA outcomes:

- 1) Establish a cardiac arrest registry;
- 2) Begin Telephone-CPR with ongoing training and quality improvement (QI);
- 3) Begin high-performance EMS CPR with ongoing training and QI;
- 4) Rapid dispatch;
- 5) Measure professional resuscitation using the defibrillator recording;
- 6) Use smart technologies, such as smartphone applications, to notify volunteer bystanders who can respond to nearby arrest to provide early CPR and defibrillation;
- 7) AED program for first responders, including police officers, security personnel, etc.;
- 8) Make CPR and AED training mandatory in schools and the community;
- 9) Work toward accountability– submit annual reports to the community;
- 10) Work towards culture of excellence

This study will survey the PAROS participating sites on the steps that had already been implemented in their countries, to what extent the steps had been implemented (e.g. 30% of OHCA cases with telephone CPR), barriers that prevent the steps from being implemented, etc. Bystander CPR and defibrillation rates, survival outcomes, response times, etc. will be compared between the countries.

**Methodology** (To include sample size, settings, inclusion & exclusion criteria, etc. For secondary & explanatory analyses: include statistical plan, type of analyses, measurement, etc.)

Survey forms will be distributed to the PAROS participating countries via email/ survey monkey or during PAROS/ Resuscitation Academy meetings.

Outcome data will be extracted from the e-paros platform; data from countries with existing national cardiac arrest registries will be extracted via an export field entry process, which will auto-populate the PAROS registry. The 10-Step implementations will be correlated with outcomes; comparison of implementations and outcomes

Secretariat

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3. Try to use big fonts and contrasting colours to increase readability e.g.
  - a. Black/dark blue font against white background
  - b. White/yellow font against black background
  - c. Black font against blue background

For any enquiries, please contact PAROS secretariat at [paros.secretariat@yahoo.com](mailto:paros.secretariat@yahoo.com)

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