



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 patricia.tay@scri.edu.sg by the stipulated date. You will be notified in due time on whether your study has been accepted for presentation.

Reminder: Please check the list of existing proposals and publications from <https://www.scri.edu.sg/crn/pan-asian-resuscitation-outcomes-study-paros-clinical-research-network-crn/paros-publications/> to avoid duplications of proposals. Abstract and manuscript must be sent to PAROS chairs for approval before submission for presentation/publication.

1. BASIC INFORMATION

Name: Sattha Riyapan

Designation: Physician, Mahidol University

Email: sattha.riy@mahidol.ac.th

Country: Thailand

2. TYPE OF REQUEST (Please select one)

New Study Proposal (initial)

Secondary Analyses

Explanatory Analyses

3. STUDY TITLE

Variability of a first responder dispatch after out-of-hospital cardiac arrest among Asian countries

4. ABSTRACT OF STUDY PROPOSAL

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

Objectives/Hypotheses

Dispatch of first responder in addition to advanced life support has been proved to increased survival outcomes among out-of-hospital cardiac arrest (OHCA) patients. There are community first responder CPR projects initiated worldwide. However, there was a little data compared characteristics of first responder alert in OHCA patients among Asian countries. The objective of this study is to identify incidence of first responder dispatch in each PAROS country. We also compare characteristics of first responder resuscitation and outcomes in the first responder dispatch cases among Asian countries.

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

The study will include all OHCA patients who utilized EMS system in PAROS database. The exclusion criteria are the patients who was not received any resuscitation attempt. The traumatic arrest patients will be also excluded. We define the first responder dispatch cases as the OHCA record that had time first responder dispatched. Primary outcome is to compare incidence of first responder dispatch cases in each country using chi-square test. In first responder dispatch group, percentage of bystander and first responder CPR before EMS arrival and other baseline characteristics will be compared within the countries as secondary outcome. We also identify survival outcomes among the first responder dispatch cases in each countries. .

Significance of the study (e.g. provide brief description on how the study can improve current

The study will provide information for benchmarking for community first responder CPR projects among PAROS countries. The result will be identify opportunity of improvement to increase first responder CPR before EMS arrival among Asian population.

Secretariat

Singapore Clinical Research Institute Pte Ltd (Reg No: 200812355Z)

31 Biopolis Way, Nanos #02-01, Singapore 138669 | Tel: (65) 6508 8356 | Fax: (65) 6508 8317 | Website: www.scri.edu.sg



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

For Official Use (Assessor only)

(A) Score (please highlight the appropriate score):

1	2	3	4	5	6	7	8	9	10
<i>Unfavourable</i>							<i>Favourable</i>		

(B) Comments (free text):

GUIDELINES FOR PREPARING NEW PROPOSAL PRESENTATION

If your study proposal has been accepted for presentation, you will be notified by the Secretariat. Please prepare your presentation slides in accordance to the following instructions. Each presenter is given 10 minutes to present (8min presentation + 2min Q&A).

General Instructions

1. Presentation must include the following sections:
 - a. Introduction
 - b. Objectives/Hypotheses
 - c. Methodology
 - d. Significance

2. Limit total number of slides to not more than 12. The following are the recommended number of slides for each section.
 - a. Introduction – maximum of 2 slides
 - b. Objectives/Hypotheses – maximum of 2 slides
 - c. Methodology – maximum of 6 slides
 - d. Significance – maximum of 2 slides

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

Secretariat

Singapore Clinical Research Institute Pte Ltd (*Reg No: 200812355Z*)

31 Biopolis Way, Nanos #02-01, Singapore 138669 | Tel: (65) 6508 8356 | Fax: (65) 6508 8317 | Website: www.scri.edu.sg
