



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

<http://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

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Country: Singapore

New Study Proposal (initial)

Secondary Analyses

Explanatory Analyses

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

Objectives/Hypotheses

To investigate the trends of DA-CPR and bystander CPR rates in OHCA patients between intervention groups (basic, comprehensive, control) of DA-CPR Resuscitation Package

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

This is a retrospective international, multi-centre cohort study of out-of-hospital cardiac arrest (OHCA) across the Asia-Pacific. All non-traumatic OHCA cases conveyed to emergency departments, unwitnessed by EMS/ambulance that occurred between January 2009 and December 2016 in the PAROS network will be included. All OHCA cases where resuscitation was not attempted or unknown will be excluded from this study.

The trends of Dispatcher-Assisted Cardio-Pulmonary Resuscitation (DA-CPR) and bystander CPR rates in OHCA patients between intervention groups (basic, comprehensive, control) of DA-CPR Resuscitation Package will be investigated and descriptively analysed.

The secondary objective is to investigate and compare the trends of survival to discharge and neurological outcomes between intervention groups (basic, comprehensive, control) in PAROS participating countries and descriptively analysed.

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

Currently, there are no existing studies reporting on the trend of DA-CPR rate between DA-CPR Resuscitation Package intervention groups of PAROS participating countries. Furthermore, there is no existing study on the

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trend of survival and neurological outcomes between DA-CPR intervention groups. The results will ascertain whether the success of DA-CPR intervention seen in Singapore is similarly replicated in other PAROS participating countries. The extent of the difference in outcomes of basic and comprehensive DA-CPR intervention is useful to guide policymaking especially countries without DA-CPR intervention.

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

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