



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

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2. TYPE OF REQUEST (Please select one)

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

Utstein Factors and Outcomes in Traumatic Out-of-Hospital Cardiac Arrests

4. ABSTRACT OF STUDY PROPOSAL

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

Objectives/Hypotheses

Traumatic OHCA has very poor survival rates. Little is known of characteristics that are associated with patient outcomes. This contrast sharply with non-traumatic OHCA where utstein prognostic factors are well established, e.g. witnessed arrest, bystander CPR and initial shockable rhythm.

The objective of this study is to investigate the relevance of utstein factors that are associated with outcomes in patients suffering from traumatic OHCA, using multivariable logistic regression models, with a specific focus on utstein factors associated with achieving prehospital ROSC and survival to hospital discharge with good neurological outcomes.

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

Retrospective data extracted from PAROS dataset.

Inclusion criteria are all patients with traumatic OHCA who received prehospital resuscitation.

Exclusion criteria include all non-traumatic OHCA and traumatic OHCA in which resuscitation were not attempted at scene or declared dead at scene.

Statistical analysis using univariate and multivariable logistic regression models to identify patients and prehospital utstein factors associated with prehospital ROSC, survivable to hospital discharge and good neurological outcomes.

Significance of the study (e.g. provide brief description on how the study can improve current Determine relevance of utstein factors in predicting outcomes in traumatic OHCA.

For Official Use (Assessor only)

Secretariat

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

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

1 2 3 4 5 6 7 8 9 10

Unfavourable

Favourable

(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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