



STUDY PROPOSAL REQUEST FORM

Please complete the form and email to PAROS secretariat at patricia.tay@scri.cris.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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Country: Taiwan

2. TYPE OF REQUEST (Please select one)

New Study Proposal (initial)

Secondary Analyses

Explanatory Analyses

3. STUDY TITLE

The Validation and Development of Termination-of-Resuscitation (TOR) rules in Patients Following Out-of-Hospital Cardiac Arrest (OHCA) in Asia Countries

4. ABSTRACT OF STUDY PROPOSAL

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

Objectives/Hypotheses

1. Prehospital termination-of-resuscitation (TOR) rules were developed in North American and European sites. Whether they remained valid in different geographic, ethnic, and cultural background areas is still under debate.
2. Differences in characteristics of out-of-hospital cardiac arrests (OHCAs) and configurations of emergency medical service (EMS) between the Western and Asian countries, including relatively lower rate of presenting shockable rhythm (i.e. ventricular fibrillation / ventricular tachycardia; VF/VT), lower rates of bystander CPR, less advanced life support (ALS) implementation, and less public access defibrillators, might create potential threats to the prediction accuracy of TOR rules.
3. We aim to conduct a study to validate the performance of ever published TOR rules in Asian OHCA population, including non-traumatic, traumatic, and pediatric OHCA patients. Furthermore, assess the possible variables that may impact the performance of TOR rules.
4. We also aim to develop new TOR rules based on PAROS registry for Asia population, focusing on non-traumatic, traumatic, and pediatric OHCA patients, respectively.

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

1. Setting: the analysis of PAORS databank
 - Inclusion: OHCA patients; divided by different area
2. Test criteria: Goto TOR rules, Shibahashi TOR rules and universal TOR rules announced by ACLS guidelines 2020, including ALS rules and BLS rules
3. Predictive performance: Defined as items below: Sensitivity, specificity, positive predictive rate, and

Secretariat

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

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

- 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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