



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: Hyun Wook Ryoo	Designation: Associate professor.	
Email: ryoo@knu.ac.kr	Country: South Korea	
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
3. STUDY TITLE		
Association between Response Time Interval and Favorable Neurologic Outcome according to Bystander CPR : Pan Asian Resuscitation Outcome Study		
4. ABSTRACT OF STUDY PROPOSAL		
In no more than 350 words, describe the study under the given headings below.		
Objectives/Hypotheses Successful resuscitation by response time interval (RTI) from collapse to EMS response will be different according to bystander CPR. This study aimed to determine the threshold of RTI for favorable neurologic outcome according to bystander CPR		
Methodology This study is a retrospective, observational analysis of data from PAROS. Inclusion criteria is out of hospital cardiac arrest (OHCA) patients with EMS treated, non-traumatic, witnessed arrest, and older than 18 years. OHCA patients from nursing home and EMT witnessed OHCA patients will be excluded from this study population. ROC curve analysis will be used to find the optimal cut-off values for the RTI predicting favorable neurologic outcome. In addition the adjusted Odds ratios and 95% confidence intervals for favorable neurologic outcomes of the optimal cut-off value of RTI and continuous RTI (by 1min) will be assessed using multivariable logistic and linear regression test. Independent variables for adjustment are age, sex, initial arrest rhythm.		
Significance of the study This study may clarify the association between RTI and favorable neurologic outcome according to bystander CPR in Asian countries. So we are expecting this study will be helpful for establishing the reasonable EMS ambulance allocation		

For Official Use (Assessor only)

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

Secretariat

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

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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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