



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

Name: So Yeon "Joyce" Kong

Designation: Research Professor

Email: soyeon.kong@gmail.com

Country: Korea

2. TYPE OF REQUEST (Please select one)

New Study Proposal (initial)

Secondary Analyses

Explanatory Analyses

3. STUDY TITLE

The effects of cancer on outcomes after out-of-hospital cardiac arrest:

4. ABSTRACT OF STUDY PROPOSAL

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

Objectives/Hypotheses

The survival of cancer patients after in-hospital cardiac arrest has been reported to be poor compared with those without malignancy. However, limited data are available on outcomes of out-of-hospital cardiac arrest (OHCA) in vulnerable populations, particularly in cancer patients. The objective of this proposed study is to examine the impact of cancer on outcomes after OHCA. We hypothesize that lower survival and good neurological outcomes are associated with malignancy.

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

Setting: Seven PAROS Participating countries (Japan, Korea, Singapore, Taiwan, Thailand, Malaysia, and UAE)

Study population:

Inclusion: Adult (≥ 18 years) EMS-treated OHCA patients with presumed cardiac etiology and ROSC

Exclusion: Unknown history of cancer, survival at discharge, and neurological outcomes.

Exposure: Cancer status (having cancer vs. no cancer)

Outcomes:

Primary outcome: Good neurological recovery (measured by good CPC)

Secondary outcome: Survival at discharge

Covariates including age, gender, other comorbidity (heart, respiratory, and renal diseases, diabetes, and HIV), year of arrest

Statistical analysis: Multivariable logistic analysis.

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



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

Despite increasing number of OHCA patients as well as those with cancer, there are limited studies on outcomes of OHCA in cancer patients. As number of cancer patients are increasing worldwide, it is important to evaluate survival outcomes of OHCA among cancer patients. Understanding the influence of malignancy on outcomes after OHCA may also offer patients and clinicians a greater understanding of the prospect treatments in this vulnerable group of population.

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(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

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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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