



Main Study & Publication Committee Updates

New Study Proposal 1



Proposer	Title	Objectives/Hypothesis
Dr Takashi Tagami (Japan)	Treatments and outcomes among elderly patients with out-of-hospital cardiac arrest in Asian countries	<p>OHCA is an important problem in elderly populations as it occurs more frequently in the elderly than in the younger generation.</p> <p>With the population aging rapidly, it is rational to presume that the number of elderly patients with OHCA will increase in the near future. However, limited studies have focused on OHCA in elderly patients.</p> <p>Aims to evaluate the treatments and outcomes among elderly OHCA patients because the patients' age may significantly confound both pre- and post-resuscitation care and outcomes of OHCA patients.</p> <p>However, there may be a difference exist among different countries in proportion of treatments provision and outcomes for elderly OHCA patients.</p>

New Study Proposal 2



Proposer	Title	Objectives/Hypothesis
Dr Takashi Tagami (Japan)	Percutaneous coronary intervention provision and outcomes among cardiogenic out of hospital cardiac arrest in Asian countries	<p>Based on the Japanese nation-wide in-hospital database, it was found that the rates of post resuscitation care provision, including coronary intervention, for adult patients with ventricular fibrillation–related cardiogenic out of hospital cardiac arrest (OHCA) increased significantly over time in Japan. The 30-day mortality rate also decreased significantly over time and may be associated with the increase in post-resuscitation care provision.</p> <p>Although advances in post-cardiac arrest care may contribute to improving outcomes, there are limited data on changes in the use of percutaneous coronary intervention (PCI) over time and their impacts on patient outcome among Asian countries.</p>

PAROS Main Papers



- ▶ **Modifiable factors for OHCA Survival**
 - *Resubmitted to Annals of Emergency Medicine (Pending review)*

- ▶ **Cost-effectiveness of Modifiable Factors for OHCA Survival**
 - *Pending analysis*

OHCA PC_Group A

A/Prof Marcus Ong



Study Title	First Author	Status updates for 2 Aug 2017 meeting
Supraglottic Airways and Endotracheal Intubation <i>Note from previous meeting: Dr Kentaro does not have time to continue with the study, Dr Omer will lead the study and Dr Kentaro remain as co-author.</i>	Dr Omer Alsakaf	Pending analysis
Model derivation and validation to explore relationship between presenting rhythm, subsequent shockable rhythm, response time and survival outcomes	Dr Marcus Ong	Published in Am J Emerg Med
Paediatric OHCA Resuscitation Outcome	Dr Tham Lai Peng	Pending submission to journal
Time Interval between Collapse and Return of Spontaneous Circulation between Various Outcomes in Out-of-Hospital Cardiac Arrest	Dr Sumitro	Pending re-analysis
Association of outcomes and resuscitative efforts amongst out-of-hospital cardiac arrest occurring at night in the Asia-Pacific – a prospective, observational study	Dr Andrew Fu Wah Ho	Presented at SGH ASM 2017 and EMS 2017 Copenhagen Submitted to journal; pending acceptance
Barriers to dispatcher-assisted cardiopulmonary resuscitation (DA-CPR)	Dr Marcus Ong	Pending full dataset
Resuscitation Academy (RA) 10-Step Implementations in the Pan-Asian Resuscitation Outcomes Study (PAROS) group	Dr Marcus Ong	Survey drafted and will be rolled out to GRA consensus meeting participants.
Epidemiology of OHCA between developing and developed countries	Takahiro Hara, Dr Marcus Ong	Abstract completed. Pending manuscript

EMS System PC_Group B

Prof Sang Do Shin



Study Title	First Author	Status updates for 2 Aug 2017 meeting
Relationship between OHCA burden and cardiac arrest outcomes	Dr Kuo Chan-Wei	Statistics were done and under discussion (status in Aug 2016)
Place-Provider Matrix and Time Interval to Initiation of CPR and Defibrillation After OHCA	Prof Sang Do Shin	Under data analysis. Target to complete the paper by Aug 2017.
Resuscitation time interval at the scene and outcomes after out-of-hospital cardiac arrest in PAROS communities	Prof Sang Do Shin	Under data analysis. Target to complete the paper by Aug 2017.
Location Characteristics and The Outcome Impact on OHCA among PAROS Communities	Dr Patrick Ko	Under analysis (status in Aug 2016)
Impact of heart disease on survival outcomes after out-of hospital cardiac arrest	Magdalene Lee	Manuscript Submitted (status in Aug 2016)
Arrest to first compression time and survival outcome in witness OHCA.	Dr Yu Jin Lee	New Proposal Aug 2016

EMS Survey PC_Group C

Prof Hideharu Tanaka



Study Title	First Author	Status updates for 2 Aug 2017 meeting
Non-Cardiac OHCA in PAROS	Dr Young sun Ro	
Safety practices among Asia EMS	Dr Sarah Karim	Unable to complete. So far no reply from other EMS System. Have to relook into the methodology. (status in Aug 2016)
EMS Training and Education <i>Note from previous meeting (Nov 2015): Takahiro Hara completing the manuscript</i>	Prof Hideharu Tanaka	Paper accepted to Asian EMS journal next version
Differences in Dispatcher CPR rates amongst various PAROS countries	Dr Ng Yih Yng	Finalizing survey design. To send out in August (status in Aug 2016)
A survey on public access defibrillation (PAD) implementation among PAROS members	Dr Sheng-Wen Hou	Preparing On-Line survey. Should be ready in September (status in Aug 2016)
Early epinephrine administration after 119 call improve favorable neurological outcome in PAROS registry	Dr Takyu Hiroshi	
Comparison of dispatcher-assisted cardiopulmonary resuscitation (DA-CPR) practices among Pan-Asian Countries: A web-based survey	Dr Ng Yih Yng	piloted survey with a few doctors and are in the process of finalizing survey design. Target to send out in August

ED Survey PC_Group D

Prof Matthew Ma



Study Title	First Author	Status updates for 2 Aug 2017 meeting
EGDT/ Hypothermia	Dr Patrick Ko	
In OHCA, does shortening the response time effect survival?	Dr Chiang Wen-Chu	Data analysis (status in Aug 2016)
Diurnal Variation of Outcomes after OHCA according to Asian Communities <i>Note: Previous title "Characteristics and Temporal variability in OHCA in Asia"</i>	Dr Hyun Wook Ryoo	Accepted in Emergency Medicine Australasia in May 2017
Predictive performance of Termination-Of-Resuscitation (TOR) rules in Asia: Are They Accurate Enough?	Dr Huang Yu-Sheng	
Outcome Prediction for OHCA Patients Using Statistical Computation Approaches	Dr Liu Nan	Expect to complete the first draft
Analyzing the utilization of ECMO for OHCA in current situation among PAROS communities	Dr Patrick Ko	
The Outcomes of Traumatic or Injured Out-of-hospital Cardiac Arrest and Ventricular Fibrillation	Dr Yen-Pin Chen, Dr Sot Shih-Hung Liu Dr Patrick Chow-In Ko	New Proposal Aug 2016 Seoul Meeting



Authorship Guidelines

- Authorship is based on contribution of data
- Members who have any concerns regarding authorship can approach the chair and co-chairs
- Authors are free to use their own country's data for secondary papers and can choose their own collaborators. However, the paper needs to acknowledge PAROS CRN
- Co-authors will be suggested by the Publication Committee Chairs for secondary papers that use the combined PAROS database; lead author can propose changes subject to Publication Committee Chairs' approval



Authorship Guidelines

- Authors are required to sign a letter of undertaking when dataset is given to them
- Abstracts and papers must be submitted to chairs before it can be submitted for publication. This is also to prevent overlapping of materials, which may constitute plagiarism.
Note: Draft manuscripts will be ran through the Turnitin software to identify any overlapping materials