



PAROS BULLETIN

Volume 10 • Issue 2 • Dec 2020

Announcement ...

Contents

Page 2
PAROS Publications

Page 4
PAROS New Studies

Page 5
Upcoming Event

Page 6
Past Event

Page 8
Joining PAROS



PAROS 2 Data Cleaning has been completed.

You may contact Maeve, pek.pin.pin@singhealth.com.sg or Shahidah, nur.shahidah.ahmad@singhealth.com.sg for the data for your approved study.

PAROS Website:

<http://www.scri.edu.sg/scri/index.php/clinical-research-networks/pan-asian-resuscitation-outcomes-paros-clinical-research-network>

Trial Coordinating Centre:



For New Research Ideas, please pen it down in the proposal form and submit it to patricia.tay@scri.cris.sg.

You may download the form from this [link](#).



PAROS Publications 2020...



Emergency medical dispatch services across Pan-Asian countries: a web-based survey.

Shawn Chieh Loong Lee, Desmond Renhao Mao, Yih Yng Ng, Benjamin Sieu-Hon Leong, Jirapong Supasaovapak, Faith Joan Gaerlan, Do Ngoc Son, Boon Yang Chia, Sang Do Shin, Chih-Hao Lin, G. V. Ramana Rao, Takahiro Hara, Marcus Eng Hock Ong and For the PAROS Clinical Research Network
BMC Emergency Medicine. 2020 Jan 7;20(1):1. doi: 10.1186/s12873-019-0299-1.

Strategies to improve survival outcomes of out-of-hospital cardiac arrest (OHCA) given a fixed budget: A simulation study.

Wei Y, Pek PP, Doble B, Finkelstein EA, Wah W, Ng YY, Cheah SO, Chia MYC, Leong BSH, Gan HN, Mao DRH, Tham LP, Fook-Chong S, Ong MEH
Resuscitation. 2020 Feb 3;149:39-46. doi: 10.1016/j.resuscitation.2020.01.026.
[Epub ahead of print]

PAROS Publications 2020...

Validation of the ROSC after cardiac arrest (RACA) score in Pan-Asian out-of-hospital cardiac arrest patients.

Liu N, Ong MEH, Ho AFW, Pek PP, Lu TC, Khruengkarnchana P, Song KJ, Tanaka H, Naroo GY, Gan HN, Koh ZX, Ma MH; PAROS Clinical Research Network
Resuscitation. 2020 Apr;149:53-59. doi: 10.1016/j.resuscitation.2020.01.029.

Impact of population aging on the presentation of out-of-hospital cardiac arrest in the Pan Asian Resuscitation Outcomes Study.

Tagami T, Tanaka H, Shin SD, Ma MH, Ko PC, Karim S, Khruengkarnchana P, Naroo GY, Ong MEH
Acute Med Surg. 2019 May 22;7(1):e430. doi: 10.1002/ams2.430. eCollection 2020 Jan-Dec.

Variability in the effects of prehospital advanced airway management on outcomes of patients with out-of-hospital cardiac arrest

Young Seok Oh, Ki Ok Ahn, Sang Do Shin, Kentaro Kagino, Tatsuya Nishiuchi, Matthew Ma, Patrick Ko, Marcus Eng Hock Ong, Ng Yih Yng, Benjamin Leong
Clin Exp Emerg Med. 2020 Jun;7(2):95-106. doi: 10.15441/ceem.19.022. Epub 2020 Jun 30.

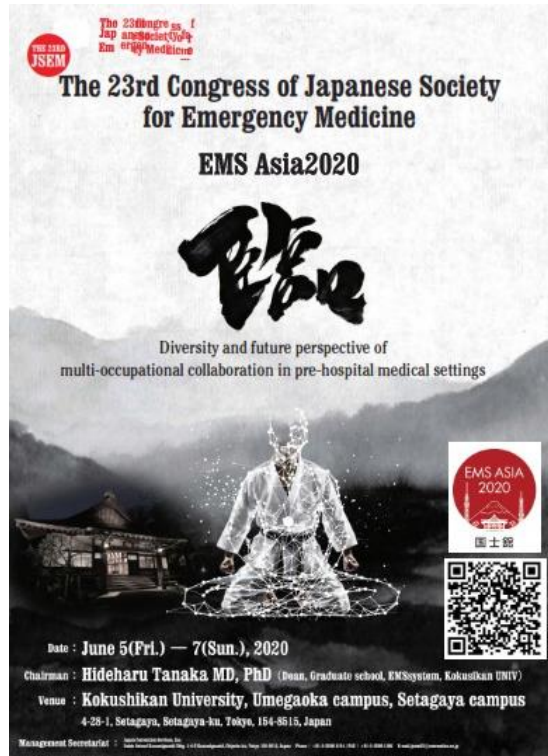
Association of response time interval with neurological outcomes after out-of-hospital cardiac arrest according to bystander CPR

Sungbae Moon, Hyun Wook Ryoo, Jae Yun Ahn, Dong Eun Lee, Sang Do Shin, Jeong Ho Park
Am J Emerg Med. 2020 Sep;38(9):1760-1766. doi: 10.1016/j.ajem.2020.05.108. Epub 2020 Jun 2.

PAROS New Studies 2020...

Study	Study Lead
Development and Validation of the Pan-Asian ROSC After Cardiac Arrest (PARACA) Score	Liu Nan, Singapore (liu.nan@duke-nus.edu.sg)
Use Artificial Intelligence and Deep Learning to Predict Clinical Outcomes for Out-of-Hospital Cardiac Arrest Patients	Liu Nan, Singapore (liu.nan@duke-nus.edu.sg)
Outcomes of OHCA patients stratified by mode of transport to the ED in Asia	Ivan Chua, Singapore (ivan.chua.s.y@singhealth.com.sg)
Descriptive comparison of OHCA survival and predictors amongst the geriatric age group in Asia	Gayathri Devi Nadarajan, Singapore (gayathri.devi.nadarajan@singhealth.com.sg)
Proposal for GRA Assessment Tool study	Gayathri Devi Nadarajan, Singapore (gayathri.devi.nadarajan@singhealth.com.sg)
Impact of COVID-19 on adult OHCA in Asia	Lim Shir Lynn, Singapore (shir_lynn_lim@nuhs.edu.sg)
Pediatric OHCA in Covid-19 Pandemic	Kenneth Doya G. Nonesa, Philippines (kdgnonesamd@gmail.com)
Early vs late Endotracheal Intubation among Out-of-Hospital Cardiac Arrest Patients in Pan-Asian Countries in the time of COVID-19 Pandemic	Daniel Unno H. Hiquiana, Philippines (uhiquiana@gmail.com)

Upcoming Event ...



For more details on EMS Asia 2021, please access the link, <https://site2.convention.co.jp/jsem23/english/>

**IMPORTANT
NOTICE**

**Due to the global Covid-19 situation,
the EMS Asia 2020 has been postponed
to 9 - 10 Sept 2021**

Past Event ...

- **The Latest Guidelines Implications**

Debate and discuss with the experts

- **Training with Excellence**

Enhance instructional expertise

- **The Business of Training**

Running your training business with live Q&A

LEARN MORE!

<https://citizencpr.org/virtualsummit2020/>



CITIZEN CPR FOUNDATION VIRTUAL SUMMIT 2020:

PUTTING SCIENCE INTO ACTION

\$99

LIVE + 45 Days
On-demand Content

December 8 & 9, 2020

PLATINUM SPONSORS



A virtual submit organized by the Citizen CPR Foundation was held on 8 & 9 Dec 2020. Prof Marcus Ong, our PAROS Chair, was one of the speakers at the submit.

The program includes:

- Implementation and implications of the guidelines
- Live debate and discussion with renowned experts in the field
- “Training with excellence” sessions in topics like BLS, ACLS, PALS, Lay responder and the business of training to enhance instructional expertise

The meeting recordings are available through the link, <https://vimeo.com/494294397>.

Past Event ...

Pan-Asia Resuscitation Outcome Study (PAROS) Clinical Research Network Annual Meeting 16 Dec 2020

✚ NEXT PAN-ASIAN RESUSCITATION OUTCOMES STUDY (PAROS) OPEN MEETING (2020/01)

Date: 16 Dec 2020

Time: 3 – 4.30pm (Singapore Time)

Venue: Online

S/N	AGENDA	UPDATE BY/ REQUESTED BY
1	Opening	Prof Marcus Ong
2	PAROS 2 Announcement -15mins	
	Data cleaning and analysis update Q & A	Maeve Pek
3	New Study Proposal (5mins each) -40mins	
	Development and Validation of the Pan-Asian ROSC After Cardiac Arrest (PA-RACA) Score	Dr Liu Nan
	Use Artificial Intelligence and Deep Learning to Predict Clinical Outcomes for Out-of-Hospital Cardiac Arrest Patients	Dr Liu Nan
	Outcomes of OHCA patients stratified by mode of transport to the ED in Asia	Dr Ivan Chua
	Descriptive comparison of OHCA survival and predictors amongst the geriatric age group in Asia	Dr Gayathri
	Proposal for GRA Assessment Tool study	Dr Gayathri
	Adult OHCA during COVID-19	Dr Lim Shir Lynn
	Paediatric OHCA during COVID-19	Dr Kenneth Daya G. Nonesa
	Early vs Late Endotracheal Intubation among Out-of-Hospital Cardiac Arrest Patients in Pan-Asian Countries in the time of COVID-19 Pandemic	Dr Daniel Unno H. Hiquilana
	Q & A (5mins)	All
4	PAROS Publications for Year 2020 (5mins each) -25mins	
	Impact of population aging on the presentation of out-of-hospital cardiac arrest in the Pan Asian Resuscitation Outcomes Study	Dr Taswim
	Emergency medical dispatch services across Pan-Asian countries: a web-based survey	Shawn Lee
	Strategies to improve survival outcomes of out-of-hospital cardiac arrest (OHCA) given a fixed budget: A simulation study	Maeve Pek
	Validation of the ROSC after cardiac arrest (RACA) score in Pan-Asian out-of-hospital cardiac arrest patients	Dr Liu Nan
	Association of response time interval with neurological outcomes after out-of-hospital cardiac arrest according to bystander CPR	Dr Sunil Moon
	Q & A (5mins)	All
5	Close	

Due to the global COVID-19 situation, the Pan-Asia Resuscitation Outcome Study (PAROS) Clinical Research Network members are unable to meet physically this year for the PAROS annual group meeting. This year the PAROS annual group meeting was held virtually on 16 Dec 2020.

At the PAROS meeting, Maeve Pek updated the team on the status of the PAROS 2 data cleaning and analysis. New study proposals were also presented by the respective study PIs. The meeting ends off with the PAROS publication presentations by the respective authors.

Joining PAROS ...

WELCOME

To become one of us, please go to:

<http://www.scri.edu.sg/crn/pan-asian-resuscitation-outcomes-study-paros-clinical-research-network-crn/members/> to download the registration form. Kindly submit the completed form to patricia.tay@scri.cris.sg.

If you have any feedback or would like to feature updates on OHCA, pre-hospital emergency care, EMS, etc. from your country in the PAROS Bulletin, kindly write to Ms Patricia Tay, PAROS secretariat, at patricia.tay@scri.cris.sg.

