



PAROS BULLETIN

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PAROS Publications Yr 2019...

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Outcomes and modifiable resuscitative characteristics amongst pan-Asian out-of-hospital cardiac arrest occurring at night.

Ho AFW, Hao Y, Pek PP, Shahidah N, Yap S, Ng YY, Wong KD, Lee EJ, Khruengkarnchana P, Wah W, Liu N, Tanaka H, Shin SD, Ma MH, Ong MEH; PAROS Clinical Research Network.

Medicine (Baltimore). 2019 Mar;98(10):e14611. doi: 10.1097/MD.00000000000014611.

PAROS Website:

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

Trial Coordinating Centre:



Announcement 1 ...



New PAROS Executive Committee (Term 2019-2022)

	Name	Designation	Representing Country
1.	Prof Marcus Ong Eng Hock	Chairman	Singapore
2.	Prof Sang Do Shin	Co-Chairman	Korea
3.	Prof Hideharu Tanaka	Co-Chairman	Japan
4.	Prof Matthew Huei-Ming Ma	Co-Chairman	Taiwan
5.	Dr Ryu Hyun Ho	Exco Member	Korea
6.	Dr Ryoo Hyun Wook	Exco Member	Korea
7.	Dr Kentaro Kajino	Exco Member	Japan
8.	Dr Takashi Tagami	Exco Member	Japan
9.	Dr Patrick Ko	Exco Member	Taiwan
10.	Dr Lin Chih-Hao	Exco Member	Taiwan
11.	Dr Sarah karim	Exco Member	Malaysia
12.	Dr Darin Wong	Exco Member	Malaysia
13.	Dr Ng Yih Yng	Exco Member	Singapore
14.	Dr Benjamin Leong	Exco Member	Singapore
15.	Dr Pairoj Khruengkarnchana	Exco Member	Thailand
16.	Dr Jirapong Supasaowapak	Exco Member	Thailand
17.	Dr Cai Wen Wei	Exco Member	China
18.	Dr Zhou Sheng Ang, Ander	Exco Member	China
19.	Dr Nguyen Dat Anh	Exco Member	Vietnam
20.	Dr Do Ngoc Son	Exco Member	Vietnam
21.	Dr Munawar Khursheed	Exco Member	Pakistan
22.	Dr Nadeemullah Khan	Exco Member	Pakistan
23.	Dr Faith Joan Gaerlan	Exco Member	Philippines
24.	Dr Bernadett Velasco	Exco Member	Philippines
25.	Mr Vimal M	Exco Member	India
26.	Dr Rajanarsing Rao HV	Exco Member	India
27.	Dr Mazen El Sayed	Exco Member	Lebanon

Announcement 2 ...

Approved new study proposals

1. Variability of a first responder dispatch after out-of-hospital cardiac arrest among Asian countries

Lead by Dr Satha Riyapan (Thailand)

2. Emergency department factors and outcomes of adult and paediatric out-of-hospital arrests in Pan-Asian Countries

Lead by Dr Gene Ong (Singapore)

3. Development and validation of a predictive model for early neuro-prognostication after OHCA

Lead by Dr Liu Nan (Singapore)

4. Protocol development for video call based DA-CPR in OHCA

Lead by Prof Sang Do Shin & Dr Tae Han Kim (Korea)

5. Comprehensive pre-hospital intervention for heatwave victims

Lead by Prof Marcus Ong, Dr Gayathri (Singapore) & Dr Ramana Rao, Dr Keshav Reddy (Hyderabad)

Announcement 3 ...

Topics withdrawn and released for applications

1. EGDT/ Hypothermia

2. Non-Cardiac OHCA in PAROS

3. Safety practices among Asia EMS

4. Relationship between OHCA burden and cardiac arrest outcomes

Announcement 4 ...

Need for **data sharing agreement** between PAROS coordinating site (Singapore – SGH) and individual data contribution countries/sites

Singapore team will contact you once the draft agreement is available



Upcoming Event ...

THE 23RD JSEM
The 23rd Congress of Japanese Society for Emergency Medicine

The 23rd Congress of Japanese Society for Emergency Medicine

EMS Asia2020

緊急
Diversity and future perspective of multi-occupational collaboration in pre-hospital medical settings

Date : June 5(Fri.) — 7(Sun.), 2020
Chairman : Hideharu Tanaka MD, PhD (Dean, Graduate school, EMSsystem, Kokushikan UNIV)
Venue : Kokushikan University, Umegaoka campus, Setagaya campus
4-28-1, Setagaya, Setagaya-ku, Tokyo, 154-8515, Japan

EMS ASIA 2020
国士館

Management Secretariat : info@emsasia2020.jp
Web : <https://site2.convention.co.jp/jsem23/english/>

For more details on EMS Asia 2020, please access the link, <https://site2.convention.co.jp/jsem23/english/>

PAROS, AAEMS and PATOS interest group meeting will be on 5 June 2020.



PAROS will be celebrating our 10th year anniversary

Past Event ...

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

15 June 2019

Coex Center, Seoul, Korea

In conjunction with the 18th International Conference on Emergency medicine (ICEM 2019), the Pan-Asia Resuscitation Outcome Study (PAROS) Clinical Research Network held their annual group meeting on 15 June 2019 at the Coex Center, Seoul, Korea.

At the PAROS meeting, Prof Marcus Ong updated the team on the PAROS 2 data analysis plan, data-related issues, the status of the secondary studies publications and the progress of the implementation of the Resuscitation Academy 10-steps program in the various PAROS countries were presented. New study proposals were also presented by the respective study PIs.

The next PAROS meeting will be held during the EMS Asia 2020 at Tokyo, Japan.



PAROS Annual Meeting



RA10steps study updates by Dr. Ali from Indonesia

RA10steps study updates by Dr. Fareed from Pakistan



Shaping the Future for Improving Out-of-Hospital-Cardiac Arrest

By: Hanna Mia Monica D. Taya, MD, Faith Joan Gaerlan, MD

The Malaysia Resuscitation Alliance and Consensus Meeting 2018 was held last November 12 to 17, 2018 at Universiti Teknologi Mara, Sungai Buloh, Malaysia. The meeting had different delegates from different parts of the world. They presented their various efforts in improving the Out of Hospital Cardiac Arrest (OHCA) outcomes. Dr. Faith Gaerlan, an EM physician for the Philippines presented the country's effort to improve OHCA outcomes. After the establishment of Cardiac Registry from various health-care institutions in different parts of the country. From the 713 cases logged, results revealed that <20% of OHCA patients received bystander CPR and 14% of these patients were conducted via EMS. The study recommended that efforts to improve OHCA survival should focus on prompt delivery of CPR by those who witness the improve the delivery of pre-hospital care in the country.

The efforts began to materialize in late 2016, when after establishing the very first Emergency Medicine Training Program in Mindanao, the Southern Philippines Medical Center Department of Emergency Medicine collaborated with the Davao City EMS: Central 911 in providing medical direction and training of EMS personnel. The Dispatcher CPR Training course began by July 28, 2017 involving 50 participants from the city's Local EMS and Bureau of Fire Protection. The course was then conducted again to a bigger

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audience during the EMS Asia 2018 held last June 2018. One of the steps in improving OHCA outcomes includes Quality improvement in EMS protocols. The collaboration between institutions also include monthly audit reports with Davao Central 911 and EM residents and consultants for SPMC- Department of emergency medicine. The Davao Central 911 has also improved on its rapid dispatch, with its call to arrival at the scene time at 13 minutes and 3 seconds. The SPMC- DEM also conducted various CPR training in schools and various institutions and OHCA awareness advocacies thru media collaboration.

The implementation of such steps in improving OHCA survival resulted in a return of spontaneous circulation (ROSC Rate) of 16.9% among OHCA patients brought in SPMC. The country's efforts to improve OHCA survival has come a long way. Implementable steps include developing smart technology that notify volunteer responders to nearby arrested patients that need early CPR and defibrillation, make CPR and AED Training mandatory in schools and community, and finally, work towards a culture of excellence. Future efforts in the country, are now gearing towards national trainer's training for dispatcher-assisted CPR or community CPR, policies on implementing Public Access Defibrillation, a registry for trained responders through a smart app and training on retrieval medicine. Training to save lives has acquired a new shape and a promising future. It is the moral responsibility of the current generation to improve such efforts to improve the OHCA survival



Joining PAROS ...



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.edu.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.edu.sg.