



PAROS BULLETIN

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PAROS Publications for Year 2017...



Congrats

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Modifiable Factors Associated With Survival After Out-of-Hospital Cardiac Arrest in the Pan-Asian Resuscitation Outcomes Study

Main Paper

Hideharu Tanaka, Marcus E. H. Ong, Fahad J. Siddiqui, Matthew H. M. Ma, Hiroshi Kaneko, Kyung Won Lee, Kentaro Kajino, Chih-Hao Lin, Han Nee Gan, Pairoj Khruengkarnchana, Omer Alsakaf, Nik H. Rahman, Nausheen E. Doctor, Pryseley Assam, Sang Do Shin, PAROS Clinical Research Network

Ann Emerg Med. 2017 Oct 3. pii: S0196-0644(17)31384-7. doi: 10.1016/j.annemergmed.2017.07.484. [Epub ahead of print]

Association of the Emergency Medical Services-Related Time Interval with Survival Outcomes of Out-of-Hospital Cardiac Arrest Cases in Four Asian Metropolitan Cities Using the Scoop-and-Run Emergency Medical Services Model.

Kim TH, Lee K, Shin SD, Ro YS, Tanaka H, Yap S, Wong KD, Ng YY, Piyasuwankul T, Leong B.

J Emerg Med. 2017 Nov;53(5):688-696.e1. doi: 10.1016/j.jemermed.2017.08.076

PAROS Website:

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

Trial Coordinating Centre:



Diurnal variation in outcomes after out-of-hospital cardiac arrest in Asian communities: The Pan-Asian Resuscitation Outcomes Study.

Kim YJ, Ryoo HW, Shin SD, Song KJ, Ro YS, Lee KW, Ma MH, Ko PC, Gan HN, Shahidah N.

Emerg Med Australas. 2017 Oct;29(5):551-562. doi: 10.1111/1742-6723.12822.

The Pan-Asian Resuscitation Outcomes Study (PAROS) clinical research network: what, where, why and how.

Doctor NE, Ahmad NS, Pek PP, Yap S, Ong ME.

Singapore Med J. 2017 Jul;58(7):456-458. doi: 10.11622/smedj.2017057.

Effect of known history of heart disease on survival outcomes after out-of-hospital cardiac arrests.

Lee MH, Fook-Chong S, Wah W, Shin SD, Nishiuchi T, Ko PC, Naroo GY, Wong KD, Tiah L, Monsomboon A, Siddiqui FJ, Ong ME; PAROS Clinical Research Network.

Emerg Med Australas. 2017 May 31. doi: 10.1111/1742-6723.12809. [Epub ahead of print]

Characteristics and outcomes of young adults who suffered an out-of-hospital cardiac arrest (OHCA).

Chia MY, Lu QS, Rahman NH, Doctor NE, Nishiuchi T, Leong BS, Tham LP, Goh ES, Tiah L, Monsomboon A, Ong ME; PAROS Clinical Research Network.

Resuscitation. 2017 Feb;111:34-40. doi:10.1016/j.resuscitation.2016.11.019.

Conversion to shockable rhythms during resuscitation and survival for out-of hospital cardiac arrest.

Wah W, Wai KL, Pek PP, Ho AFW, Alsakaf O, Chia MYC, Noor JM, Kajino K, De Souza NNA, Ong MEH; PAROS Investigators.

Am J Emerg Med. 2017 Feb;35(2):206-213. doi: 10.1016/j.ajem.2016.10.042.

Singapore's Pilot Programme: CPRcard Initiatives



The CPRcard:

- size and thickness of a credit card
- battery-operated
- placed on a person's chest during CPR
- tell rescuer if they are performing chest compressions too quickly or deeply
- allow rescuer to adjust the pace on the spot
- equipped with memory chips, allowing experts to provide responders with feedback

About 4,000 CPRcards given out to participants of the Dispatcher-Assisted first REsponder training. The team targets to give out 15,000 CPRcards by Aug 2018. All 15,000 cardholders will be part of the world's first community trial that aims to evaluate if the devices have helped members of the public become more confident about rendering chest compressions and have led to good-quality CPR.



Singapore Health Minister Gan Kim Yong practising CPR using the CPRcard



Junior college student Muhammad Luqman Abdul Rahman, 17, has responded to potential cardiac arrest situations about 20 times, and used the CPRcard in a real-life situation twice.

Improving emergency treatment of cardiac arrest victims: Singapore to implement 4 new measures over a 4-years period



NEW

Firefighter on a motorbike will now be deployed to the scene of emergency together with a fire truck with 4 firefighters trained in high-performance team CPR. This will allow them to assist the first firefighter on the scene by carrying out high performance CPR together – to enhance life-saving efforts. Together with the paramedics who usually arrive shortly after to attend to the ailing person

NEW

Paramedics will now do assessment on whether a person requires defibrillation. Manual assessment is faster compared to computer assessment.

NEW

Introduction of a device to enhance the heart's ability to pump blood around the body. This device will be attached to regular ventilating systems and it works by creating a negative air pressure. The intervention will be carried out by paramedics.

NEW

Introduction of a new type of injection to correct life-threatening heart rhythm in ambulances. The intervention will be carried out by paramedics.

Upcoming Event ...

EMS Asia 2018


17-19 June 2018

SMX Convention Center, Davao City, Philippines

Please note that there will be a EMS Asia conference on 17-19 June 2018 in Davao City, Philippines. For more information on the conference, please access the link <https://www.emsasia2018davao.com/>.

Dates to note:

- Early bird registration by 18 March 2018
- Deadline for abstract submission: 18 Feb 2018
- Deadline for registration of authors of accepted abstracts: 17 May 2018



17-19 JUNE 2018 | SMX CONVENTION CENTER
DAVAO CITY, PHILIPPINES

EMS in ASIA: SYNERGY IN EMERGENCY CARE
Scientific Program

www.emsasia2018davao.com

Organized by:
Asian Association for Emergency
Medical Services (AAEMS)

Hosted by:
- Southern Philippines Medical Center (SPMC) - Department of Emergency Medicine
- Department of Health (Region XI)
- City Government of Davao and Central Davao 911

In collaboration with the
Philippine College of Emergency Medicine
EMS Committee

Past Event ...

4th National Resuscitation Conference 21-23 July 2017, St Giles Wembley Hotel , Penang

The PAROS meeting was held together with the AAEMS South East Asia Chapter meeting during the 4th National Resuscitation Conference in Penang on 22 July 2017.

At the meeting, the South East Asia countries' representatives gave an update on the PAROS 2 study in their countries. Data related issues were also discussed with the representatives. A/Prof Marcus and Dr Faith also talked about the GRA Consensus Meeting in Singapore on Aug 2017 and the EMS Asia Conference in Philippines on June 2018 respectively.



Prof Tanaka opening the AAEMS South East Asia Chapter meeting



Dr Sarah giving the status updates for KL, Malaysia



A/Prof Marcus discussing about the PAROS 2 data issues



Dr John giving the status updates for Philippines

PAROS: Global Resuscitation Alliance (GRA) Utstein-Style Consensus Meeting on 10-Programs/Actions recommendations for the Developing World 1-2 Aug 2017, Academia, Singapore

Pan-Asia Resuscitation Outcome Study (PAROS) Clinical Research Network hosted the Global Resuscitation Alliance (GRA) Utstein-Style Consensus Meeting on 10-Programs/Actions recommendations for the Developing World on 1-2 Aug at the Academia, Singapore. The consensus meeting was funded by the Laerdal Foundation.

The 2-day consensus meeting was attended by more than 50 overseas experts in the fields of Resuscitation, EMS and Global Health, with most coming from the developing countries.

A pre-meeting visit to the Singapore Civil Defence Force (SCDF) Headquarters was also arranged for the overseas experts to let them have a better understanding of our Singapore EMS system.



Participants of the Consensus Meeting, 1-2 Aug 2017, Academia, Singapore



Breakout session discussion led by overseas faculty from US, Mr Jerry Overton



Breakout session discussion led by local faculty, Dr YY Ng from SCDF



Consensus voting session



Pre-meeting SCDF visit on 31 July 2017



Dr YY Ng, CMO of SCDF briefing the overseas guests about Singapore EMS System

PAROS-Zhejiang: 2nd Academic Forum on Emergency Medical Service 3-5 Nov 2017, Hangzhou, China

Pan-Asia Resuscitation Outcome Study (PAROS) Clinical Research Network in collaboration with the Department of Emergency Medicine, Zhejiang Provincial People's Hospital hosted the 2nd Academic Forum on Emergency Medical Service of Zhejiang on 3-5 Nov 2017 at the Sanli New Century Grand Hotel-Zhejiang, China.

The 3-day symposium was attended by more than 300 local and overseas experts in the fields of Resuscitation, EMS, and Global Health. Five main themes, the pre-hospital emergency administration, pre-hospital care, trauma and emergency surgery, emergency medicine, and disaster were covered at the forum.

In conjunction with the forum, a Dispatcher Assisted-CPR Workshop was conducted by the PAROS Clinical Research Network on 5 Nov 2017.

The PAROS Clinical Research Network held its EXCO meeting on 3 Nov 2017 at the Dahua Hotel-Hangzhou, China. At the meeting, data-related issues were discussed and publication committee chairs updated the members on the status of the secondary studies publications. Also, each member countries presented the progress of the implementation of the Resuscitation Academy 10-steps program in their respective countries.



Dispatcher Assisted- CPR Workshop by Dr Benjamin



Dispatcher Assisted- CPR Workshop participants



Appreciation dinner after the conference



Westlake cruise to celebrate the success of the conference



Opening of the 2nd Academic Forum on Emergency Medical Service of Zhejiang Province



Opening of the PAROS EXCO Meeting by A/Prof Marcus



Progress of the RA 10-step program implementation in China by Dr Cai Wenwei



Progress of the RA 10-step program implementation in India by Dr Ramana Rao

Joining PAROS ...

W E L C O M E

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 paros.secretariat@yahoo.com.

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.



Merry Christmas!