



PAROS BULLETIN

Volume 10 • Issue 1 • July 2020

Announcement ...

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PAROS 2 Data Cleaning is in the Final Phase and will soon be available.

Target to be completed in Aug.

PAROS Website:

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

Trial Coordinating Centre:



If you have any research ideas, please pen it down in the proposal form and submit it to

patricia.tay@scri.edu.sg.

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



PAROS Publications 2020...

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.

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]

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.

Article Sharing ...

UP-PGH EMS Response in the time of Covid-19 Pandemic

University of the Philippines- Philippine General Hospital (UP-PGH) was assigned to be one of the referral centers for Covid-19 patients here in the Philippines. The EMS unit being the only hospital-based EMS, started transporting some patients to other facilities and hospitals for continuity of care to give way for Covid-19 patients that will be admitted to our institution.

The risks are higher since the EMS are the first to deal with people who may be suspected as COVID-19 positive patients and also responding to an unknown environment during emergencies. We equipped ourselves with the highest level of Personal Protective Equipment to protect ourselves from this unseen enemy. We may not have the most updated and complete system of EMS as with the other countries but we maximize and improvise all that we have to provide the best service to our patients. These are the times where we apply our trainings and preparations in handling such situations in the field. Even in the time of the pandemic, we continue to update our knowledge through webinars and online seminars about the Covid-19 pandemic.

The UP-PGH EMS team with the help of our Emergency Medicine consultants, continues to fulfill our sworn duty in responding to the call of the Filipino people despite the fear and anxiety brought by the pandemic.

Article contributed by
Manuel Lorenzo Bulatao RN, EMT
UP-PGH EMS





First response to possible Covid-19 patient. (January 27 2020). Photo taken while waiting for the patient to be admitted in a speciality hospital for infectious disease.



With Level 3 PPE suits.



Cleaning of ambulance after use



Manuel Lorenzo Bulatao in a level 4 PPE Suit

Article Sharing ...

AAEMS Successfully holds first WEBINAR on COVID-19 Response in ASIA

Last June 5, 2020, the AAEMS held its first webinar entitled: *Lessons from the Field: Asian Emergency Medical Services (EMS) Response to COVID – 19*. Together with the Singhealth Duke-NUS Global Health Institute (SDGHI), experts in the field of EMS and emergency medicine, shared their country's experiences on different challenges faced and unique responses to combat the COVID-19 outbreak.

AAEMS President Dr. Matthew Huei-Ming Ma opened the session and very comprehensively explained Taiwan's approach that relied on good preparedness plan, early border controls and information technology. Dr. Kyungwon Lee, talked about South Korea's strategy that involved widespread testing and contact-tracing while Dr. Ngoc Do Son elucidated that their low numbers of COVID-19 cases were due to early implementation of their community preparedness strategies and mobilization of manpower and resources.

Other speakers were Dr. Teodoro J. Herbosa from the Philippines and Dr. Marcus Ong, who have shared on the impact of community quarantine on low-resourced countries and models of EMS and Emergency Department responses for both COVID-19 and non-COVID-19 cases, respectively.

The almost 500 attendees were also enlightened by EMS responses from the panelists from various regional chapters of AAEMS namely; Japan (Dr. Hideharu Tanaka); Singapore (Dr. Yih Yng Ng); India (Dr. Ramano Rao); Indonesia (Dr. Ali Haedar); Thailand (Dr. Sattha Riyapan) and Malaysia (Dr. Sarah Karim). Highlights of the question and answer session includes safety procedures during out-of-hospital cardiac arrest; infection control procedures in EMS and national planning considerations for COVID -19.

Lessons from the Field: Asian Emergency Medical Services (EMS) Response to COVID-19

5 Jun 2020, SGT 4pm-6pm, Zoom

Hosted by the Asian Association for Emergency Medical Services and the SingHealth Duke-NUS Global Health Institute, the webinar "Lessons from the Field: Asian Emergency Medical Services (EMS) Response to COVID-19" will highlight stories from leading experts in the fields of EMS and emergency medicine. This webinar will provide insights on different challenges faced and strategies employed in containing the COVID-19 outbreak in a range of EMS settings in Asia, as well as provide a platform for discussion of best practices in the evolving pandemic.

Talks

The first responder: How did China first respond to the unknown?
Prof. Wilfred Cai
 Director, Dept of Emergency Medicine, Shanghai Provincial People's Hospital
 100 Chongxin Road, 201300 Shanghai, China
 Weibo: @caiwilfred, Research Institute of Emergency of Shanghai Province

A concerted community effort: How did Taiwan do it?
Prof. Matthew Wu
 Head, Emergency, National Taiwan University Hospital, Taipei Branch
 Chairman, Asian Association for EMS (AAEMS)

Impact of enhanced community quarantine in the Philippines
Prof. Teodoro J. Martinez
 Professor of University Medicine, College of Medicine
 Seaside-Angeles Medical Center, University of the Philippines
 Manila, Philippines, Division Society of Emergency Medicine, Philippines

How did Korea flatten the curve?
Prof. Kyungwon Lee
 Covid Professor, Department of Emergency Medicine, Kyung Hee University Hospital

Public health interventions: What did Vietnam do well?
Dr. Do Ngoc Son
 Head of Critical Care Unit
 Deputy Director, Department of Emergency Medicine, Binh Mai Hospital
 Secretary General, Vietnam Society of Emergency Medicine (VSEM)

How can we use data in our response to COVID-19?
Prof. Marcus Ong
 Senior Consultant and Senior Lecturer, Dept of Emergency Medicine, Singapore General Hospital
 Director, Health Services and Quality Research, Singapore Health Services Research Institute
 Head, Health Services Research, Centre for Health Systems Research and Analysis

Panel Discussion
Moderators:
 Dr Faith Gaerlan (Dr Shengwen Hou) / Dr Gayatri Nadarajan
Panelists:
 Speakers above and...
 Dr Sarah Kirim (Malaysia) / Dr Ali Haeder (Indonesia)
 Prof. Hideharu Tanaka (Japan) / Dr. Ramesha Rao (India)
 Dr Sathya Bhargava (Thailand) / Dr Yih Yaj Hsi (Singapore)

To register, kindly scan the QR code or visit <https://www.aeems.org/2020/06/05/registrations-for-the-lessons-from-the-field-webinar/>. You are encouraged to submit your questions regarding COVID-19 in the practice of EMS and emergency medicine in the registration form. Registration closes on 4 June 2020. After registering, you will receive a confirmation email containing information about joining the webinar. Please note that the webinar will be recorded. Please email aaems.secretariat@gmail.com if you have any queries on the event.



The program and speakers/facilitators

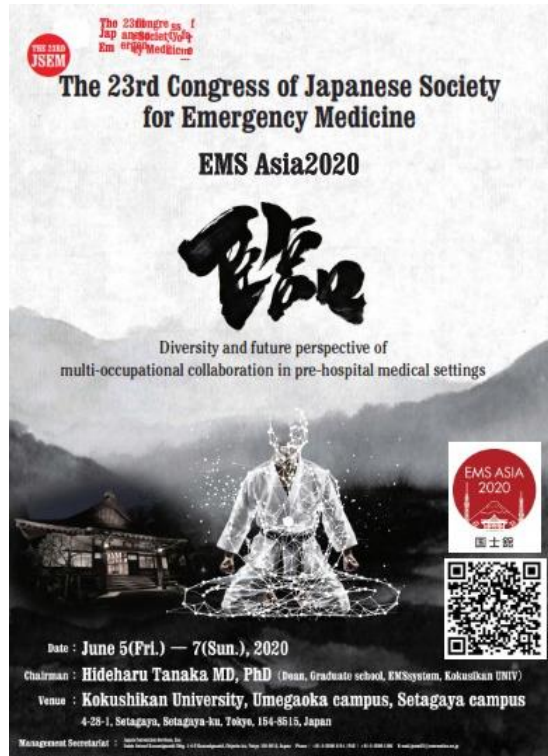
AAEMS through its Program and Advocacy committee will also conduct a survey on best practice in EMS in Asia as part of its follow-up to this activity. To close, participants were invited to EMS ASIA 2021 in Tokyo.

Article contributed by
 Dr Faith Gaerlan
 PAROS EXCO, Philippines



Note: If you are a medical director and would like to participate in the AAEMS' "Survey to determine practices of pre-hospital systems in management of Covid-19 and other pandemics across Asia and its impact on staff", please email to aaems.secretariat@gmail.com by 21 July 2020

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**

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.