



# PAROS BULLETIN

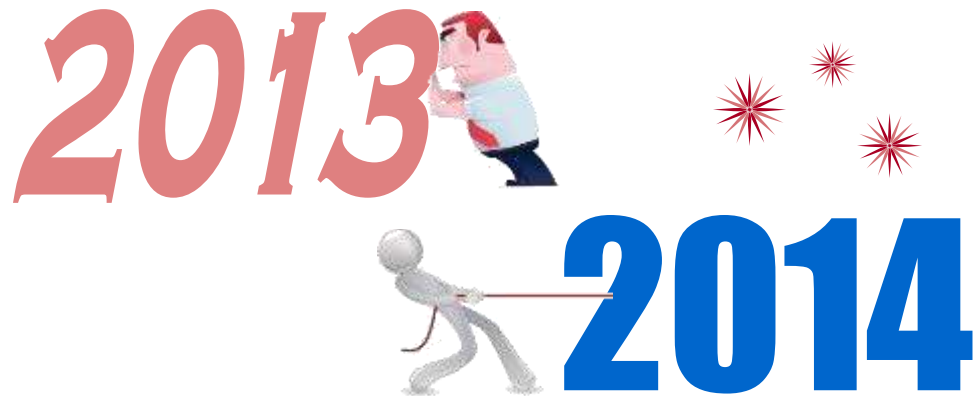
VOLUME 4

ISSUE 1

JANUARY 2014

## Inside this Issue:

Good Tidings	Page 2
Online DA-CPR	Page 2
Past Events	Page 3 - 5
Upcoming Events	Page 6
Publications	Page 7
Becoming One of Us	Page 8



## *The Year in Review*

The year 2013 has come to a close. In the past year, the PAROS network has accomplished several key milestones - preliminary analysis of the entire PAROS database, planning and execution of PAROS Phase 2 (Dispatcher-CPR; DA-CPR package), training of dispatchers from all over the Asia-Pacific, and successfully organized 3 meetings in Singapore, Korea, and Japan. PAROS in collaboration with the Cardiac Arrest Registry to Enhance

Survival (CARES) and the Arizona State - Save Hearts in Arizona Registry and Education (SHARE) program (supported by the Ramsey Social Justice Foundation) has developed and launched an online interactive DA-CPR training (*read more on page 2*). The network has also welcomed several new members from countries such as Qatar, China, and the Philippines.

## *The Coming Year*

In 2014, PAROS Phase 2 will be fully rolled out to all PAROS sites and data collection will commence. The training (including refresher training) of dispatchers from PAROS sites will be an on-going effort. A public education package will also be developed to update and educate the community on DA-CPR. PAROS meetings are planned in

conjunction with the Australian Resuscitation Council's Resus at the Park and the Asian EMS Council's EMS Asia 2014. Find out more about upcoming events on page 6.



*The two questions dispatchers need to ask in identifying cardiac arrest. [screenshot from <http://cprlinktolife.com>]*

## *Good Tidings*

The PAROS network has secured funding from Laerdal Medical, Ramsey Social Justice Foundation, and Laerdal Foundation. The funding will be used to support sites (especially those from developing countries) in conducting the PAROS study. Interested sites can apply for funding request from the network at:

<http://www.scri.edu.sg/index.php/source-documents>

Requests are subjected to PAROS EXCO chairs' review and approval.



## *Online Dispatcher-CPR Training Course*

The online dispatcher CPR training course was launched in 2013. Currently the course is available in English, Mandarin, Korean, and Japanese. The SHARE team is currently working on producing the course in other languages, such as Malay, Arabic, Thai, etc.

The online course is available to all dispatchers from **participating PAROS sites**.

The link to the course is:  
<http://cprlinktolife.com/>

Dispatchers can register for an account on the signup page:  
<http://cprlinktolife.com/signup>

To acquire the access code for registration of your account, please contact the PAROS secretariat at:  
[paros.secretariat@yahoo.com](mailto:paros.secretariat@yahoo.com)



*The online DA-CPR training course is a user-friendly, interactive program developed by the CARES, SHARE, and PAROS team, and supported by the Ramsey Social Justice Foundation. [screenshot from <http://cprlinktolife.com>]*

## Past Events

### Seoul, Korea, August 2013



The first Pan-Asian Trauma Outcomes Study (PATOS) steering committee meeting was held on 21 August 2013 at the Seoul Westin Garden Hotel. PATOS is chaired by Dr Sang Do Shin from Korea.



PAROS EXCO meeting at the Seoul Westin Garden Hotel



Ms Yap sharing the preliminary results of the PAROS database.



Buffet lunch at the Seoul Westin Garden Hotel



Dinner at a traditional Korean house.

A big thank you to the PAROS Korea team for their hospitality!

*Tokyo, Japan, October 2013*

*Dispatcher Course*



*Practical training session: use of Public Access Defibrillator by bystander*



*Practical training session: delivering CPR instructions to bystander over the phone*



*Closing comments by Prof Hideharu Tanaka*



*[All photos courtesy of Helge Myklebust of Laerdal Medical]*

*Asian EMS Council/ PAROS/ PATOS Events*



*Asian EMS Council Poster Session:  
Judges deliberating over the winners*



*PATOS: Dr Chiu Ming Terk (right) presenting on Trauma Registry in Singapore. Dr Shin (left) fielding questions*



*PAROS meeting*



*The Japanese organising team who made the events a success*



*A night of fun and games and "oishii" dinner organized by Prof Tanaka and his team*

*Upcoming Events - 2014*



**Society for Emergency Medicine in Singapore Annual Scientific Meeting 2014**

11 April 2014 – EMS Medical Directors’ Workshop

12 – 13 April 2014 – Main Conference

Host Country: Singapore

For more details, go to <http://sems2014.com/>



**Australian Resuscitation Council (New South Wales) – Resus at the Park**

28 May 2014 – PAROS/ PATOS Meeting

29 – 30 May 2014 – Main Conference

Host Country: Sydney, Australia

For more details, go to

<http://www.resusatthepark.com.au/>



**International Conference on Emergency Medicine 2014**

9-10 June 2014 – Pre-Conference Workshops

10 June 2014 (tentative date) – Asian EMS Council Meeting

11-14 June 2014 – Main Conference

Host Country: Hong Kong

For more details, go to <http://icem2014.org>



**EMS Asia 2014**

16-17 October 2014 – Pre-Conference Workshops

18-19 October 2014 – Main Conference

PAROS/PATOS/Asian EMS Council Meetings: dates to be confirmed

Host Country: Goa, India

For more details, go to <http://conference.emsasia.org/>

### *Publications in 2013*

1. Kajino K, Kitamura T, Iwami T, Daya M, Ong MEH, Nishiyama C, Sakai T, Tanigawa-Sugihara K, Hayashida S, Nishiuchi T, Hayashi Y, Hiraide A, Shimazu T. Impact of the number of on-scene emergency lifesaving technicians and outcomes from out-of-hospital cardiac arrest in Osaka City. *Resuscitation* 2014; 85(1):59-64  
Abstract: <http://www.ncbi.nlm.nih.gov/pubmed/24036196>
2. Song KJ, Shin SD, Park CB, Kim JY, Kim DK, Kim CH, Young HS, Ong MEH, Bobrow BJ, McNally B. Dispatcher-Assisted Bystander Cardiopulmonary Resuscitation in a Metropolitan City: a Before- After Population-Based Study *Resuscitation* 2014; 85(1):34-41  
Abstract: <http://www.ncbi.nlm.nih.gov/pubmed/23792111>
3. Ong MEH, Shin SD, Soon SS, Tanaka H, Ma MH, Song KJ, Nishiuchi T, Leong BSH, Sarah K, Lin CH, Ryoo HW, Ryu HH, Iwami T, Kajino K, Ko PCI, Lee KW, Sumetchotimaytha N, Swor R, Myers JB, Mackey K, McNally B. Recommendations on Ambulance Cardiopulmonary Resuscitation in Basic Life Support Systems. *Prehospital Emergency Care* 2013; 17(4):491-500  
Abstract: <http://www.ncbi.nlm.nih.gov/pubmed/23992201>
4. Ong MEH, Cho J, Ma MHM, Tanaka H, Nishiuchi T, Omer A, Sarah AK, Khunkhlai N, Atilla R, Lin CH, Shahidah N, Lie D, Shin SD. Comparison Of EMS Systems In The Pan-Asian Resuscitation Outcomes Study Countries: Report From A Literature Review And Survey. *Emergency Medicine Australasia* 2013; 25(1): 55–63  
Abstract: <http://www.ncbi.nlm.nih.gov/pubmed/23379453>
5. Kajino K, Kitamura T, Iwami T, Daya M, Ong ME, Hiraide A, Shimazu T, Kishi M, Yamayoshi S. Current termination of resuscitation (TOR) guidelines predict neurologically favorable outcome in Japan. *Resuscitation* 2013; 84(1): 54-59  
Abstract: <http://www.ncbi.nlm.nih.gov/pubmed/22705831>
6. Shin SD, Kitamura T, Hwang SS, Kajino K, Song KJ, Ro YS, Nishiuchi T, Iwami T; for the Seoul–Osaka Resuscitation Study (SORS) Group. Association between resuscitation time interval at the scene and neurological outcome after out-of-hospital cardiac arrest in two Asian cities. *Resuscitation* 2013 [epub ahead of print].  
doi: <http://dx.doi.org/10.1016/j.resuscitation.2013.10.021>



## Becoming One of Us

As a progressive network, we are constantly seeking opportunities to grow. We offer two types of registration: (1) General Member and (2) Guest. As a General Member (only offered to PAROS participating countries), you will receive updates from PAROS and you will be able to contribute data and propose studies at PAROS events; if you are from a non-participating country, or would only like to be in our mailing list, you are most welcome to join PAROS as a guest. You may also download an electronic copy of the registration



### APPLICATION TO PAROS

(You may select more than one option)

- General Member\*
- Site Principal Investigator (PI)\*
- Data Personnel/Study Coordinator\*
- Guest (in the mailing list for PAROS updates)

\* Applicable only if you are from one of the PAROS participating countries - Japan, Korea, Malaysia, Singapore, Taiwan, Thailand

### REGISTRANT DETAILS (please provide full details)

Country \_\_\_\_\_  
 Full name \_\_\_\_\_  
 Position \_\_\_\_\_  
 Department \_\_\_\_\_  
 Institution \_\_\_\_\_  
 Office Mailing Address \_\_\_\_\_  
 Email Address \_\_\_\_\_  
 Contact No. (Office) \_\_\_\_\_  
 Contact No. (Mobile) \_\_\_\_\_  
 Skype Contact (if available) \_\_\_\_\_  
 Fax No. \_\_\_\_\_

### Instructions:

Please complete this form and submit it to the Network Secretariat at [paros.secretariat@yahoo.com](mailto:paros.secretariat@yahoo.com). You will receive a confirmation once we have processed your application.

If you are applying as a Site PI, upon confirmation of application outcome, please let us have your CV for our retention.

### SITE INFORMATION (only applicable to Site PI)

Country \_\_\_\_\_  
 State \_\_\_\_\_  
 City/EMS District \_\_\_\_\_  
 Population Size of City/State \_\_\_\_\_

### PRE-HOSPITAL INFORMATION (only applicable to Site PI)

No. of EMS Systems in City/State \_\_\_\_\_  
 Competency of Basic Life Support  First Responder  
 EMT-Intermediate  
 Others, please specify: \_\_\_\_\_  
 Competency: Advanced Life Support  EMT-Paramedic  
 Physician-led  
 Nurse-led  
 Others, please specify: \_\_\_\_\_  
 No. of EMS Personnel in City/State \_\_\_\_\_  
 No. of Ambulance Vehicles in City/State \_\_\_\_\_

### EMERGENCY DEPARTMENT INFORMATION (only applicable to Site PI)

No. of Acute Hospitals in City/State \_\_\_\_\_  
 No. of Tertiary Hospitals in City/State \_\_\_\_\_

### Mission

To improve outcomes from pre-hospital and emergency care across the Asia-Pacific by promoting high quality research into resuscitation

### Vision

Improving outcomes from pre-hospital and emergency care across the Asia-Pacific

### Website

<http://www.scri.edu.sg/index.php/paros-clinical-research-network>

### Trial Coordinating Centre



Singapore Clinical Research Institute (based in Singapore)

### SCRI's Support in PAROS

PAROS EXCO member,  
 Industry Liaison Person:  
 Khoo Teng Chuan  
 PAROS EXCO member,  
 Network Biostatistician:  
 Fahad Javaid Siddiqui  
 Network Research Informatics:  
 Huang Kuanfu  
 Network Secretariat:  
 Maeve Pek

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