



PAROS GLOBAL RESUSCITATION ALLIANCE CONSENSUS MEETING



Global Resuscitation Alliance

- A global network which focuses on collaborating to catalyse improvement to survival
- Implement best practices to increase survival from sudden cardiac arrest
- Help educate EMS leaders about best practices and provide tools to help improve survival in their communities
- Target of increasing survival rates by 50 percent.

GRA CONSENSUS MEETING –IMPROVING OUT OF HOSPITAL CARDIAC ARREST SURVIVAL IN COUNTRIES WITH DEVELOPING EMS SYSTEMS

- Objective: To develop GRA's 10-programs/actions consensus recommendations to improve OHCA survival for countries with developing EMS systems
- Date: 1-2 August 2017
- Venue: Room L1-S1, Academia, Singapore General Hospital, Singapore
- Day 1- identifying gaps and challenges in implementing the 10 steps in developing EMS systems
- Day 2- brainstorm on modifications/ pre-requisites for the 10 steps and innovative ideas for improving OHCA rates in countries with developing EMS systems

DEVELOPING EMS SYSTEMS:

Where does the world live?

MORE THAN HALF OF THE PEOPLE ON EARTH LIVE WITHIN THIS CIRCLE

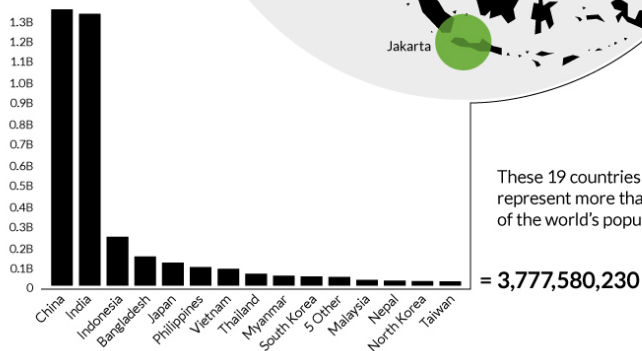
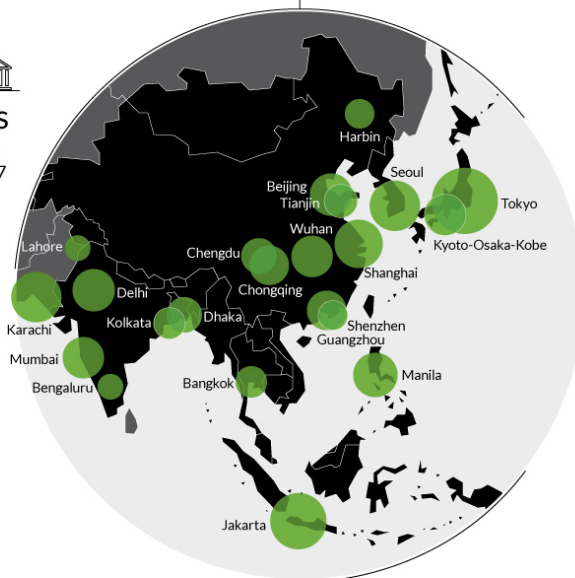
SPHERE OF INFLUENCE

More than half of the people on Earth live within this circle



Megacities

This circle contains 22 of the world's 37 megacities, which each hold at least 10 million people.



These 19 countries represent more than half of the world's population.



Global Resuscitation Alliance



It takes a system to save a life

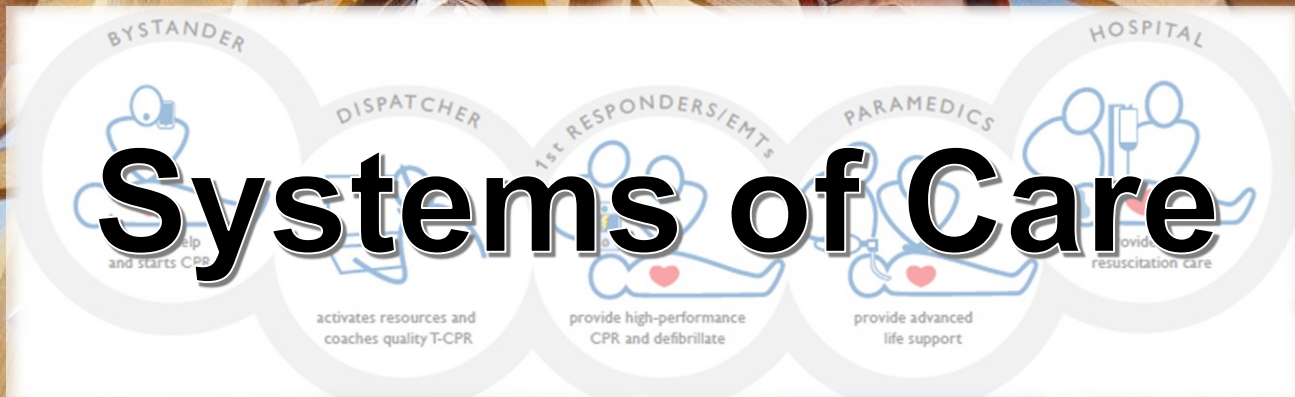
Performance

Leadership

Coordination

Dispatch

Relations



“Culture”

Training

Data

Hospitals

Community

Quality Improvement

Reporting

PLAN

- This will be a year long project to develop Utstein style consensus guidelines under the GRA to develop and modify the GRA 10 programs/actions for countries with developing EMS systems.
- ~60 experts in the fields of Resuscitation, EMS and Global Health, with a focus on stakeholders from countries with developing EMS systems were invited

Faculty/ Participants

s/n	Name	Country						
			35	Dr Ngoc Do Son	Vietnam		Organizers	
	Asia		36	Dr Tony, Htoo Maung Ohn	Myanmar	55	A/Prof Marcus Ong	Singapore
1	Dr Raghbir Manzoor	Bangladesh	37	Dr Han Lynn Htun	Myanmar	56	Dr Goh E-Shaun	Singapore
2	Dr Cai Wenwei	China	38	Dr Ridvan Atilla	Turkey	57	Dr Ng Yih Yng	Singapore
3	Dr Fei Min	China	39	Ricardo Romero	Qatar	58	Dr Benjamin Leong	Singapore
4	Dr Jin	China	40	Perret Sebastien	Laos	59	Dr Tiah Ling	Singapore
5	Dr Lu Yi-Ming	China	41	Dr Mazen El Sayed	Lebanon	60	Dr Chong Shu Ling	Singapore
6	D Axel Siu Yuet Chung	Hong Kong		North America		61	Dr Andrew Ho	Singapore
7	Dr. Ramana Rao	India	42	Dr Bryan McNally	Atlanta, Georgia	62	Dr Gayathri	Singapore
8	Dr Subroto Das	India	43	Dr Junaid Razaak	Baltimore, Maryland	63	Ng Han Xian	Singapore
9	Dr Ali Haedar	Indonesia	44	Jerry Overton	Salt Lake City, Utah	64	Elizabeth Tan	Singapore
10	Prof Hideharu Tanaka	Japan	45	Prof Truls Østbye	Durham, North Carolina	65	Ivan	Singapore
11	Dr Kentaro Kajino	Japan		Africa		66	Mas'Uud	Singapore
12	Dr Takahiro Hara	Japan	46	Prof Lee Wallis	Cape Town, South Africa	67	Ho Shufang	Singapore
13	Dr Fumiko Nakamura	Japan	47	Dr Hany Zaky	Cairo, Egypt	68	Waruni	Singapore
14	Prof Sang Do Shin	Korea	48	Dr Aklilu Ajzaz	Addis Ababa, Ethiopia	69	Steffi Chan	Singapore
15	Dr Kyoung Jun Song	Korea		South American		70	Annisa Rakun	Singapore
16	Dr Hyun Wook Ryoo	Korea	49	Dr. Joao Vissoci	Durham, North Carolina			
17	Dr Darin Wong	Malaysia	50	Dr Luciano de Andrade				
18	Dr Sabariah Faizah Jamaluddin	Malaysia		Europe				
19	Dr Munawar Khursheed	Pakistan						
20	Dr Faith Joan C. Mesa-Gaerlan	Philippines	51	Tore Laerdal	Stavanger, Norway			
21	Dr Jeremy Cordero	Philippines	52	Dr Freddy Lippert	Copenhagen, Denmark			
22	Aidan Tasker-Lynch	Philippines	53	Prof Maaret Castren	Helsinki, Finland			
23	Prof Matthew Huei-Ming Ma	Taiwan		American Heart Association				
24	Dr Patrick Ko	Taiwan	54	Dr Jose Ferrer	Dallas, Texas			
25	Dr Pairoj Khruengkarnchana	Thailand						
26	Panjasilpa	Thailand						
27	Saichol	Thailand						
28	Nakharin	Thailand						
29	Dr Thammapad Piyasuwankul	Thailand						
30	Dr. Chanodom Piankusol	Thailand						
31	Dr. Atchariya Pangma	Thailand						
32	Jirawadee Thepkasetkul	Thailand						
33	Pornthida Yampayonta	Thailand						
34	Dr Nguyen Tuan Dat	Vietnam						

Program

01-Aug-17		
Day 1- identifying pre-requisites/essential elements for developing EMS systems		Speaker
0800-0815	Registration & breakfast	
0815-1000	Asian Association for EMS Annual General Meeting (AAEMS members only)	
1000-1010	Registration	
1010-1040	Welcome address and objective setting	A/Prof Marcus Ong
1040-1100	GRA 10 steps/programs-background and current work	Dr Freddy Lippert
1100-1130	Survey to establish what is present/being done in each of their countries - Results	Dr Gayathri Devi Nadarajan
1130-1145	Manuscript Outline Presentation	Dr Andrew Ho
1145-1200	Africa- Current state of OHCA, steps taken to improve survival and challenges faced	A/Prof Akililu Ajzaz
1200-1215	Emergency Medicine, EMS & OHCA-Bangladesh perspective	Dr Raghil Manzoor
1215-1230	Thailand- Current state of OHCA, steps taken to improve survival and challenges faced	Dr Pairoj Khruengkarnchana
1230-1245	Pakistan- Current state of OHCA, steps taken to improve survival and challenges faced	Dr Munawar Khurshed
1245-1300	Laos- Current state of OHCA, steps taken to improve survival and challenges faced	Mr Sebastien Perret
1300-1400	Lunch	
1400- 1615	Breakout groups to discuss the questions within each of the 4 categories (community + ambulance + dispatcher + healthcare facility+ perinatal resuscitation)	Facilitators and Scribes¹
1400-1430	Question 1: What are the pre-requisites/essential elements to building an EMS system? How would you rank them in terms of importance?	
1430-1500	Question 2: What are the barriers to establishing these pre-requisites/essential elements? How can they be overcome?	
1500-1530	Question 3: Which of the GRA 10- steps are more applicable and which are less relevant for developing EMS systems?	
1530-1600	Question 4: What are the challenges to implementing the GRA 10-steps in developing EMS systems?	
1600-1615	Consolidation and prepare to present	
1615-1630	Teabreak	
1630-1745	Presentation of the discussion (15mins per group)	
1745-1800	Closing thoughts	
1800	Dinner	

02-Aug-17		
Day 2- modifications of GRA 10-steps for developing EMS systems		Speaker
0800-0815	Registration & breakfast	
0815-1000	Pan-Asian Resuscitation Outcomes Study EXCO Meeting (PAROS EXCO members only)	
1000-1015	Registration and Welcome	A/Prof Marcus Ong
1015-1045	Helping Babies Breathe	Tore Laerdal
1045-1100	Developing GVKEMRI perinatal resuscitation systems	Dr Ramana Rao
1100-1115	Perinatal resuscitation talk in the developing EMS setting-Lebanon	Dr Mazen El Sayed
1115-1300	Breakout groups- to discuss the modifications and potential solutions	Facilitators and Scribes
1115-1200	Question 1: How would you modify the GRA 10-steps for the developing EMS systems?	
1200-1245	Question 2: What are some innovative solutions that can be implemented to systemically improve OHCA survival rates? Highlight case studies	
1245-1300	Consolidation and prepare to present	
1300-1400	Lunch	
1400-1515	Presentation of the discussion (15mins per group)	
1515-1615	Summary of pre-requisites and modifications for GRA 10 steps	
1615-1630	Teabreak	
1630-1730	Delphi voting process	Dr Tiah Ling
1730-1800	Formation of the writing groups and summary	
1800-1815	Closing thoughts	

Method

- Small group discussions
- Survey
- Voting of final consensus statements
- A writing group, derived from the meeting participants, will be formed to develop the consensus statements

Thank you