



PAROS PHASE 2

DISPATCHER CPR

Intervention -Basic

1. Standardized dispatcher-assisted CPR protocol

- Developed with the assistance of Prof Bentley Bobrow, Arizona State Medical Director and current Chairman of the American Heart Association Basic Life Support Subcommittee

2. A training package for dispatchers

- 1 day intensive training course

- Online version of the training package, supported by the Clinton Global Initiative.

DISPATCHER CPR

Intervention -Comprehensive

3. A measurement tool to collect data on Individual dispatcher and organizational-level performance through review of the audio dispatch recordings.

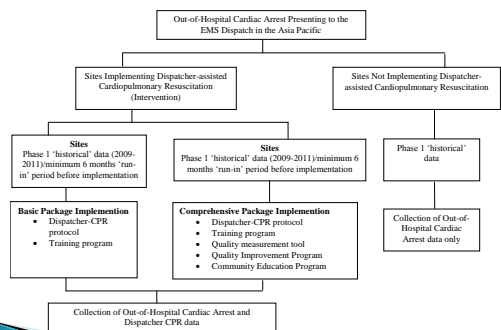
- Implemented in the ePAROS jointly developed with A/Prof Bryan McNally

4. Integrated quality improvement (QI) program

- Training in design and implementation of this QI program will be provided as part of the training package

5. Public education package

Trial Flow Diagram



E-PAROS - DISPATCHER MODULE



Dispatch Agency: _____ Date of Call: _____ Time of Call: _____ PAROS Case Number: _____

Incident No/CAD: _____

Transfer Call? Yes, first engaged before dispatcher first address call? No Was this a cardiac arrest before arrival of EMS? Yes No

CPR already in progress? Yes No CPR instructions delivered? Yes No Chest Compressions Performed? Yes No

Resides to CPR Hang up phone Caller left phone Caller refused Other (please specify) _____

Dispatch Person: _____ Consented? Yes No Resolving Monthly? Yes No

Dispatch Receptionist: _____ Dispatch Begins Instructions: _____ Time of First Compression: _____ Time of First Rescue Breath: _____

Coaching on completions for dispatcher? _____

Other Comments? _____

PAROS 2 SITES



Country	Medical Director/ Contact Person	Population	Intervention	PAROS Sites
Singapore	Ng Yih Yee	5,400,000	Comprehensive	Yes
India				
Bahia	Est Jung Lee	10,000,000	Comprehensive	Yes
Bahia	Prati Wook Neeb	2,500,000	Comprehensive	Yes
Chengde	Prati Wook Neeb	5,500,000	Basic	
Taiwan				
Taiwan	Patrick Ko	6,500,000	Comprehensive	Yes
Taiwan	Jun Chih-Hao	1,800,000	OHCA data collection only	
Taiwan	Kuo Chen-Wei	2,000,000	Comprehensive	
Malaysia				
Kuala Lumpur	Suzah Karim	486,110	Comprehensive	Yes
Kuala Lumpur	Muzah Rashid	1,672,170	Comprehensive	Yes
Kelantan	Nik Hasmuddin	1,600,000	Basic	
Penang	Ravin Wong	1,611,000	Basic	
Johor Bahru	Mohd Amin Bin Mohidin	1,334,188	Basic	
Shanghai				
Shanghai	Onur Ahmad Al Sakaf	1,000,000	Comprehensive	Yes
Thailand				
Nagawthi (Bangkok)	Nalinax Khunthitjai	9,100,000	Basic	
Seoul	Thammaphat Duangpanitkul	1,000,000	OHCA data collection only	
Japan				
Fukuoka City Fukuoka	Dr. Kaname-Shizuma EMT	1,483,000	Comprehensive	Yes
Kyoto Special City	Dr. Takashi Nakajima	150,000	Comprehensive	Yes
Aichi Prefecture	Dr. Takashi Nakajima	7,408,640	Basic	Yes
Nagasaki City Nagasaki	Dr. Masami Nagayama EMT	416,410	Comprehensive	Yes
Chunichi City Shizuoka	Dr. Masatoshi	99,380	Comprehensive	Yes
Nara City	Dr. Shuntaro Kamei	358,630	Comprehensive	Yes
Osaka Prefecture	Dr. Takashi	13,222,000	Basic	
Kyoto City, Gionmachi	Dr. Takashi-Kimura EMT	124,077	Basic	
Osaka City, Suitama	Dr. Takashi-Kimura EMT	243,110	Basic	
Yokohama, Chukyo	Dr. Shuntaro Kamei	388,630	Comprehensive	Yes
Osaka Prefecture	Dr. Nobuhiro	2,871,000	Basic	

PAROS 2 SITES



Associate PAROS sites

Country	Medical Director/ Contact Person	Population	Intervention
Turkey			
Izmir	Ridvan Atilla	4,005,450	OHCA data collection only
China			
Hangzhou	Cai Wenwei	7,860,000	Basic
Qatar	Robert Owen	1,670,380	Basic
Indonesia			
Malang	Ali Haedar	746,710	OHCA data collection only
Pakistan			
Karachi	Junaid	21,200,000	Basic

Criteria to declare intervention phase



- Intervention -Basic
 1. Standardized dispatcher-assisted CPR protocol
 - >50% of OHCA receiving DA-CPR
 2. A training package for dispatchers
 - >90% of dispatchers completed training course (class or online version)
- Intervention -Comprehensive
 3. Integrated quality improvement (QI) program
 - >50% of OHCA calls reviewed