Overview of PAROS

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Overview

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Background

❖Out of Hospital Cardiac Arrests (OHCAs) are a global health concern.

❖There is an urgent need to better understand the key factors that affect OHCA survival.

❖To develop methods to improve OHCA survival.

What is PAROS?

Pan

Asian

Resuscitation

Outcomes

Study

Objectives

❖ Understand OHCA as a disease in Asia

❖ Describe current pre-hospital systems in the Asia-Pacific

❖ Provide international benchmarking and study of best practices

❖ Impact community awareness and change attitudes towards OHCA

❖ Improve OHCA survival by system/ community level interventions

Methods

❖ To establish a Pan Asian network of EMS physicians that will collect and link data and outcomes from OHCA and other pre-hospital emergencies in their respective cities and countries

❖ To include EMS data from dispatch services, ambulance records and service providers.

❖ Data regarding cardiac arrest outcomes and other conditions will be collected from all major hospitals.

❖ Information about PAROS and its relevant documents can be found in the website below.

❖ Contents in the website will be updated periodically.

http://www.scri.edu.sg/PAROS.html

Mission & Vision

Mission

To improve outcomes from Prehospital and Emergency care across the Asia-Pacific by promoting high quality research into resuscitation

Vision

Improving outcomes from Prehospital and Emergency Care across the Asia-Pacific

Electronic Data Capture (EDC)

❖ Web based data collection software for multi-site clinical trials.

❖ Server placed at SCRI of Singapore, which is the Trial Coordinating Centre.

❖ Customized Case Record Forms (CRF) for enrolling, collecting and managing data.

❖ In collaboration with CARES/Emory, Atlanta

❖ Accessible to team members all over the world.

❖ Each EMS agency and participating hospital will be given a user ID and password.

Frequently Asked Questions

1. What does participating in PAROS involve?

> Require a contact at each participating site or EMS agency to serve as the local PAROS administrator, and liaison between the sites/agency and PAROS staff.

> The contact will work closely with PAROS staff to:
> 1. Determine the most appropriate methods for starting data collection and program implementation
> 2. Monitor data collection for the EMS agencies and participating hospitals.

2. How does data get into PAROS?

> Via desktop computer by the PAROS EMS/hospital contact.
> Automatically extracted from existing patient's electronic record system which then auto-populates the PAROS registry
> Batch data uploading, with matching of PAROS variables

Frequently Asked Questions

3. Is the PAROS website secure?

  ➢ Uses Secure Socket Layer (SSL) encryption technology in transmitting patient's health information to help ensure the integrity and privacy of the information.

  ➢ Entire system is protected by cutting edge fire protection, and off-site data archiving to assure data integrity even in the event of a catastrophe.

4. Does PAROS use identifiable patient information?

  ➢ PAROS requires the use of patient's name and ID number to link the EMS record with the hospital outcomes.

  ➢ Once a record is determined to be complete by PAROS staff, the record is de-identified.

Frequently Asked Questions

5.Who has access to the data?

➢ The participating EMS agencies has access to all of the EMS and hospital data for their patients. EMS agencies do not have access to data from other participating agencies.

➢ Each participating hospital has access to **ONLY** their own data. Therefore, hospitals do not have the ability to view data from other area hospitals.

➢ PAROS staff has access to all EMS and hospital data for monitoring and de-identification purposes.

Participating Sites
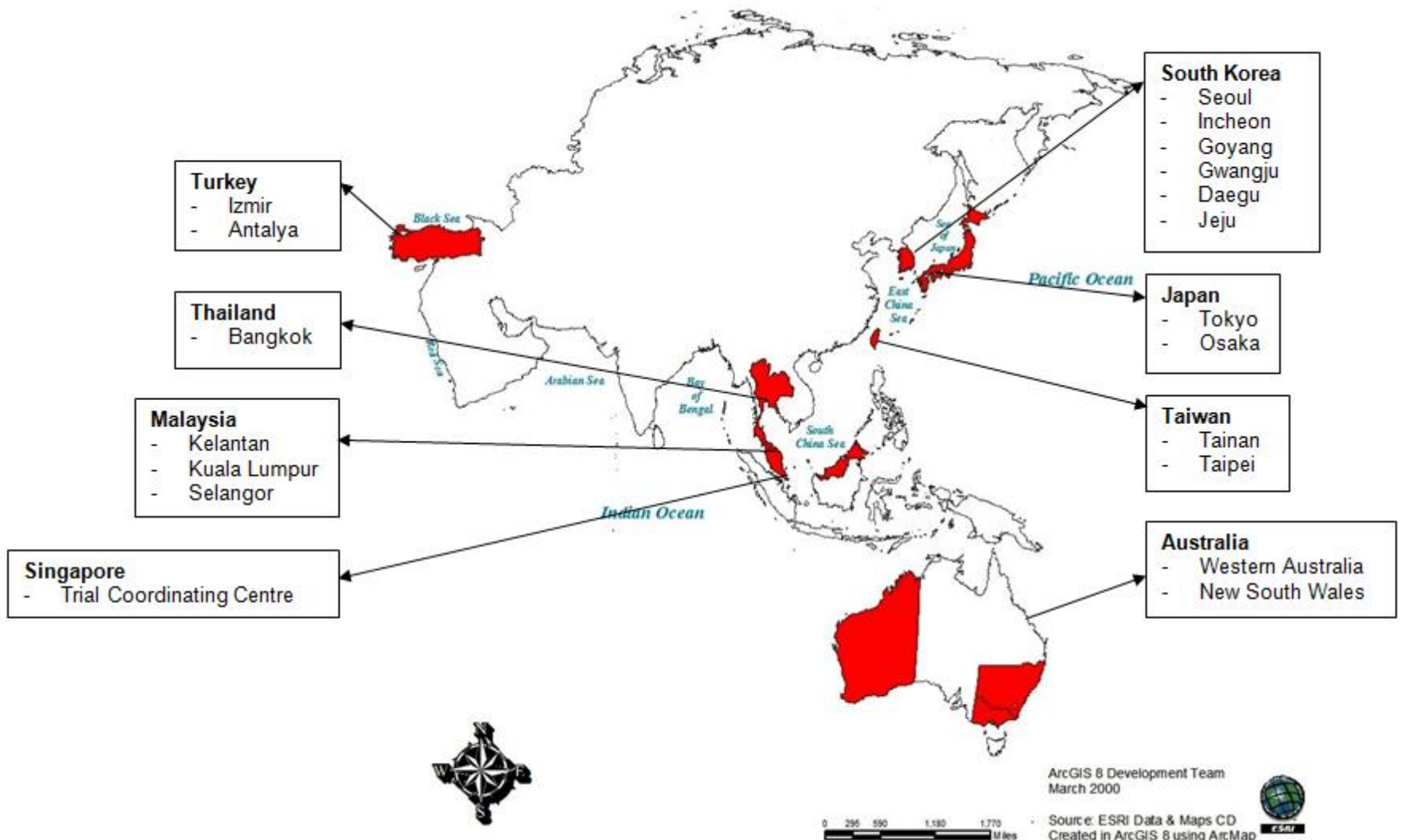
PAROS EXCO 2010

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EXCO Members

PAROS

Update on Timeline

Task	Milestone	Due Date	Status
1	Create taxonomy and data dictionary	End Sep 2009	Completed
2	Design CRF	End Nov 2009	Completed
3	Set up operation committee and publication committee	End Jan 2010	Completed
4	Set up EDC and co-ordination meeting for members	Mid Mar 2010	In progress
5	- Create questionnaire - Survey of members	Mid Mar 2010	In progress
6	EDC training for member countries	Mid June 10	
7	Launch EDC for OHCA study	June 2010 (ICEM 2010)	
8	Manuscript completed for PAROS survey and submitted for publication	End 2010	
9	Data collection completed for PAROS OHCA study and preparation for publication	June 2011	

[Study Proposal 1]-Preliminary result Comparison of Emergency Medical Service Systems of Pan-Asian Countries

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