

2014 Pan-Pacific Trauma Conference

Satellite Conference

Venue: Seoul K Hotel

Date and Time: June 26 (Thursday) 13:00-18:30

Title: Asian Excellence in Prehospital Injury Care (Asian EPIC) for Traumatic Brain Injury

■ Objectives of the workshop:

At the end of this workshop the participants will understand and be able to teach the following aspects of Adult and Pediatric Prehospital Traumatic Brain Injury care:

1. The epidemiology of TBI
2. The pathophysiology of TBI
3. Prehospital TBI management goals
4. Hands-on Prehospital airway management of TBI
5. Hands-on Prehospital management of hypoxia during TBI
6. Hands-on Prehospital ventilation during TBI
7. Hands-on Prehospital management of blood pressure during TBI
8. Multi-provider team management of TBI

■ Targeted number of students

Total 60

EMS medical directors or emergency medical technicians (level 1) who are potential trainer for EMS providers

Three attendees per one team (total 20 teams limited/ 10 groups, 4 teams per group)

■ Course layout

13:00-13:10 Course introduction Sang Do Shin and Bentley Bobrow

Opening remark: Hideharu Tanaka (Asian EMS Council Chair, Japan)

13:10-14:25 Basic knowledge of TBI

Burden and importance of TBI (15 min.) Hideharu Tanaka (Japan)

Pathophysiology of TBI (15 min.) Sabariah Faizah Jamaluddin (Malaysia)

Prehospital evaluation of TBI (15 min.) Wen-Chu Chiang (Taiwan)

Prehospital management of TBI (15 min.) Goh E Shaun (Singapore)

Prehospital management of pediatric TBI (15 min.) Kyoung Jun Song (Korea)

14:25-15:25 Hands on Skill

Evaluation and documentation of vital signs and mental status (15 min.) Chu Hyun Kim (Korea)

Management of hypoxia (15 min.) Ju Ok Park (Korea)

Management of hypotension (15 min.) Ki Jeong Hong (Korea)

Avoidance and rapid correction of hyperventilation (15 min.) Sung Woo Moon (Korea)

15:25-15:45 Break

15:45-16:45 Team skill presentation

We will have scenarios at each station, ideally with manikins and equipment and we will do both adult and children simulations. We will have 4-5 stations that each team will rotate through including basic isolated TBI case, complicated hypotensive TBI, complicated hypoxic TBI, Multi-System trauma patient with TBI, Moderate TBI case, Severe TBI case, Pediatric TBI case. We will use all of these scenarios developed by Arizona EPIC education and training.

16:45-17:55 Scenario-based team rotation

17:55-18:30 Wrap up and debriefing Question and Answer session consider giving certifications hand out to people who go through course and are going to be trainers.

- Course directors:
 - Sang Do Shin MD (Seoul National University)/ Bentley Bobrow (University of Arizona, Phoenix, USA)

- International instructors:
 - Hideharu Tanaka, MD (Kokushikan University , Tokyo Japan)
 - Wen-Chu Chiang, MD (National Taiwan University, Taipei Taiwan)
 - Goh E Shaun, MD (Khoo Teck Puat Hospital, Singapore)
 - Sabariah Faizah Jamaluddin, MD (Hospital Sungai Buloh, Selangor Darul Ehsan, Malaysia)

- Domestic directors
 - Kyoung Jun Song, MD (Seoul National University Hospital, Seoul Korea)
 - Chu Hyun Kim, MD (Inje University Hospital, Seoul Korea)
 - Ju Ok Park, MD (Seoul Fire Academy and Seoul National University Hospital, Seoul Korea)
 - Sung Woo Moon, MD (Korea University Ansan Hospital, Ansan Korea)
 - Ki Jeong Hong, MD (Boramae Medical Center, Seoul Korea)

- Assistant instructor: Doo Ho Kim EMT, Jae Ik Kim EMT, Chang Je Park EMT