Improving emergency care for the injury in Viet Nam

Dr. Luong Mai Anh
Ministry of Health of Viet Nam
luongmaianh@gmail.com

Population: nearly 91 million
Square: 332,698 km²
Outline

- Situation on injury mortality
- Situation on emergency care
- Achievements
- Difficulties and lessons-learnt
Situation on Injury Mortality in Viet Nam

Trend of injury mortality rate from 2005 to 2014

Injury mortality by cause in 2014
Situation on emergency care in Viet Nam before 2005

- Poor emergency care for injury victim at scene: 5-10% injury victim had first aid (10% by health staff), 50% wrong technique of first aid.
- Vehicle for emergency transfer: 70% motorcycle; 4% emergency car
- Overload in emergency department of hospitals (140%)
Guidelines of WHO on emergency care for violence
Prehospital trauma care system

Recommendation of WHO on prehospital trauma care (2005)

- First responder trauma care
- Basic prehospital trauma care
- Advanced prehospital trauma care

CSCT nâng cao
Trauma care system in Viet Nam

Ministry of Health

Committee on Prevention of disasters and rescue (Pre-hospital trauma care)

Health Environment Management Agency (Project/Program on pre-hospital trauma care)

Medical Services Administration (115 Transfer-hospital trauma care)

Red Cross Association (pre-hospital trauma care)

People’s Committee of provincial, district and commune levels

Preventive Medicine Centre/Unit

1. Medical Services Department/Unit 2. Hospitals

Red Cross Unit of provinces
Achievements

2005-2007
Strengthen capacity and pilot rapid response in community in Hanoi

2006-2008
Develop emergency coordinating, transferring system / Hanoi and Hue

2008-2010
Develop a model comprehensive pre-hospital trauma care / Khanh Hoa

2009-2011
Develop a system on strengthening pre-hospital trauma care in 5 provinces

2012-2013
Develop a system on strengthening pre-hospital trauma care in 3 provinces
Achievements

- Standardize minimum requirements for essential trauma care guideline
- Standardized guidelines for lay persons to conduct basic first aid
- Prime Minister’s decision to develop first aid capacity along highways
- Established volunteers network
- Emergency system (115) set up in selected provinces
- Occupational injury:
  - Regulations on first aid boxes at workplace; and setting up first aid team at workplace;
  - Regulation on 2-4 and 8-16 hour annually training and retraining for labor and first aid team respectively.
Difficulties

- Lack of legislative framework to support volunteers, first responders
- Lack of mechanism to evaluate effectiveness
- Limited awareness of community
- Lack of resources for implementing prehospital care services at national scale
Lessons-learnt

- Information and coordination of care
- Volunteer/first responder network
- Standardize minimum requirements
- Awareness of community
- Technical support of WHO and intel’ experts
- Align with national priorities for sustainability.
Guidelines for essential trauma care (WHO, 2005)
Prehospital trauma care systems (WHO, 2005)
Improving emergency care for injury in Viet Nam

Dr. Luong Mai Anh
Ministry of Health of Viet Nam
luongmaianh@gmail.com

Population: nearly 91 million
Square: 332,698 km²