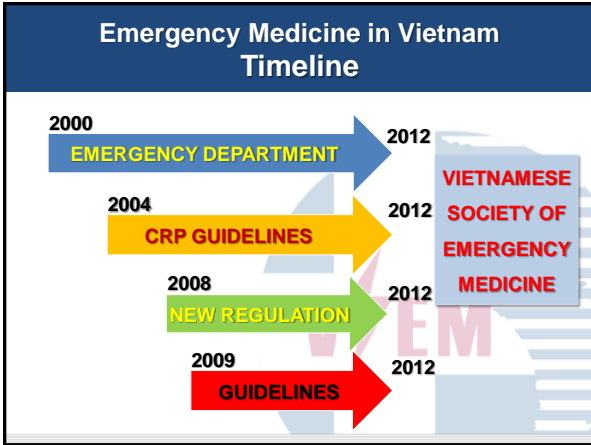



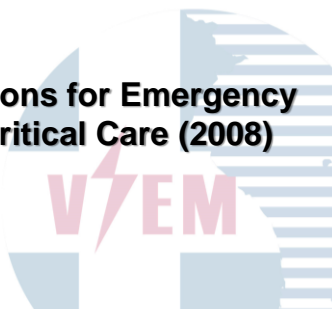
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STATUS OF EMERGENCY SYSTEM IN VIETNAM CHALLENGES AND SOLUTIONS



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New Regulations for Emergency Medicine, Critical Care (2008)



Emergency Medicine

- Tertiary hospital: 3 departments (ED, ICU, PCC)
- Provincial Hospitals: 3 departments (ED, ICU, PCC)
- District Hospitals: 2 departments (ED, ICU)
- Local providers: 1 department (ER)

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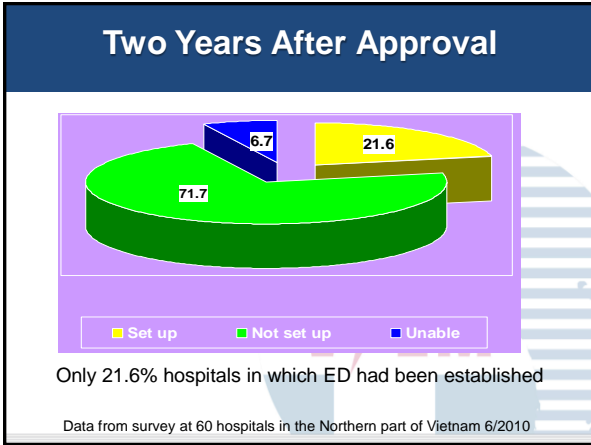
Status of EMS Following Approval of the New Regulations 2 Years



Two Years After Approval

- New regulations already is ued, but development of the EMS was still in primitive stage.
- Many hospitals had ICU only, with no ED.
- Emergency is still considered a responsibility of OPD, ICU, and surgery.
- There were no ED doctors to evaluate and stabilize severe trauma patients.

(Data from the survey in June 2010)



- ### Two Years After Approval
- Emergency ambulance system (115) only met 30% of demand even in Big cities (Hanoi, HCM).
 - Lack of policies to support the new specialty (Emergency Medicine).
 - Lack of standard curriculum for training ED doctors .
 - No paramedic system in Vietnam
- Workshop 28/02/2010- JICA – BACH MAI HOSPITAL

Situation

Reasons for delay in following the new regulation	No.	Percentage (%)
Shortage of equipment	16	38.1
Shortage of manpower	13	31.0
New regulations unknown	09	21.4
Belief that the EDs were unnecessary	04	9.5
Total	42	100

(Data from the survey in June 2010)

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Training in Emergency Medicine

Training in Emergency Medicine

- ATLS courses at Bach Mai Hospital (cooperation with lecturers from the biggest Hospitals and Hanoi, HCM Medical Universities).
- From 2005, finalize the Trauma care training (JATEC) as one part of training for almost provincial hospitals.
- Lecturing in disaster management at Bach Mai Hospital and others organized by MOH.
- Training course for first aid in trauma patients with lecturers from national, as well as from oversea specialists.

Training Courses in Emergency Medicine

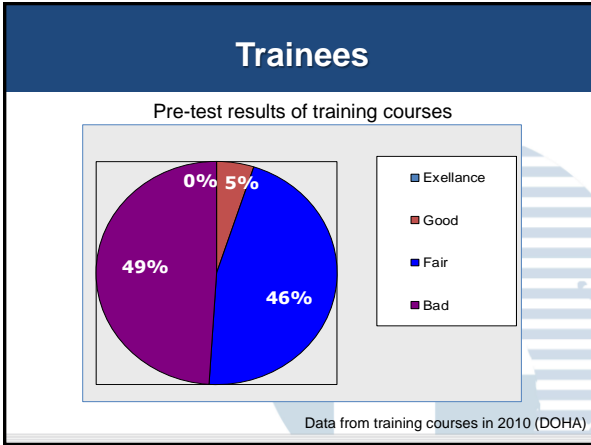


Training Courses in Emergency Medicine



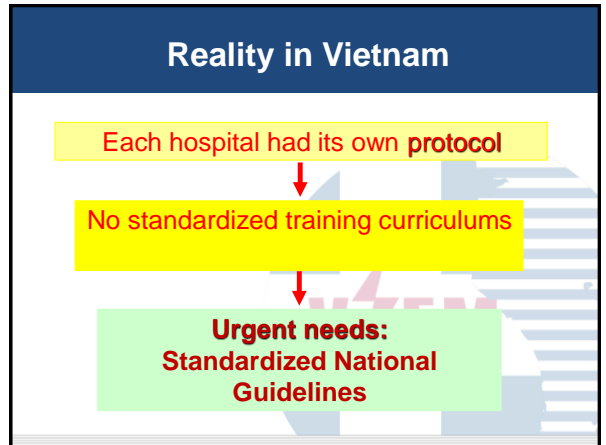
A Real Situation of Training in Emergency Medicine in Vietnam



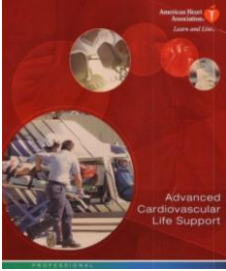


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National Standard Guideline



Guidelines in Developed Countries



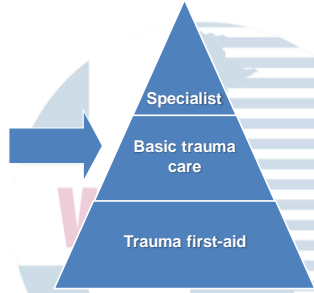
Cardiological emergency:

- AHA: → BLS, ACLS
- ERC: → BLS, ALS
- JAPAN: → JCLS

Trauma care:

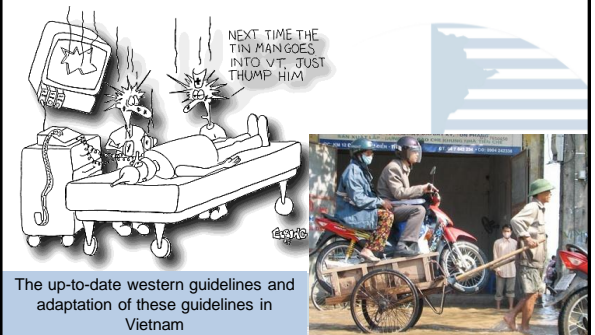
- Japan: JATEC

Pre-Hospital Trauma Care “Multi Levels”



Development of Guidelines

- Guidelines are written by experts from:
 - Medical and cardiology: Bach Mai Hospital.
 - Trauma care: Viet Duc and Saint Paul Hospitals.
 - First aid and pre-hospital care for trauma: Ambulance Center 115 and Saint Paul hospital.
- Discuss, finalize the contents
- Nationwide guidelines
- MOH to standardize and implement throughout Vietnam.

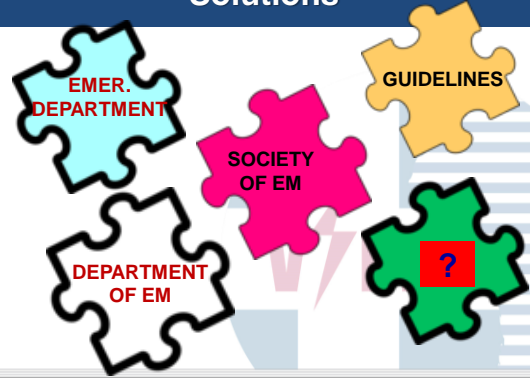


The up-to-date western guidelines and adaptation of these guidelines in Vietnam

Government Involvement in EMS

1. Advocate with Ministry of Health and local governments for the establishment and the development of EMS.
2. Standardization of academic training for EM at the Medical Universities
3. Intergrade trauma care into Emergency department nationwide .

Solutions



Vietnamese Society of Emergency Medicine (VSEM)

March 4, 2013



Are you pessimistic about EMS in Vietnam?

Thank you very much!

Or, optimistic about our EMS ?

