National Capacity Building for Disaster Reduction - Japan -

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Health Emergencies in Japan

• **Natural Disasters**
  - Earthquake, Tsunami
  - Volcanic Eruption
  - Typhoon
  - Heavy Rain, Flood, Landslide

• **Man-made Disasters**
  - Road Traffic Accident involving many vehicles
  - Train/airplane crash
  - Chemical & Nuclear Plant/Factory Accident
  - Terrorism
Urgent proposals to strengthen capacity for disaster reduction

- Establishment of disaster information network
- Implementation of disaster medicine operation unit/hospital designated as disaster medical center
- Establishment of dispatching EMS teams to disaster affected area
- Provision of long distance medical transportation
- Encouragement of training and education on disaster medicine
- Education to the citizens on emergency health care
Wide-area Disaster and Emergency Medical Services Information System

Information and Command Center

Lap-top computers distributed to Emergency Hospitals

Every emergency hospitals are requested to renew the number of vacant beds twice a day on this network system.
Disaster Medical Centers

Expected to:

- play leading role on disaster management
- accept many casualties in case of emergencies
- Be centers of long distance pt. transfer
- Dispatch relief medical teams
- Deposit medicine etc.
- Train medical staff

545 hospitals were designated as DMCs
15 hospitals are designated as DMC
2~3 Drs. are nominated as Disaster Medical Coordinators in each DMC
Main DMC is HEMC
Training seminars of personnel are held several times a year
Helicopter Transportation of Emergency Patients

Comparison with other developed countries
Training of Medical Personnel

Tokyo Disaster Medical Center

Training seminar in Hyogo

Number of trained personnel at TDMC