

## General Disaster Training of Tohoku University Hospital (2012/11/09)

Venue: Tohoku University Hospital (Sendai)

Topics: Acceptance of mass casualty and information control assuming large scale inland earthquake.

On Nov. 9, a general training of Tohoku University Hospital was conducted. Prof. Shinichi Egawa evaluated the instrumentation and activity of General Head Quarter. This training is assuming a large scale inland earthquake with intensity 6, seismic source at Nagamachi-Rifu fault. Wide area is suffering from power blackout and the university hospital immediately switch the emergent power supply. Internal PHS and LAN was available. The hospital ward and offices had mild damage by shaking with no human damage to both patients and staff. However, it was assumed that more than 1000 were dead and more than 2000 were injured throughout Sendai City and vicinity.

Evaluation was made on the following:

- a. Instrumentation of Head Quarter
- b. Information collection of inside and outside of the hospital
- c. Defining the level of disaster and announcement within 30 min.
- d. General assembly of in-hospital disaster responders within 60 min.
- e. Chronology and reporting of Head Quarter
- f. Propagation of information inside and outside of the hospital
- g. Capacity building and networking for acceptance of mass casualty

The trainees were not notified the scenario beforehand, and responded the various events time by time. Triage areas were established at the entrance hall of the hospital and hospital mall. All medical students imitated the injured patients and volunteers. Acceptance and triage of injured patients, transportation according to the triage tags and treatment were provided. In each area, medical staffs established the area, built a team and utilized the medical record and responded to the unexpected change. Caring for the wounded, coordination with the HQ and response to the families were also evaluated. Support from outside and volunteer center was also established.

Although a year and nine months passed from 3.11, people felt and acted like in the actual disaster in every area. This general training will be held every year.



Head Quater



Triage Area

Shinichi Egawa (Disaster Medical Science)、Photos: Yoshiko Abe (Emergency Center)