

Site visit of Disaster Drill in Akita University Hospital (2015/10/25)

Topics: Mutual site visit for disaster drill in national university hospitals

Venue: Akita University Hospital (Akita)

On Oct. 26 (Mon), TUH team visited Akita University Hospital (AUH) to evaluate the disaster drill according to the mutual site visit evaluation program in National University Hospital (NUH) Council of Japan. This program is aimed to improve and standardize the disaster response capacity of the national university hospitals, to improve the awareness of the employees about disaster preparedness and to share the knowledge mutually. Within three years, each NUH has to send and receive the site visit team.

The visit consists of hearing based on the evidences sent to visitors beforehand, inspection of disaster stockpile and disaster drill. Evidences are Disaster Drill Manual, Minutes of Disaster Preparedness Committee, Action Cards and documents to maintain the hospital. The evaluation is conducted objectively as much as possible using itemized evaluation sheet on A. Organization, B. Manuals, C. Drills, D. Medical practice, and E. Support of Community.

We recognized that AUH is seriously conducting this drill and mutual evaluation lead by the CEOs including Director, Vice directors, DMAT, Chief Nurse, Chief Administrator. Newly renovated hospital is functional for disaster in terms of heliport with snow-melting facility and the facility for stockpile close to the emergency room. The drill started from 14:00 assuming a big earthquake with Tsunami is attacking the city and nearby coast. The staffs in the hospital ward immediately hid under the tables to protect themselves, after confirming the safety, they wore helmets and started to confirm the safety of in-hospital patients according to the pre-planned action card.

Head-quarter (HQ) was established within 10 min and started damage assessment and information control. At the triage post in front of ER, two nurses and a clerk formed teams of trio to triage the simulated patients (SP) by med-students' volunteer. More than 50 SPs with various health situation were awaiting to be treated. Green, Yellow and Red Areas were set up closely with each other to effectively response to mass casualty. Each area has the colored bag and box with essential materials and equipment, which was maintained daily by Supply Processing & Distribution (SPD) Department. In Black area, the drill for post-mortem inspection with Police Officers using simulated mannequin.

The drill was finished by the HQ meeting followed by self-evaluation and reviewing. The mutual site visit was further discussed with the hospital CEOs according to the itemized evaluation sheet and general inspection. There could be many unexpected situations in real disaster, but this can be reduced by the continuity plan (BCP), disaster drill and continuous improvement make a Safe Hospital in disaster that protects the community health. Mutual site visit is not only for the visited NUH, but also enhances the preparedness of visiting NUH.



Disaster drill in AUH under fine weather.



Stockpile facility with roof-top heliport close to the ER



The ward staff immediately protect themselves, get the action card and started confirming the patient safely.



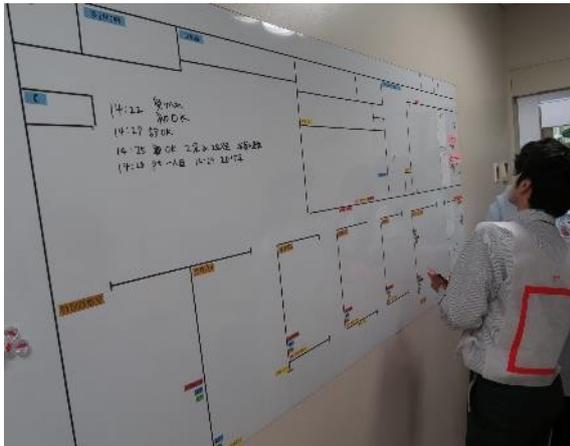
AUH Director (third from the Left) changed into the working uniform and conducted the HQ.



Two nurses and a clerk as a team to triage the SPs.



DMAT in AUH control the triage post.



The latest situation of the Red Area is summarized on the board map.



Yellow area was set to the ultra-sound rooms close to ER so that middle level of care can be provided including portable X-ray.

薬品	規格	数量	単位
ロブ錠	60mg/錠	100	錠
エリーテン錠	5mg/錠	100	錠
テブレノンカプセル	50mg/Cap	100	カプセル
セフカベンピボキシル錠	100mg/錠	100	錠
モーラステープ(7枚/袋)	20mg/枚	10	袋

Preset drugs for Green Area is packed in a green bag, periodically maintained by pharmacy in the hospital.



Drill of post-mortem inspection with Police Officers.

Shinichi Egawa (Disaster Medical Science)