

## Lecture of Disaster Medicine in Angeles University (2014/12/6)

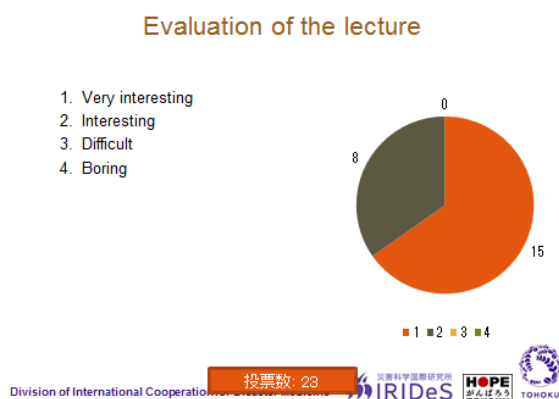
Venue: Angeles University, Philippines

Topics: Damage in Health Facilities by Typhoon Haiyan (Yolanda), Nuclear and radiological disaster and medical response.

On Dec. 6 (Sat), Prof. Shinichi Egawa made a special lecture in Angeles University in Philippines about disaster medicine and public health. Angeles University and IRIDeS has Memorandum of Agreement (MOA) and this is the second time lecture to share the knowledge of practical disaster mitigation science in Philippines.

The first part of the lecture was the initial report of IRIDeS Fact Finding Mission to the Philippines. Prof. Egawa lectured the preparedness of medical and public health, especially, the safe hospital and functional medical system in disaster. The Initial Report was greatly appreciated by the audience composed of nurses, health related teachers and university faculties. The comprehensive outline of the hazard, wind, storm surge and heavy rain, remote sensing of the affected area and questionnaire survey of survivors why and why not evacuating from their home was very informative.

The second part of the lecture was about the radiological disaster in Great East Japan Earthquake. The outline of the power plant accident, the consequence of radioactivity to the human and environment and the guidelines of prophylactic stable iodine supplement gathered great interest. Philippines built its first nuclear power plant in Bataan, but this plant had never been operated due to the safety and economic efficiency problems. There was also a debate to have the nuclear power. Prof. Egawa stressed the difficulty of accurate evaluation on the stochastic effect to the human body, the misunderstanding of radiation even in the health workers and scientific literacy about radiation to the general population. Prof. Egawa used the interactive answer pad system again and the evaluation of the lecture was high.



Evaluation of the lecture about Typhoon Yolanda

Master of Public Health course students. Most of them are active nurse, health related teachers and university faculties. Shinichi Egawa (Disaster Medical Science)