

Special lectures and promotion of collaboration with Philippine counterparts. (2017/1/13-14)

Topics: Education of disaster medicine, integration of disaster and health statistics, simulation of disaster medicine.

Venue: San Lazaro Hospital, Department of Health, University of Philippines Manila, Angeles University, (Manila, Angeles, Philippines)

On Jan, 13, 2017, Prof. Shinichi Egawa visited San Lazaro Hospital in Manila, that has Memorandum of Agreement on academic exchange with Tohoku University Graduate School of Medicine, and gave special lecture on “How to make healthy community resilient against disaster”. San Lazaro Hospital is a government hospital specialized in infectious disease and plays a role as a central hospital for health emergencies. There were 33 audience from the National Reference Laboratory/San Lazaro Hospital STD AIDS Cooperative Central Laboratory actively learned the concept of disaster risk reduction and the role of health professionals. Prof. Egawa used the interactive answer pad system and got high evaluation of the lecture.

Prof. Egawa visited Department of Health, Government of Philippines and promoted the collaborative project of incorporating the health statistics with disaster statistics in Global Center for Disaster Statistics of IRIDeS established under MOA with United Nations Development Programme (UNDP). Prof. Egawa explained the necessity of combining the health statistics with disaster statistics and the result of analysis that is showing the correlation of life expectancy and the disaster risks. There was positive response to the data sharing with IRIDeS especially on the vital statistics and health facility data.

In the afternoon, Prof. Egawa visited University of Philippines Manila (UP Manila) that has MOA with IRIDeS and joined the resident meeting in Surgery and Emergency Medicine. Prof. Egawa presented the research project to the residents and staffs of the team. The simulation is based on the system dynamics and forecast the medical needs in disaster with interactive dashboard of trauma, rehabilitation, Non-communicable disease (NCD), infectious disease, mother and child health and mental health. Philippine affected by many natural disasters and promoting the disaster medicine. We promoted the collaborative project to analyze the actual health damage in Typhoon Haiyan disaster and apply the simulation into the decision making process of disaster and emergency medicine.

On Jan. 14, Prof. Egawa visited School of Public Health, Angeles University Foundation that has MOA with IRIDeS and gave special lectures on making healthy community against disasters and disaster related infectious disease. More than 80 nursing school students, public health nurses, teachers and the faculties joined. Prof. Egawa lectured that aging, urbanization, complexity of the society and globalization changes the health risks in disaster dynamically and that the role of health cluster should be flexible and transdisciplinary to promote the inter sectoral coordination and collaboration. Prof. Egawa asked the students how they can reduce the risks of infectious disease after disaster and also to reduce the risk of biohazard as a disaster. Interactive lecture using the answer pad system got high evaluation from the attendees. Prof. Egawa emphasized the importance of measurement of health

standards to improve the health status of the community raising the example of correlation of life expectancy and the disaster risk emphasizing the importance of health promotion to make community resilient against disaster. The role of health professionals are to provide appropriate information about the hazard and bridging the clusters to promote the cluster collaborative approach in disaster. In Philippines, the collaboration between health and other cluster is about to begin to share the information and knowledge. Philippine is a good counterpart for IRIDeS and Japan.



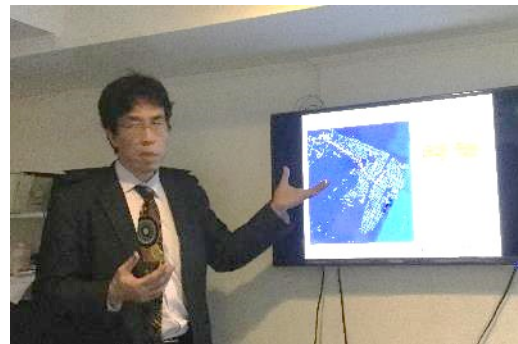
Prof. Egawa lectures in San Lazaro Hospital



Researchers in San Lazaro Hospital actively participating the lecture using answer pad system



Together with surgical and emergency medicine residents and faculties in UP Manila



Prof. Egawa presenting the research project on simulation in disaster medicine



Prof. Egawa lectures in School of Public Health in Angeles University Foundation



Students of nursing school, public health nurses, teachers and faculties of Angeles University actively participates using answer pad system

Shinichi Egawa (Disaster Medical Science)