

1. Project title
Project to strengthen capacity of emergency medical care using POCUS in Mongolia
2. Country name
Mongolia
3. Background
<p>In Mongolia, cardiovascular disease and trauma are major causes of death in recent years. Improvement in the quality of emergency medical care leads to an improvement in the life-saving rate of such patients, and therefore it is necessary to strengthen capacity of emergency medical care.</p> <p>Recently, Point-of-care ultrasound(POCUS) is regarded as a basic skill of physician, and it is thought that acquiring POCUS will lead to an improvement in the quality of emergency medical care.</p> <p>The training of emergency medicine started in Mongolia since 2015, and it was essential that all physicians train emergency departments as clinical training after graduation from 2018. Also, in Mongolia there is a unparalleled system that some physician after graduating ride in an ambulance and engage in pre-hospital medical care. However, POCUS training has not been carried out , therefore it is necessary to develop of POCUS training package and create guidelines in emergency medicine in order to improve the quality of emergency medical care at the national level</p>
4. Objective
Our objective is to improve emergency medical care skills of medical residents involved in emergency medicine and in pre-hospital medical care in Mongolia. Therefore we improve the standard of emergency medical care in Mongolia.
5. Program outline
<ol style="list-style-type: none"> 1. Meeting with Mongolian Association for Emergency Medicine and Investigation of status in Emergency Department in Mongolia 2. Dispatch of 4 Japanese experts for POCUS lectures and training 3. Invitation of 4 physician trainees from Mongolia for participation in the POCUS workshop and the POCUS training courses in Japan. 4. Implementation of on-the-job-training(OJT) by Mongolian instructor in Mongolia
6. Implementation structure
6-1. Japanese side
<p>Center hospital of the National Center of Global Health and Medicine, Department of Emergency Medicine and Critical Care.</p> <p>Inoue MD, MPH(Department of Global Network and Partnership).</p> <p>Tokyo Metropolitan Children's Medical Center, Department of Emergency Medicine and Critical Care.</p> <p>Society of Point-of-Care Ultrasound.</p> <p>Yokohama City University School of Medicine Department of Emergency Medicine</p>
6-2. Counterpart country side
Mongolian Association for Emergency Medicine

7. Indicator	
7-1. Output	Development of four faculty for POCUS training in Mongolia, development of POCUS training package and guidelines in emergency medicine
7-2. Outcome	Collaborate with Ulaanbaatar in another local city and implement POCUS training package in Mongolia
7-3. Impact	Establish training package and guideline and Improvement of the quality of emergency medical care in Mongolia
8. Main activities	
8-1. Training in 2019	
1)	Investigation in Mongolia, Lecture and trainings of POCUS (Dispatch four Japanese experts for about 1 week in June)
2)	Counter-part trainings in Tokyo in July to August (Invitation of 4 physician trainees from Mongolia)
3)	Implementation of on-the-job-training courses by Mongolian instructor in November to January