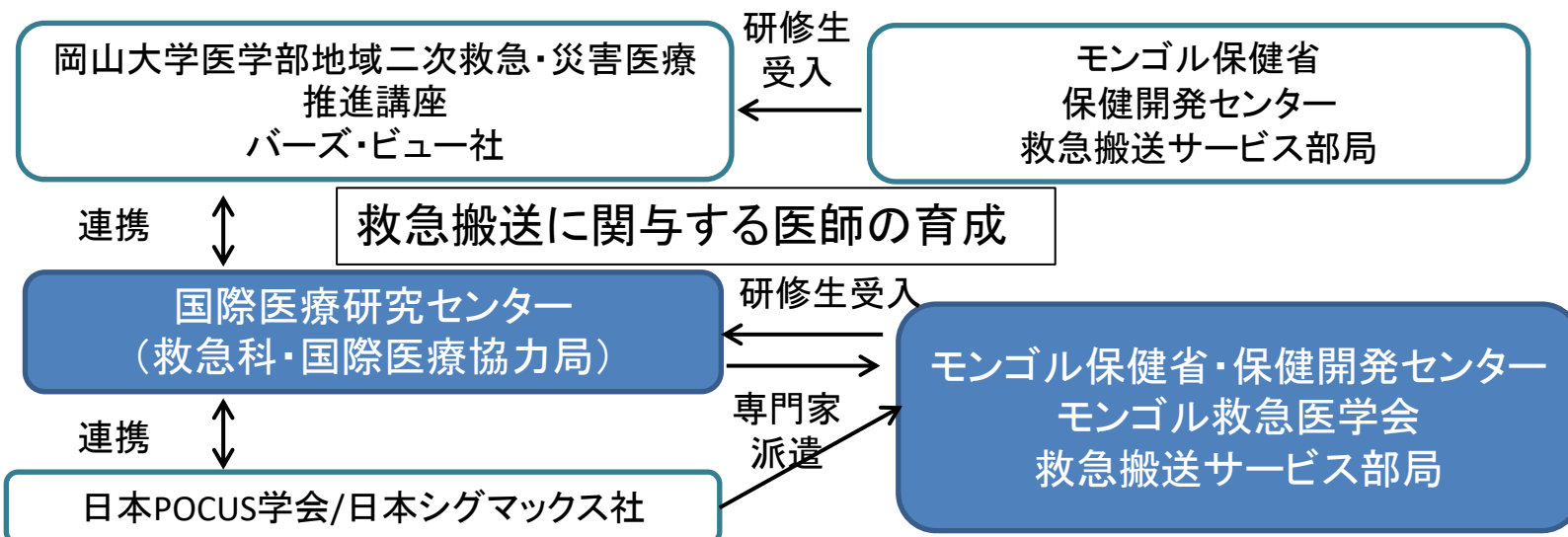


モンゴルにおけるICTを活用した救急患者管理能力強化事業

- 1.背景情報：心臓血管疾患や外傷が増加するモンゴルでは、救急医療の質を向上させるため、救急搬送に関与する医師の能力強化や救急搬送システムの整備が喫緊の課題である。
- 2.事業目的: ICTを活用し、モンゴル国における救急患者管理能力を向上させることを目的とする。
- 3.事業概要：まず、救急搬送に関与する医師たちに対し、日本のPOCUS学会の医師たちにより、救急搬送時に必要な超音波検査スキルを指導する。その後、ICTを活用して救急隊員と超音波画像を含む患者情報を共有し、救急患者管理の質向上に取り組む岡山大学のグループと連携し、モンゴルの省庁関係者、救急医学会、救急搬送サービス部局の担当者に対し、ICTを活用した遠隔画像共有システムの運用方法について研修を行う。
- 4.期待される成果とその後の波及効果：今年度末までに、救急関係者とともに、救急搬送時に行う超音波検査手技の指導体制の構築、手技の標準化を図り、次年度以降のICTシステム導入にむけて下準備を行う。

ICTを活用した遠隔画像共有システムの導入



＜研修スケジュール予定＞

- 10月 専門家派遣(3名)
 - ・ニーズ調査(6月)を経て、救急搬送に関与する医師たちにPOCUS研修
- 11~12月 訪日研修(4名)
 - ・ICTを活用した遠隔画像共有システムの運用に関する研修(次年度の準備)
- 1月 専門家派遣(2名)
 - ・モンゴルのコア人材によるPOCUS研修の指導支援

Project to Strengthen Capacity to Manage Patients Requiring Emergency Medical Services Utilizing ICT in Mongolia

1. Background: In Mongolia, where cardiovascular diseases and trauma are on the rise, there is an urgent need to strengthen the capacity of physicians involved in emergency care and to improve the emergency transport system in order to improve the quality of emergency care.
2. Objectives: The objective of this project is to improve the capacity of emergency patient management in Mongolia through the use of ICT.
3. Project Summary: First, physicians involved in emergency patient transport will be taught ultrasound skills necessary for emergency patient transport by physicians from the POCUS Society in Japan. Then, in collaboration with a group from Okayama University, which is working to improve the quality of emergency patient management by using ICT to share patient information, including ultrasound images, with paramedics, training will be provided to Mongolian ministry officials, Emergency Medical Societies, and Emergency Transport Service Department personnel on how to operate a remote image sharing system using ICT. The project will be implemented in cooperation with the Mongolian Ministry of Health.
4. Expected results and subsequent ripple effects: By the end of this fiscal year, we will establish a guidance system for ultrasound examination procedures to be performed during emergency transport, standardize the procedures, and prepare for the introduction of the ICT system in the next fiscal year and beyond.

Introduction of ICT-based remote image sharing system

Okayama University, School of Medicine,
Dept of Emergency, Critical Care, and
Disaster Medicine
Bird's View

Accept
Trainees

Mongolian Ministry of Health
Center for Health Development
Department of Emergency Transport
Service

Collaboration



Training of physicians involved in emergency transport

National Center for Global Health and Medicine
(Dept of Emergency Medicine and Critical Care •
Bureau of International Health)

Accept
Trainees

Mongolian Ministry of Health
Center for Health Development
Department of Emergency
Transport Service

Collaboration



Japan Society of Point-of-Care
Ultrasound/Nippon Sigma

Dispatch the
experts

<Training Schedule>

1. October: Dispatch of experts (3)
After needs assessment (June), POCUS training for doctors involved in emergency transport
2. November/December: Training in Japan (4): Training on operation of remote image sharing system using ICT (preparation for the next fiscal year)
3. January: Dispatch of experts (2)
Support for POCUS training by Mongolian core personnel