



Submission No.: IRG-01

Session : International Research Grant Session

Date & Time, Place : November 17 (Fri), 08:00-09:00, Room 6F-2

Session Title : -

Expanding Brain death donor transplantation in Mongolia

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Introduction:

An expanding brain death transplantation project has been implemented in 2020. Due to the COVID-19 pandemic in the middle of January 2020, most of our activities were carried out in restricted settings. However, we tried all possible options to implement project activities as we planned.

Objective:

To expand the brain death donor pool through increase in the number of doctors and hospitals involved in this medical practice. We also focused on improving our ICU doctors knowledge, experience, and skills for determining brain death donors, their management, optimizing organ function, and improving the donation rate.

Method:

During the project implementation we conducted 10 different activities to improve ICU doctors brain donor management knowledge and skills. Those activities are : advanced online training for TOT, continuous medical education course, international congress, survey studies of brain death determination, preparation of training materials and ICU manual, provide textbooks for ICU doctors in Donor hospitals, proper Information board for customers, establish new brain death determination team, organize training at hospitals, health centers and public awareness activities through TV interview, newspapers and social media.

Results:

1. Physicians and medical staff knowledge, attitudes, perceptions and involvement in deceased donor activities have improved dramatically.

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2. Learning from foreign consultants and gather experience -Training on ICU management by experienced Korean, Australian and Spanish professors and physicians significantly improved our doctors conceptions, involvements and overall detection numbers increased during 2020. The rate actual donor has directly relation with total brain death donor detection and potential donor numbers.

3. Donor hospital number increased. In order to increase brain death donor pool we established donor hospitals nationwide. Now we have 17 donor hospital network.

Conclusion:

In the future, it will be necessary to integrate all related activities into comprehensive management system and create transparent nationwide network, which can create the settings where all doctors work together more effectively and provide precise medical care and management.

Keywords: deceased donor, organ saving management, potential donor, brain death determination