"STROKE AND HEART ATTACK" PROJECT, 2010-2013

THE PROJECT GOAL:

To improve care delivery framework for comprehensive medical care to the patients with stroke and acute myocardial infarction (AMI) such as early detection, treatment, adequate rehabilitation and prevention of recurrence stroke and myocardial infarction (MI).

Main activities to implement:

- New AIS, CEC and stop-down units
- The trainings of the core team of integrated stroke and AMI specialists
- Registration of stroke and myocardial infarction
- Secondary prevention: fall-study research and intervention activities
- The under and post graduate training curriculum and module
- National clinical guidelines and protocols of stroke, AMI and rehabilitation
- Cost-effective rehabilitation program

Development the national clinical guidelines including protocols

- The members of sub-THWG were approved by the Minister for Health on 17 June 2011
- The first national clinical guidelines were approved by the order №27 of Minister for Health on 15 January 2013
  1. Clinical guideline of acute stroke
  2. Clinical guideline of acute myocardial infarction
  3. Miyongtong salt intervention rehabilitation guidelines
- As a result of Mongolian government, the clinical guideline has been developed based on mainly the European modern clinical guidelines.

Essential equipment technical specification of Acute Stroke Unit (ASU), Coronary Care Unit (CCU) and Rehabilitation Unit

- All the equipment for the newly newly establishing units of acute stroke and cardiac diseases, step-down units and rehabilitation departments has been provided by WHO according to the project developed and approved 15 kinds of equipments
  - Cadilac laboratory (pathography)
  - Computer-intangraphy
  - Acute stroke unit
  - Cardiac-stcznie care unit

Human resource development:

- Study tour
- Fellowship trainings in abroad by WHO's fellowship program.
- Local trainings

Service delivery:

- Home at 11
  - Patients undergoing acute stroke (CCU, rehabilitation, and general hospital) can be shifted to Shastin Central Hospital ER through MI Support center for admission based on medical information. The ambulance accompanies the patient.
  - Strokes that are transferred to Shastin Central Hospital ER are surveyed on registration system and access to the system is limited to emergency and the department.

Strokes, MI and rehabilitation team are now staffed at the selected hospitals.

The TWG developed the patient flowline into MI unit from the hospital admission or stroke hospital and AMI and rehabilitation departments including the implementation protocol, risk factors and patient care at PM-25 on 06 June 2011:

Research:

- Study tour
- Fellowship trainings in abroad by WHO's fellowship program.
- Local trainings

Stroke registration

- Stroke registration Web-based and Microsoft access software programs were developed in English and Mongolian Languages.
- The government is working to become the number of stroke CEP Surveillance system of WHO's surveillance project.
- A hospital and community based pilot registration of stroke was started implementing from 1st November, 2011 at the project selected hospitals including Ulaanbaatar district.

The project developed a proposed Mongolian stroke registry development plan.

Preparation for Intervention