

Project for Strengthening Team Approach and Regional Cooperation for Stroke patients at Stroke Centers in Northern Vietnam

- BACKGROUND:** Non-communicable diseases account for 70% of deaths in Vietnam, with stroke being the leading cause. Since 2015, NCGM has been working with Bac Mai Hospital to introduce team approaches for stroke patients. In 2022, NCGM supported stroke patient registration and case review, development of the stroke treatment guideline, assessment of higher brain dysfunction, rehabilitation orthosis production, swallowing diet menu planning, and stroke related nursing diagram development.
- OBJECTIVE:** To improve the quality of stroke treatment, rehabilitation, nutrition, and nursing care at Bac Mai Hospital and other hospitals, and to contribute to the strengthening of the team medical care system.
- SUMMARY:** In 2023, the project will analyze stroke patient registration information at Bac Mai Hospital, examine cases of cardiogenic cerebral embolism, evaluate and rehabilitate patients with higher brain dysfunction and aphasia, produce and clinically use rehabilitation orthoses, develop guidelines for swallowing diets and tube feeding, and support the development of stroke nursing guidelines. In addition, the project will support the knowledge and skill transfer from Bac Mai Hospital to local hospitals.
- EXPECTED OUTCOMES and IMPACTS:** By February 2024, the following are expected: presentation of the results of stroke patient evaluation index analysis, establishment of diagnostic and treatment protocols for cardiogenic cerebral embolism, evaluation of higher brain dysfunction and aphasia, and establishment of clinical use systems for rehabilitation and its orthosis, publication of guidelines for swallowing diets and tube feeding, and guidelines for stroke nursing. In addition, the Ministry of Health of Vietnam is expected to approve these products, which will have a ripple effect on a wider range of local hospitals.

