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A NEW TECHNIQUE FOR RESTORING CEREBROSPINAL FLUID CIRCULATION

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This study aims to observe the efficacy of a new recovery technology of cerebrospinal fluid flow obstacle for the treatment of subarachnoid haemorrhage with intracranial aneurysms, and review the overview of this new technology and new surgical instruments.
Methods: Fifth patients with subarachnoid haemorrhage caused by intracranial aneurysms, whose the HUNT-HESS were grade 2~4. According to the operation methods of a coaxial catheter in vascular intervention, author envisaged that insert some specialized utensils into subarachnoid cavity to carry out thrombolysis, intelligence mechanical shunt of cerebrospinal fluid through lumbar puncture under the DSA watching to achieve an aim of resuming cerebrospinal fluid (CSF) and rebuilding CSF circulation.
Results: Seven consciousness disorder patients awaked in 8 to 26 hours after treatment by this technique, 15 patients were cured, no patient died and no any complication. Our observation suggests that the new technology restoring cerebrospinal fluid circulation on the treatment of subarachnoid haemorrhage with intracranial aneurysm is efficacy, worthy of further clinical observation.

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