

Clinical Results for Aneurysmal Subarachnoid Hemorrhage in the Last Ten Years

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Abstract: From January 1996 to December 2005, we treated 339 patients with ruptured intracranial aneurysms and investigated the patient's backgrounds, preoperative Hunt & Kosnik grade, site of ruptured aneurysms, the presence of symptomatic vasospasm, normal pressure hydrocephalus and the Glasgow Outcome Scale on discharge, retrospectively. The patient's background and preoperative Hunt & Kosnik grade were same as the ones reported previously. Regarding the site of ruptured aneurysms, ACA was less frequent than ICA. The incidence of symptomatic vasospasm did not increase in proportion to the severity of the SAH grade, but normal pressure hydrocephalus did increase in proportion to the severity of the SAH grade. Concerning GOS on discharge it was good in 75% of our cases. Although the patients with aneurysms of posterior circulation tended to have an increased severity of the SAH, their prognosis was the same as that for patients with aneurysms of the anterior circulation. Concerning GOS on discharge, it improved during the last 5 years in comparison to the former 5 years. The reason for this might related to the introduction of GDC embolization, and new neuroprotective drugs.

Key words : Subarachnoid Hemorrhage, Ruptured Aneurysm, Clinical Results