

sity Hospital. Intimal disease was found at the carotid sinus in the first decade and tended to progress with age. Approximately a half of the cases over age 60, however, showed slight degree of degenerative disease with atherosclerotic index under 5 while the highest index was 35 given in a 81-year-old male. There were two cases, aged 81 and 78, encountered with bilateral severe occlusive disease at the carotid sinus associated with cerebral infarcts.

S32. The Surgical Experiences on 8 Cases of Anterior Communicating Artery Aneurysm

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We have had 8 cases of aneurysm on anterior communicating artery, and applied to all of them intracranial procedure. One patient who had been operated under the condition of unconsciousness was lost, but other 7 cases are living healthy now. We emphasized that one must be known the three dimensional relation between the aneurysm and its around vessels on the preoperative cerebral angiographies. And we reported how to approach to the aneurysm, allowed time of the temporary clip of bilateral anterior cerebral arteries under hypothermic anesthesia, and the causes and treatments for these postoperative accidents.

S33. The Study on Vertebro-Basilar Artery Insufficiency and Anticoagulant Therapy

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Recently several patients with moderately complicated neurological deficiencies were introduced to our clinic. They were suspected of brain tumors, degenerative diseases or cerebellar ataxia before admission.

By examining these patients after admission it was cleared that they were all classified under the diagnosis of vertebro-basilar insufficiency. The result of the present study was described as follows.

1. There were 8 patients in my series who were diagnosed correctly by