Aneurysmal subarachnoid hemorrhage - therapy and complications

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The management of patients with aneurysmal subarachnoid hemorrhage (SAH) requires a fundamental knowledge of the disease, its therapeutic options and possible complications. The preoperative goal is to prevent rebleeding by controlling blood pressure and treating pain and anxiety as well as stabilizing cardiopulmonary functions. An acute hydrocephalus has to be treated immediately. Microsurgical clipping or endovascular coiling are the therapeutic options available. The postoperative goal aims at securing cardiopulmonary functions as well as recognizing and treating cerebral (cerebral vasospasm, hydrocephalus, epilepsy) and systemic complications (electrolyte disorder, cardiac dysfunction). This article provides an overview about the pre-, peri- and postoperative management of patients with SAH.

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