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in Patients with Aneurysmal Subarachnoid Hemorrhage Undergoing Surgical Clipping (CONSCIOUS-2); Introduction; Methods; Results; Discussion; Conclusion; References; Angiographic Vasospasm Versus Cerebral Infarction as Outcome Measures After Aneurysmal Subarachnoid Hemorrhage; Introduction; Methods; Meta-analyses; Exploratory Cohort Analysis; Results; Angiographic Vasospasm and Poor Clinical Outcome Meta-analysis
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Magnesium Sulphate for Aneurysmal Subarachnoid Hemorrhage: Why, How, and Current Controversy Introduction; Proposed Mechanism of Action; Administration Routes; Conclusion; References; Prolonged Intravenous Infusion of Sodium Nitrite Delivers Nitric Oxide (NO) in Humans; Introduction; Materials and Methods; Results; Sodium Nitrite Infusion; Discussion; Conclusion; References; Proposed Mechanism of Cerebral Vasospasm: Our Hypothesis and Current Topics; Introduction; Mechanism Underlying Increased Vascular Contractility After SAH; Endothelial Damage and Dysfunction
Upregulation of Receptor Expression

Sommario/riassunto

The book contains 48 articles presented at the 11th International Conference on Cerebral Vasospasm held in Cincinnati, Ohio, USA, in July 2011. This collection of papers represents a cross-section of the enormous progress that has been made towards a thorough understanding and effective treatment of neurovascular events following aneurysmal subarachnoid hemorrhage, including cerebral vasospasm. It is of interest to clinicians who wish to apply state-of-the-art knowledge to their management of this devastating condition and to basic scientists wishing to expand their understanding of cerebrovascular and neural pathophysiology related to subarachnoid hemorrhage.
