



## Diagnosis and Treatment of Normal-Pressure Hydrocephalus Syndrome—an Update

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### Message from the Guest Editors

The goal of this Special Issue is to review controversial aspects regarding the screening methods, diagnostic tests, and treatment of patients with NPH that are relevant to individualizing treatment and improving outcomes after surgery. In addition, we review the different types of available hardware and discuss the advantages and disadvantages of the most frequently-used devices. We remark on the need for the neurosurgeon to be aware of the differences among commercially-available devices and to avoid the common mistake of choosing a one-size-fits-all system for this group of patients. The variables to take into account for selecting the most appropriate CSF device are discussed. Careful selection can reduce the risk of what has been named “shunt-patient mismatch”, which is the most important cause of increased surgical risks after surgery. With a more rational approach to shunting, we believe that we can increase the chances of a positive outcome and increase the quality of life of aged patients with this syndrome.





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