

# Venous outflow

**Venous outflow** has been examined as a potential descriptor of the **etiology** of various diseases such as **migraines**, **tinnitus**, **multiple sclerosis**, and **Alzheimer's disease** <sup>1) 2)</sup>

However, results were often discouraging, with the exception of **idiopathic intracranial hypertension**, where a model of functional coupling between **intracranial pressure** (ICP) and **sagittal sinus pressure** (SSP) has been produced <sup>3)</sup>.

<sup>1)</sup>

Zakaria MMA, Mikhael SY, Hussein AKA, El-Din RAS, El-Malak HWA, Hewedi IH, Nadim HS. Failure of the vascular hypothesis of multiple sclerosis in a rat model of chronic cerebrospinal venous insufficiency. Folia Neuropathol. 2017;55(1):49-59.

<sup>2)</sup>

Henry-Feugeas MC. Assessing cerebrovascular contribution to late dementia of the Alzheimer's type: the role of combined hemodynamic and structural MR analysis. J Neurol Sci. 2009;283(1-2):44-8.

<sup>3)</sup>

Bateman GA. Association between arterial infow and venous outflow in idiopathic and secondary intracranial hypertension. J Clin Neurosci. 2006;13(5):550-6.

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