

Tumors of the cerebellum and IV. ventricles in adults

Gliomas

 For more information see *Gliomas of the brain (classification, symptomatology, diagnosis, treatment)*.

Ependymoma

Ependyma

Hemangioblastoma

- formerly called *angioreticulum*
- in 80% it is a spontaneously occurring tumor
- 20% are part of a genetically determined syndrome - von Hippel-Lindau syndrome (VHL) (CNS hemangiomas, retinal angiomas, cysts of parenchymatous organs)
 - 25% of them have kidney cancer, pheochromocytoma and more often also pancreatic cancer!
- is benign, mainly affects younger individuals
- is most often in the cerebellum
- is often cystic or may be solid, highly vascularized
- it is the cystic form that is dangerous, because it can start to increase rapidly and is life-threatening with an acute occipital herniation!
- clinical picture - cerebellar syndrome and intracranial hypertension syndrome
 - in 20%, polyglobulia from ectopic EPO production is a tumor
- diagnosis - preferably on MRI with Gd contrast - cyst with hyperdense tumor nodule
- therapy - cystic hemangioblastoma is always an indication for urgent surgery!, a cone can occur at any time and death can occur within minutes, it is necessary to look for VHL disease in the family, look for cysts on the organs with a sonogram, ...

Links

Source

- {{#switch: web

|book =

Incomplete publication citation. BENEŠ, George 2007. Also available from <<http://www.jirben.wz.cz/>>.

|collection =

Incomplete citation of contribution in proceedings. BENEŠ, George. 2007. Also available from <<http://www.jirben.wz.cz/>>. {{#if: [978-80-7262-438-6] }}
|article =
Incomplete article citation. BENEŠ, George. Study Materials. 2007, year 2007, also available from <<http://www.jirben.wz.cz/>>.

|web =

BENEŠ, George. *Study Materials* [online]. ©2007. [cit. 2009]. <<http://www.jirben.wz.cz/>>.

|cd =

BENEŠ, George. *Study Materials* [CD/DVD]. ©2007. [cit. 2009].

|db =

Incomplete database citation. *Study Materials* [database]. ©2007. [cit. 2009]. <<http://www.jirben.wz.cz/>>.

|corporate_literature =

Incomplete citation of company literature. BENEŠ, George. 2007. Also available from <<http://www.jirben.wz.cz/>>. legislative_document =
Incomplete citation of legislative document. 2007. Also available from URL <<http://www.jirben.wz.cz/>>.

References

- {{#switch: book

|book =

Incomplete publication citation. ZEMAN, Miroslav, et al. *Special Surgery*. Prague : Galen, 2004. 575 s. 978-80-7262-438-6.

|collection =

Incomplete citation of contribution in proceedings. ZEMAN, Miroslav, et al. *Special Surgery*. Prague : Galen, 2004. 575 s. {{#if: 80-7262-260-9 |978-80-7262-438-6} }
|article =
Incomplete article citation. ZEMAN, Miroslav, et al. 2004, year 2004,

|web =

Incomplete site citation. ZEMAN, Miroslav, et al. Galen, ©2004.

|cd =

Incomplete carrier citation. ZEMAN, Miroslav, et al. Galen, ©2004.

|db =

Incomplete database citation. Galen, ©2004.

|corporate_literature =

ZEMAN, Miroslav, et al. *Special Surgery*. Prague : Galen, 2004. 575 s. 978-80-7262-438-6} }