

Porencephaly

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Porencephaly is a type of cephalic disorder. This is an extremely rare disorder of the central nervous system involving a cyst or cavity in a cerebral hemisphere. The cysts or cavities are usually the remnants of destructive lesions, but are sometimes the result of abnormal development. The disorder can occur before or after birth. ([From the Wikipedia article Porencephaly.](#))



Recent Publications on Porencephaly:

- [Prevention of growing skull fractures.](#)
*The author describes 2 cases of children with growing skull fractures...*4th February, 2010
Department of Pediatric Neurosurgery, University of Tennessee Health- J Neurosurg Pediatr. 2010 Feb;5(2):213-8. ([DOI Direct Link](#))
- [\[New developments in spastic unilateral cerebral palsy.\]](#)
*INTRODUCTION: Hemiplegic (or spastic unilateral) cerebral palsy accounts...*2nd February, 2010
Service de medecine physique et de readaptation pediatrique, hopital- Rev Neurol (Paris). 2010 Jan 28. ([DOI Direct Link](#))
- [Col4a1 mutation in mice causes defects in vascular function and low blood pressure associated with reduced red blood cell volume.](#)
*Collagen type IV is the major structural component of the basement...*9th January, 2010
Faculty of Biomedical and Life Sciences, University of Glasgow, University- Hum Mol Genet. 2010 Jan 27. ([DOI Direct Link](#))
- [Clinical experience of using multidetector-row CT for the diagnosis of disorders in cattle.](#)
*To determine the clinical usefulness of multidetector-row CT for the...*6th January, 2010
Department of Clinical Veterinary Science, Obihiro University of- Vet Rec. 2009 Nov 7;165(19):559-62.
- [Cerebrovascular disease related to COL4A1 mutations in HANAC syndrome.](#)
*BACKGROUND: COL4A1 mutations cause familial porencephaly, infantile...*23rd December, 2009
Tenon Hospital, Stroke Unit, Department of Neurology, Paris, France.- Neurology. 2009 Dec 1;73(22):1873-82. ([DOI Direct Link](#))
- [Prenatal stroke.](#)
*The main focus of this chapter is the comprehensive description of the...*16th December, 2009
Sophia Children's Hospital Erasmus MC Rotterdam, dr Molewaterplein 60,- Semin Fetal Neonatal Med. 2009 Oct;14(5):250-66. Epub 2009 Aug 6. ([DOI Direct Link](#))
- [What is the clinical importance of echogenic material in the fetal frontal horns?](#)
*OBJECTIVE: The purpose of this study was to evaluate the importance of...*26th November, 2009
Department of Radiology, Beth Israel Deaconess Medical Center, Boston, MA- J Ultrasound Med. 2009 Dec;28(12):1629-37.
- [Necrotising encephalopathy and porencephaly in lambs.](#)

*The main focus of this chapter is the comprehensive description of the...*26th September, 2009
- Vet Rec. 2009 Jul 4;165(1):31-2.

- [Imaging diagnosis--porencephaly in a calf.](#)

*The main focus of this chapter is the comprehensive description of the...*6th August, 2009
Department of Clinical Veterinary Science, Obihiro University of- Vet Radiol Ultrasound. 2009
May-Jun;50(3):301-3.

- [Prenatal diagnosis of porencephaly secondary to maternal carbon monoxide poisoning.](#)

*Porencephaly is defined as an area of focal encephalomalacia that...*16th June, 2009
Department of Obstetrics and Gynecology, Maternal and Fetal Unit, Istanbul- Arch Gynecol Obstet.
2009 May;279(5):697-700. Epub 2008 Sep 6. ([DOI Direct Link](#))

- [A dominantly inherited mutation in collagen IV A1 \(COL4A1\) causing childhood onset stroke without porencephaly.](#)

*We describe a three generation family with recurrent strokes and...*30th May, 2009
Department of Paediatric Neurology, Bristol Royal Hospital for Children,- Eur J Paediatr Neurol. 2009
May 28. ([DOI Direct Link](#))

- [\[Hereditary angiopathy with nephropathy, aneurysms and muscle cramps \(HANAC\): a new basement membrane-disease associated with mutations of the COL4A1 gene\]](#)

*Since 2005, several neurological diseases, including porencephaly,...*25th April, 2009
Nephrologie et Dialyses, Unite INSERM UMR S 702, UPMC, Hopital Tenon,- Bull Acad Natl Med. 2008
May;192(5):971-84; discussion 984-6.

- [COL4A1 mutation in two preterm siblings with antenatal onset of parenchymal hemorrhage.](#)

*OBJECTIVE: To report the presence of intracerebral hemorrhage and...*10th April, 2009
Department of Neonatology, Wilhelmina Children's Hospital, UMC Utrecht,- Ann Neurol. 2009
Jan;65(1):12-8. ([DOI Direct Link](#))

- [\[Case of a Japanese female presenting severe achondroplasia with developmental delay and acanthosis nigricans \(SADDAN\) syndrome with a K650M mutation in the fibroblast growth factor receptor 3 gene\]](#)

*We diagnosed a Japanese female as having severe achondroplasia with...*8th January, 2009
Department of Pediatrics, Kakogawa Municipal Hospital, Kakogawa, Hyogo.- No To Hattatsu. 2008
Nov;40(6):478-82.

- [\[Bluetongue virus serotype 8 \(BTV-8\)-associated brain malformations in two calves\]](#)

*Congenital brain malformations such as hydranencephaly as well as internal...*10th September, 2008
Staatliches Veterinaruntersuchungsamt Arnsberg.- Dtsch Tierarztl Wochenschr. 2008
Aug;115(8):298-303.

Porencephaly Clinical Trials:



- [Study of Abnormal Blood Clotting in Children With Stroke](#)



Porencephaly Patents:

- 7641915- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 5998579- [Epimorphin antagonist and process for producing it](#)
- 6498243- [Epimorphin antagonist and process for producing it](#)
- 6764677- [Tango 294, a lipase-like protein](#)
- 6811987- [Human calcium binding protein and a polynucleotide encoding the same](#)
- 6919431- [Polypeptide-human SNARE protein 25 and a polynucleotide encoding the same](#)
- 7160694- [Nucleic acids encoding TANGO405 and functional fragments and uses thereof](#)
- 7256002- [Screening for neurotoxic amino acid associated with neurological disorders](#)
- 7273724- [Polypeptide-human actin-binding protein 54 and a polynucleotide encoding the same](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7459530- [Tango 405 polypeptides and uses thereof](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7517864- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 3961186- [Method and apparatus for the determination of electron density in a part volume of a body](#)

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