

## Dural Cavernous Sinus Fistulas Diagnosis And Endovascular Therapy By Benndorf Goetz Author Hardcover 2009

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### **Carotid-Cavernous Fistula (CCF) Workup: Imaging Studies ...**

Miller NR. Diagnosis and management of dural carotid-cavernous sinus fistulas. Neurosurg Focus 2007; 23:E13. Kirsch M, Henkes H, Liebig T, et al. Endovascular management of dural carotid-cavernous sinus fistulas in 141 patients. Neuroradiology 2006; 48:486.

### **Carotid-cavernous fistula - Wikipedia**

The differential diagnosis and pathogenesis of carotid cavernous sinus fistulas and the likely pathogenesis of the fistula in this case are discussed. Full text Get a printable copy (PDF file) of the complete article (628K), or click on a page image below to browse page by page.

### **Imaging diagnosis of dural and direct cavernous carotid ...**

Dural cavernous sinus fistulas (DCSFs) are benign vascular diseases consisting in an arteriovenous shunt at the cavernous sinus that if misdiagnosed can lead to potentially serious ophthalmologic complications. This volume provides a complete guide to the diagnosis and minimal invasive treatment of

### **Dural cavernous sinus fistula: an unusual presentation.**

Arteriovenous fistulae of the cavernous sinus are rare and difficult to diagnose. They are classified into dural cavernous sinus fistulae or direct carotid-cavernous fistulae. Despite the similarity of symptoms between both types, a precise diagnosis is essential since the treatment is specific for each type of fistula.

### **Buy Dural Cavernous Sinus Fistulas: Diagnosis and ...**

Carotid cavernous sinus fistulas (CCSFs) are a rare entity occurring as a result of head trauma and also spontaneously. The major threat from these fistulas is loss of vision. The authors reviewed 18 cases of direct and dural CCSFs seen over the last 10 years and compared our results with 553 cases treated in the literature.

### **Carotid-Cavernous Fistulas: Prompt Diagnosis Improves ...**

Dural cavernous sinus fistulas (DCSFs) represent a benign vascular disease, consisting in an arteriovenous shunt at the cavernous sinus. In the absence of spontaneous resolution, the fistula may lead to eye redness, swelling, proptosis, chemosis, ophthalmoplegia and visual loss.

### **Diagnosis and management of dural carotid-cavernous sinus ...**

Most dural arteriovenous fistulas have no clear origin, although some result from identifiable causes such as traumatic head injury, infection, previous brain surgery or tumors. Most authorities think that dAVFs involving the larger brain veins usually arise from progressive narrowing or blockage of one of the brain's venous sinuses, which route circulated blood from the brain back to the heart.

### **UpToDate**

Carotid-cavernous sinus fistula is an abnormal communication between the internal or external carotid arteries and the cavernous sinus. These lesions may be classified based on the following: etiology (traumatic vs spontaneous), velocity of blood flow (high vs low), and anatomy (direct vs dural, or internal carotid vs external carotid).

### **Dural arteriovenous fistulas - Symptoms and causes - Mayo ...**

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### **Dural and Carotid Cavernous Sinus Fistulas: Diagnosis ...**

Carotid-cavernous sinus fistula is an abnormal communication between the internal or external carotid arteries and the cavernous sinus. These lesions may be classified based on the following: etiology (traumatic vs spontaneous), velocity of blood flow (high vs low), and anatomy (direct vs dural, or internal carotid vs external carotid).

### **Dural Cavernous Sinus Fistulas: Diagnosis and Endovascular ...**

Dural carotid-cavernous fistulas (DCCFs) constitute a rare condition caused by abnormal communications between meningeal branches of the internal or external carotid artery and the cavernous sinus, typically diagnosed in postmenopausal women. 1 Its underlying pathophysiology is yet unknown, although a link between DCCF and sinus thrombosis has been suggested. 2, 3 Patients with DCCF are ...

### **Carotid-Cavernous Fistulas: Symptoms and Treatment ...**

Dural arteriovenous fistulas are usually acquired and in most instances are idiopathic 6. In patients with a documented antecedent cause, most occur as the result of neovascularization induced by a previously

thrombosed dural venous sinus (typically the transverse sinus). Other causes include trauma and previous craniotomy.

#### **Dural arteriovenous fistula | Radiology Reference Article ...**

A carotid cavernous fistula is an abnormal communication between the carotid arterial system and the cavernous sinus. CCFs can be classified by anatomy (direct or dural), etiology (traumatic or spontaneous) or blood flow velocity (high or low).

#### **Diagnosis and treatment of dural carotid-cavernous ...**

Carotid Cavernous Fistulas. The cavernous sinus (CS) is a paired dural venous sinus centered around the sella turcica. It contains multiple venous channels extending from the endosteal dural layer of the sphenoid bone inferiorly and medially to the meningeal dural layer of the floor of the middle cranial fossa.

#### **Article--Diagnosis and management of dural carotid ...**

T1 - Diagnosis and management of dural carotid-cavernous sinus fistulas. AU - Miller, Neil R. PY - 2007. Y1 - 2007. N2 - A carotid-cavernous sinus fistula (CCF) is an abnormal communication between the cavernous sinus and the carotid arterial system.

#### **Dural Cavernous Sinus Fistulas - Diagnosis and ...**

Dural arteriovenous shunts are abnormal communications between the cavernous sinus and one or more meningeal branches of the internal carotid artery, external carotid artery or both. Shunts involving both arterial distributions are the most common. 1 The pathogenesis of dural fistulas is unclear, but it appears that they originate from tiny arteriovenous shunts in the dura that are normal ...

#### **Carotid-Cavernous Fistula (CCF): Background ...**

Advanced dural fistulas, especially those with substantial orbital or cavernous sinus venous occlusion, might trigger periorbital or retrobulbar discomfort and possibly facial pain. Increasing episcleral venous pressure can increase intraocular pressure.

#### **Dural Cavernous Sinus Fistulas Diagnosis**

A carotid-cavernous fistula results from an abnormal communication between the arterial and venous systems within the cavernous sinus in the skull. It is a type of arteriovenous fistula. As arterial blood under high pressure enters the cavernous sinus, the normal venous return to the cavernous sinus is impeded and this causes engorgement of the draining veins, manifesting most dramatically as a ...

#### **Carotid Cavernous Fistula - EyeWiki**

Diagnosis and treatment of dural carotid-cavernous sinus fistulas 3 FIG. 3. Images showing the appearance of a dural CCF that is fed by extradural branches from both the ICA and ECA. A: Lateral view of a selective left internal carotid arteriogram shows a large collection of contrast material in the cavernous sinus (arrow).

#### **Diagnosis and Management of Carotid Cavernous Fistulas ...**

The pathogenesis of these fistulas is controversial. 21 It was once speculated that spontaneous dural CCFs form after rupture of one or more of the thin-walled dural arteries that normally traverse the cavernous sinus. 79 Extensive, preformed, dural arterial anastomoses not directly involved in the fistula may dilate and contribute collateral blood supply after rupture, resulting in an ...