

Anterior sacral meningocele

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Anterior sacral meningoceles are congenital lesions that consist of a spinal fluid-filled sac in the pelvis communicating by a small neck with the spinal subarachnoid space through a defect in the sacrum. They protrude into retroperitoneal and presacral space. ^{1) 2)}

The wall of the sac consists of two layers, an inner arachnoid membrane and outer dura mater, which extends into the retroperitoneal presacral space from the sacral spinal canal ³⁾.

Anterior sacral [meningocele](#) was first described in [1837](#) as a part of [neural tube defect](#) (NTD) spectrum.

It may be associated with a syndrome like [Currarino syndrome](#) ⁴⁾ which includes anorectal malformations, sacral bony defect and presacral mass; and [Marfan syndrome](#) wherein the etiology may be disorder of collagen biosynthesis and structure at the dural level ⁵⁾.

Epidemiology

[Anterior sacral meningocele epidemiology](#)

Anterior sacral meningocele in Marfan syndrome

[Anterior sacral meningocele in Marfan syndrome](#)

Classification

[Anterior sacral meningocele classification.](#)

Etiology

[Anterior sacral meningocele etiology.](#)

Pathology

Associated malformations are found:

[spina bifida](#)

[spinal dysraphism](#)

[bicornuate uterus](#)

[imperforate anus](#) ⁶⁾.

Clinical features

[Anterior sacral meningocele clinical features.](#)

Diagnosis

[Anterior sacral meningocele diagnosis.](#)

Differential diagnosis

[Anterior sacral meningocele differential diagnosis.](#)

Complications

[Anterior sacral meningocele complications.](#)

Treatment

[Anterior Sacral Meningocele Treatment.](#)

Case reports

[Anterior sacral meningocele case reports.](#)

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³⁾

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⁴⁾

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⁵⁾

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⁶⁾

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