

Hypospadias

Hypospadias (Greek: *hypo-* = pod, *spadon* = cleft) is a common congenital defect of the male genital tract. As the name implies, this is a cleft urethra on the underside of the penis. The cause is an erroneous opening of the urethra on the surface of the body. In the treatment of hypospadias, surgical intervention is required.

Causes

The causes of hypospadias are not yet clear. Probably the genetic template and external factors that act on the fetus during pregnancy play a role.

Speeches

Hypospadias is manifested by the opening of the urethra on the underside of the penis, not at the tip of the penis. At the same time, cleft foreskin may occur due to lack of skin cover or ventral angulation of the penis.

Patients with hypospadias may also suffer from other birth defects, such as cryptorchidism. Hypospadias are often accompanied by urinary incontinence.

Diagnostics

It can be diagnosed in a boy very soon after birth, since the erroneous location of the urethra is noticeable at first glance. Therefore, a physical examination is sufficient for the assessment. In more severe cases, it is also diagnosed using some imaging examination methods (e.g. ultrasonography)

When making a diagnosis, the degree of defect is assessed.

Treatment

Surgical intervention is required for treatment. There are many surgical methods, as it also depends on the severity of hypospadias. Treatment can be carried out in childhood around one year. The success rate of hypospadias plastics is around 90%. ^[1]

Complications

The most frequent complications include, for example, urethral stricture, gland dehiscence or urethrocuteaneous fistula.

Links

- Non-cancerous diseases of the penis and scrotum
- Strictures of the urethra
- Cryptorchism

Literature

- HANUŠ, Tomáš. *Urologie*. 1. edition. Praha : Triton, 2011. 207 pp. pp. 37. ISBN 978-80-7387-387-5.
- ŠTEFÁNEK, Jiří. *Medicína, nemoci, studium na 1. LF UK* [online]. [cit. 23. 3. 2019]. <<https://www.stefajir.cz/?q=hypospadie>>.

Reference

1. HANUŠ, Tomáš. *Urologie*. 1. edition. Praha : Triton, 2011. 207 pp. pp. 37. ISBN 978-80-7387-387-5.



Hypospadias

Diagnostics	physical, imaging examination methods
Treatment	surgery
Complication	striktura uretry, dehiscence glandu, uretrokutánní píštěl
Classification and references	
MKN	Q54
MeSH ID	D007021
MedlinePlus	001286
Medscape	1015227