

Kent's cluster



Kent's cluster is an additional (accessory, pathological) bundle of cardiac muscle connecting the heart's atria and ventricles. It is present, and congenital, only in a small number of people, in whom it is often the cause of premature activation of the heart chambers - preexcitation. Physiologically, the atria and ventricles are connected only by the bundle of His.

The most common ventricular preexcitation syndrome is **Wolff-Parkinson-White syndrome - WPW**. This is a cardiac arrhythmia in which the impulse (depolarization wave) spreads from the atria to the ventricles outside the AV node. The accessory track here is precisely **Kent's cluster**.

Links

Related Articles

- Wolff-Parkinson-White syndrome
- Lowne-Ganong-Levine syndrome
- Cardiac conduction system
- Shoulder blocks

References

- TROJAN, Stanislav, et al. *Lékařská fyziologie*. 4. edition. Praha : Grada, 2004. 772 pp. ISBN 80-247-0512-5.
- VOKURKA, Martin - HUGO, Jan, et al. *Velký lékařský slovník*. 9. edition. Praha : Maxdorf, 2009. 1159 pp. ISBN 978-80-7345-202-5.