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## LONG TERM RESULTS OF THE REPRODUCTIVE SYSTEM AFTER SURGICAL CORRECTION OF UNILATERAL CRYPTORCHIDISM

Murod Matyakubovich Atakhonov\*; Odilbek Razzokberganovich Otajonov\*\*

\*Assistant, Urgench branch of the Tashkent Medical Academy, UZBEKISTAN

\*\*Doctor of Medical Science (PhD), Urgench branch of the Tashkent Medical Academy, UZBEKISTAN

## **ABSTRACT**

This article examines the long-term results of the reproductive system after surgical treatment of 86 patients with cryptorchidism. The data obtained confirm the feasibility of an earlier surgical correction of cryptorchidism in children. There are several options for the incorrect location of the testicles. The situation when the testicle did not descend on only one side occurs 5 times more often than the undescendedness of both testicles. The results obtained in the study of the long-term results of surgical treatment of cryptorchidism in children showed that the brought down testicle lags behind in development compared with the healthy one, this is especially noticeable in testicular hypoplasia.

**KEYWORDS:** Cryptorchidism, Reproductive System, Operation, Testicle, Hormonal Status, Infertility.

## **REFERENCES**

- 1. Cooper, C.S. (2020). Undescended testes (cryptorchidism) in children: Management. Up To Date. Retrieved January 20, 2021, from https://www.uptodate.com/contents/undescended-testes-cryptorchidism-in-children-management
- **2.** Cooper, C.S. (2019). Undescended testes (cryptorchidism) in children: Clinical features and evaluation. UpTo Date. Retrieved January 20, 2021, from https://www.uptodate.com/contents/undescended-testes-cryptorchidism-in-children-clinical-features-and-evaluation

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- **3.** Jacobs, Micah. (2020). Undescended Testis. AUA University: AUA Core Curriculum. https://university.auanet.org/modules/webapps/core/index.cfm#/corecontent/213
- **4.** Apolikhin O.I., Effect of erectile dysfunction therapy with long-acting PDE 5 inhibitors on the quality of life of patients Rus. Honey. Journal. 2009 № 12.
- **5.** Vasiliev V.I. "Surgical tactics for cryptorchidism. Andrology and Genital Surgery". 2001; 1: 68 71.
- **6.** V.V. Evdokimov, V.I. Erasov, S.V. Zakharikov // Andrology and genital surgery. 2009. No. 2. P. 142.
- 7. Cryptorchidism / A.P. Erokhin, S.I. Volozhin. M.: Lux-art, 1995.-344p.
- 8. Isakov Yu.F. "Pediatric Surgery". M: Medicine; 1983,530 536.
- **9.** Lopatkin N.A. "Urology". 2007; 134-135.
- 10. Pediatric uroandrology in the system of professional medical continuing education / A.B. Okulov, I. V. Kazanskaya, D.I. Tarusin // Andrology and Genital Surgery, No. 3, 2005, p. 55-58
- **11.** Retrospective assessment of the effectiveness of orchiopexy depending on the age of the child / A.Yu. Pavlov, FV Tokarev, VN Burov et al. // Andrology and genital surgery, 2009. -№2. -P. 153
- **12.** Lee P. A., Coughlin MT 2001 Fertility after bilateral cryptorchidism. Evaluation by paternity, hormone, and semen data. Horm Res 55: 28-32
- **13.** Testicular dysgenesis syndrome and the estrogen hypothesis: a quantitative meta-analysis / Martin OV, Shialis T., Lester J. N et al // Environ Health Perspect. 2008. V. 116. P.149-157.
- **14.** Germ cell apoptosis in undescended testis: the origin of its impaired spermatogenesis in the TS inbred rat / H. Tomomasa, Y. Adachi, S Oshio et al // J Urol. 2002. V. 168. P.343-347.
- **15.** Laparoscopic orchiectomy for the adult impalpable testis experiences in a rural teaching hospital / M. Rangarajan, SM Jayakar // Surg Endosc. 2007. V / 21 (l). P.66-9.
- **16.** Skakkebaek NE, Rajpert-De Meyts E & Main KM. Testicular dysgenesis syndrome: an increasingly common developmental disorder with environmental aspects. Human Reproduction 2001 16 972-978
- **17.** Skandhan K. Rajahariprasad A. The process of spermatogenesis liberates significant heat and the scrotum has a role in body thermoregulation. Med Hypotheses. 2007; 68: 303-307
- **18.** Abdominal Pain Associated with an Intra-Abdominal Gonad in an Adult / C. Twiss, M. Grasso // Rev. Urol. 2000 .-- 2 (3). P. 178-181
- **19.** Prepubertal orchiopexy for cryptorchidism may be associated with lower risk of testicular cancer / TJ Walsh, MA Dall'Era, MS Croughan et al // J Urol.-2008.-V.180 (2) .- P.783-784