

AKUT SKROTUM

Kasım ERTAŞ

Skrotum Anatomisi

Skrotum pubik kemik ve penis inferiorun yerleşimli ve dartos kası ile ikiye bölünmüş bir kesedir. Bu kompartmanlarda bulunan anatomik yapılar testis, epididim, fasyalar ve spermatik korddur. Skrotum 7 katmandan oluşmaktadır. Sırasıyla musculus dartos, colles fasyası, external spermatik fasya, musculus cramestericus, internal spermatik fasya ve tunica vajinalistir. (Şekil 1)

Karın duvarı oluşumları skrotumda farklı anatomik yapıya bürünürler. Fasya superficialis tunica dartosa, eksternal oblik kas apenevrozu fasya spermatika eksternalaya, internal oblik kas apenevrozu kramesterik kasa, fasya transversalis fasya spermatika internaya ve paryetal peritonda tunica vajinalise dönüşerek sonlanırlar. Skrotum femoral arter, internal pudental arter ve inferior epigastrik arter ile kanlanır. Skrotal venler arterleri takip eder. Lenfatikleri subinguinal lenf nodu ve superfisial inguinal lenf noduna drene olur.

KAYNAKLAR

1. Selçuk TUNALI^a, Ruhgün BAŞAR^a *Anatomi AD, Hacettepe Üniversitesi Tıp Fakültesi, Ankara* **Türkiye Klinikleri J Urology-Special Topics. 2012;5(3):1-5**
2. Heidenreich A, Olbert P, Engelmann UH. Management of chronic testalgia by microsurgical testicular denervation. *European urology.* 2002;41(4):392-7.
3. İnmemiş Testiste Embriyoloji ve Testiküler İniş Mekanizmaları *Embryology of Undescended Testis and Mechanisms of Testicular Descent* Koray Ağras Ankara Atatürk Eğitim ve Araştırma Hastanesi, Üroloji Kliniği, Ankara
4. Kılıç N, Balkan E. Çocuklarda akut skrotum patolojileri, *Güncel Pediatri* 2004;2:122-5.
5. Zhao LC, Lautz TB, Meeks JJ, Maizels M (2011) Pediatric testicular torsion epidemiology using a national database: incidence, risk of orchiectomy and possible measures toward improving the quality of care. *J Urol* 186(5):2009–2013
6. Huang WY, Chen YF, Chang HC, Yang TK, Hisieh JT, Huang KH. The incidence rate and characteristics in patients with testicular torsion: a nationwide, population-based study: *apa*, 2013,102:8, 363-7.
7. Akut Skrotum; Çocuk Ürolojisinin Önemli Bir Acil Durumu ZKTB Şefik Çaman, İnanç Cici, Ahmet Koray Pelin, Ayşenur Cerrah Celayir Zeynep Kamil Kadın ve Çocuk Hastalıkları Eğitim ve Araştırma Hastanesi, Çocuk Cerrahisi Kliniği, İstanbul
8. Pol J *Radiol.* 2016 Oct 1;81:469-472. eCollection 2016. Ultrasonography of Extravaginal Testicular Torsion in Neonates. Bombiński P¹, Warchoń S², Brzewski M¹, Majkowska Z¹, Dudek-Warchoń T², Żerańska M², Panek M², Drop M¹
9. Epididymitis and Orchitis: An Overview **THOMAS H. TROJIAN, MD; TIMOTHY S. LISHNAK, MD; and DIANA HEIMAN, MD, University of Connecticut School of Medicine, Farmington, Connecticut** *Am Fam Physician.* 2009 Apr 1;79(7):583-587.
10. National Center for Health Statistics. National Ambulatory Medical Care Survey, 2002. <http://www.cdc.gov/nchs/about/major/ahcd/ahcd1.htm>. Accessed January 23, 2009
11. Luzzi GA, O'Brien TS. Acute epididymitis. *BJU Int.* 2001;87(8):747-755.
12. Berger RE, Alexander ER, Harnisch JP, et al. Etiology, manifestations and therapy of acute epididymitis: prospective study of 50 cases. *J Urol.* 1979;121(6):750-754
13. Manavi K, Turner K, Scott GR, Stewart LH. Audit on the management of epididymo-orchitis by the Department of Urology in Edinburgh. *Int J STD AIDS.* 2005;16(5):386-387.
14. Redfern TR, English PJ, Baumber CD, McGhie D. The aetiology and management of acute epididymitis. *Br J Surg.* 1984;71(9):703-705.
15. Somekh E, Gorenstein A, Serour F. Acute epididymitis in boys: evidence of a post-infectious etiology. *J Urol.* 2004;171(1):391-394
16. Kaver I, Matzkin H, Braf ZF. Epididymo-orchitis: a retrospective study of 121 patients. *J Fam Pract.* 1990;30(5):548-552.
17. Kadish HA, Bolte RG. A retrospective review of pediatric patients with epididymitis, testicular torsion, and torsion of testicular appendages. *Pediatrics.* 1998;102(1 pt 1):73-76.
18. Mittemeyer BT, Lennox KW, Borski AA. Epididymitis: a review of 610 cases. *J Urol.* 1966;95(3):390-392
19. Masarani M, Wazait H, Dinneen M. Mumps orchitis. *J R Soc Med.* 2006;99(11):573-575.

20. Ringdahl E, Teague L. Testicular torsion. Am Fam Physician. 2006;74(10):1739-1743.
21. Nöske HD, Kraus SW, Altinkilic BM, Weidner W. Historical milestones regarding torsion of the scrotal organs. J Urol. 1998;159(1):13-16.
22. Ludwig M. Diagnosis and therapy of acute prostatitis, epididymitis and orchitis. Andrologia. 2008;40(2):76-80
23. Al-Taheini KM, Pike J, Leonard M. Acute epididymitis in children: the role of radiologic studies. Urology. 2008;71(5):826-829.
24. Lynch TH . Eau guidelines on urological trauma. Eur Urol 2005; 47(1):1-15
25. Pavlica P, Barozzi L. imaging of the acute scrotum. Eur Radiol 2001; 11(2):221-228
26. Şahin H, Akay AF, Yılmaz G, Taçyıldız IH, Bircan MK. Retrospective analysis of 135 renal trauma cases. Int J Urol 2004; 11:332-336.

Referans kitaplar:

- 1)EAU Guidelines
- 2) Temel Üroloji 4. Baskı
- 3) Smith Urology 17. Baskı
- 4) Campbell-Walsh Urology 9. Baskı
- 5)Güncel Üroloji 2.baskı