

''  
/ /  
/ /

\*

---

%

:

:

/

:

:

:

---

%

.( )

.( )

%

.( )

( )

( )

---

( / ) % .

/ ± / / ± /

/ ± / / ± /

Supine

EUB-525

/

(.)

SPSS-13

P-Value < /

pH

( )

Hadzisalimovic

/ ± /

( )

(% / )

Tarhan

( )

Ross JA

Turner ( )

( )

( ) Biagiotti

## **REFERENCES**

---

---

1. Meachman RB, Townsend RR, Randemacher D, Drose JA. The incidence of varicoceles in the general population when evaluated by physical examination, gray scale sonography and color doppler sonography. J Urol 1994; 151:1535-8.
2. Tefekli A, Cayan S, Vluocak N, Poyanli A, Alp T, Kadioglu A. et al. Is selective internal spermatic venogaphy necessary in detecting recurrent varicocele after surgical repair. Eur Urol 2001; 40(4): 404-8.
3. Tasci AL, Resims S, Caskurlu T, Dincel C, Bayraktar Z, Gurbuz G. Color doppler ultrasonography and spectral analysis of venous flow in diagnosis of varicocele. Eur Urol 2001; 39: 316-21.
4. Santoro G, Romeo C, Impellizzeri P, Arco A, Rizzo G, Gentile C. A morphometric and ultrastructural study of the changes in the lamina propria in and adolescents with varicocele. BJU Int 1999; 83: 828-32.
5. Romeo C, Santoro G, Impellizzeri P, Turiaco N, Rizzo G, Puzzolo D, et al. Myofibrilblasts in adolescent varicocele, An ultrastructural and immunohistochemical study. Urol Res 2000; 28:24-8.

- 
6. Takibara H, Sakatoku J, Cockett ATK. The Pathophysiology of varicocele in male infertility. *Fertil Steril* 1991; 55: 861-8.
  7. Liguori G, Trombetta C, Garaffa G, Bucci S, Gattuccio I, Salamè L, et al. Color Doppler ultrasound investigation of varicocele. *World J Urol* 2004; 22 (5): 378-81.
  8. Demas BE, Hricak H, McClure RD. Varicocele radiologic diagnosis and treatment. *Radiol Clin North Am* 1991; 29(3): 619-27.
  9. Hadziselimovic F, Leibundgut B, Da Rugna D, Buser MW. The value of testicular biopsy in patients with varicocele. *J Urol* 1986; 135: 707-11.
  10. Ross JA, Watson NE Jr, Jarow JP. The effect of varicoceles on testicular blood flow in men. *Urology* 1994; 44(4): 535-9.
  11. Turner TT. The study of varicocele through the use of animal models. *Hum Reprod Update* 2001;7:78-84.
  12. Biagiotti G, Cavallini G, Modenini F, Vitali G, Gianaroli L. Spermatogenesis and spectral echo-colour Doppler traces from the main testicular artery. *BJU Int* 2002; 90 (9): 903-8.
  13. Tarhan S, Gümüs B, Gündüz I, Ayyildiz V, Göktaş C. Effect of varicocele on testicular artery flow in men-color Doppler investigation. *Scand J Urol Nephrol* 2003; 37 (1): 38-42.