

## Case Report

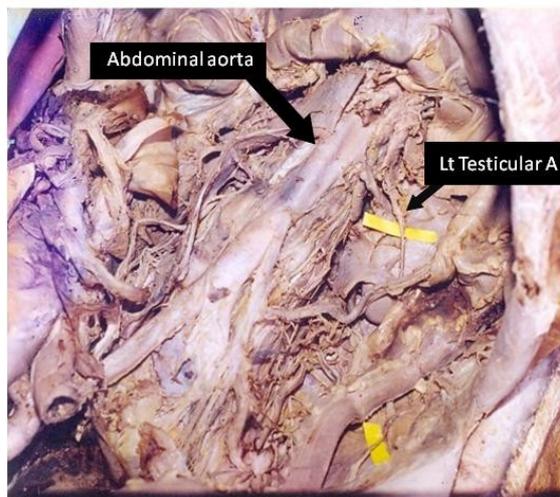
**Anomalous Origin of Testicular Artery-A Case Report**

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**Case Report:** In one male cadaver while doing the routine dissection the following anomalies were found. On the left side the testicular artery (Fig.1) was arising from the abdominal aorta above the left renal artery and was crossing obliquely in front of the left kidney. When traced further it was running behind left colic artery, descending colon and then continued its course downwards retroperitoneally and then along the inner surface of the anterior abdominal wall to enter the inguinal canal through the contents of spermatic cord. The left testicular vein drained into the left renal vein.

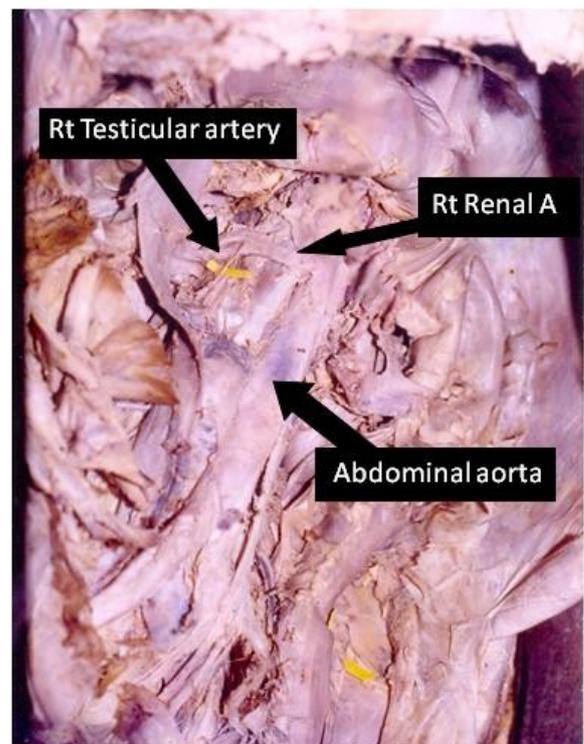
Fig. 1 Origin of left testicular artery from abdominal aorta.



On the right side the testicular artery (Fig.2) was arising from the right renal

artery and was having the usual course and the right testicular vein drained into inferior vena cava. According to Shinohara *et al.*, (1990) the left testicular artery originated from the aorta 1cm above the origin of the left inferior phrenic artery. Lechter *et al.*, (1999) dissected 100 cadavers (88 male, 12 female). They produced a beautiful and complete report on the anatomy of the gonadal veins for both series, finding a 20% rate of variance from the typical pattern

Fig. 2 Origin of right testicular artery from right renal artery



Knowledge about this abnormal course of the testicular arteries will be of use to surgeon to avoid injury during renal surgeries and while attending to any of the

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emergency operations like torsion of testicular artery

### References

- Lechter A, Lopez G, Martinez C, Camacho J (1991) Anatomy of gonadal veins: A reappraisal. *Surgery*, 109: 735.
- Shinohara H, Nakatani T, Fukuo Y, Morisawa S, Matsuda T (1990) Case with a high positioned origin of the testicular artery. *Anat Rec*, 226: 264-266.