



Figure 3: AA: abdominal aorta, RA: renal artery. LK: left kidney, ARA: accessory renal artery.

There is one testicular artery and two veins accompanying the artery on the left side of the cadaver

Table.1: shows number of cases with anomalous testicular arteries in 40 testicular arteries examined.

No. of cases examined	Origin from aorta	Origin from main artery	Origin from accessory renal artery	Others
20 cases (40 testicular arteries)	37	1 (right testicular artery)	2 (left testicular artery)	

Discussion

Careful knowledge of the embryological basis of the renal and testicular vasculatures and structural development of kidney and testicles is essential to understand the multitude of anomalies that may occur. variations in the origin, course and branches of the testicular arteries are attributed to the embryological development. during fetus development, the lateral splanchnic arteries on each side supply the mesonephros, metanephros, the testis or ovary and suprarenal glands, all these structures develop, either totally or in part from the intermediate

mesenchyme of the mesonephric ridge. one testicular or ovarian artery and three suprarenal arteries persist on each side (خطأ! الإشارة المرجعية غير معروفة. 12).

Four main varieties of testicular arteries are identified according to the site of origin from aorta or renal vessels.

1. a single testicular artery arising from aorta (type A)
2. a single testicular artery arising from renal artery (type B)
3. two testicular arteries arising from aorta (type C)