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Case of renal oncocytoma in a 14 year old young lady

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Renal oncocytoma was first described by Zippelin (1942) as a malignant entity; however, Klein and Valensi were able to demonstrate its benign characters in the year 1976. Currently, the World Health Organization has classified renal oncocytomas as benign renal neoplasms in 2004. Renal oncocytoma is the second most common benign renal neoplasm after angiomyolipoma, comprising 3-7% of all renal tumors, usually occurs during the seventh decade of life varying from 20 to 86 years of age with male predominance. Zhou defined renal oncocytoma as a benign epithelial neoplasm composed of round-to polygonal-cells with abundant mitochondria rich eosinophilic cytoplasm, thought to arise from the intercalated cells in the kidney. The size of the tumors varies from 0.6 to 14 cm (7). Unfortunately, most oncocytomas are very difficult to be differentiated from renal cell carcinoma both clinically and radio graphically. Development of renal oncocytoma in pediatric age group is very uncommon with no cases found within our review of the world literature. We report herein the first case of renal oncocytoma in a 14 year old young lady.

Biography

Meral Abualjadayel has completed her Medical education from King Abdulaziz University, KSA. She is currently Pediatric Students Club Co-founder, Academic Education Unit President at King Abdulaziz University-Faculty of Medicine. She also volunteers in the Clinical Skills Mentoring Program. She is the Organizer of "World Kidney Day" event held in King Abdulaziz University Hospital.

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