

Unfused renal ectopia: a rare form of congenital renal anomaly

Gül Nihal NURSAL and Gülgün BÜYÜKDERELİ

Department of Nuclear Medicine, Çukurova University Faculty of Medicine, Adana, Turkey

Unfused crossed renal ectopia observed 1 in 75,000 autopsies is a rare congenital anomaly. Typically one kidney is located in the proximity of the other kidney, and the ureter of the anatomically anomalous kidney crosses the midline to insert to the bladder in its normal anatomic position. Although renal function is usually not affected, the condition is generally accompanied by other congenital anomalies. In this case report, static and dynamic scintigraphic images of two patients with unfused crossed renal ectopia are presented. Besides properties of imaging modalities, clinical features are discussed in light of the available literature.

Key words: unfused crossed renal ectopia, renal scintigraphy, congenital anomaly