

## Fused pelvic kidneys: “hourglass sign” on Tc-99m DTPA diuresis renography

Ozgur KARACALIOGLU, Seyfettin ILGAN, Nuri ARSLAN, Ozdes EMER and Mehmet OZGUVEN

*Department of Nuclear Medicine, Gulhane Military Medical Academy and School of Medicine, Ankara, Turkey*

A 13-year-old girl with fused pelvic kidneys detected on ultrasonographic examination was referred to our department for a diuresis renography to assess urine drainage dynamics and exclude the possibility of urinary tract obstruction. Renal scan demonstrated fused pelvic kidneys functioning normally without obstruction. The authors present this case to demonstrate the diuresis renography findings of the combined position, fusion and rotation anomalies of the kidneys that is a rare congenital anomaly of the urinary tract.

**Key words:** pelvic kidney, renal scintigraphy, Tc-99m DTPA