Visualization of bladder diverticulum during Tc-99m DTPA renal scintigraphy

Mehmet ÖZGÜVEN, Bengül GÜNALP, Emel ÖZTÜRK and Hikmet BAYHAN

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

An eight-year-old boy with recurrent urinary infection underwent Tc-99m DTPA renal scintigraphy for the evaluation of renal function. Stasis of the tracer was observed in the pelvocalyceal systems of both kidneys. Intravenous diuretic was administered to evaluate a possible mechanical obstruction.

During the course of the study, a well-defined, round area of activity extended from the bladder which was subsequently confirmed to be a diverticulum on voiding cystourethrogram and at surgery.

**Key words:** bladder, diverticulum, Tc-99m DTPA renal scintigraphy