

Superiority of Tc-99m MAG3 to Tc-99m DTPA in treating a patient with mild renal artery stenosis

Pınar Özgen KIRATLI,* Biray CANER, Bülent ALTUN[†] and Saruhan ÇEKİRGE**

*Departments of *Nuclear Medicine, **Radiology and [†]Nephrology,
Hacettepe University Medical Centre, Ankara, Turkey*

A 22-year-old female patient with severe hypertension underwent both Technetium-99m diethylenetriaminepentaacetate and Technetium-99m mercaptoacetyltriglycine basal and captopril renal scintigraphy. While no significant change was seen with Tc-99m DTPA, there was left sided parenchymal retention of captopril Tc-99m MAG3 suggesting renal artery stenosis which was confirmed by angiography.

Key words: renal artery stenosis, Tc-99m MAG3, Tc-99m DTPA