

Visualization of uveal amelanotic melanoma with technetium-99m(V) dimercaptosuccinic acid

Pınar Özgen KIRATLI,* Hayyam KIRATLI,** Meral T. ERCAN* and Lale KOSTAKOĞLU*

*Departments of *Nuclear Medicine and **Ophthalmology, Ocular Oncology Unit,
Hacettepe University Faculty of Medicine, Ankara, Turkey*

The possibility of using technetium-99m(V) dimercaptosuccinic acid, Tc-99m DMSA, in the evaluation of uveal amelanotic melanoma was assessed in this study. Both planar and SPECT images clearly demonstrated the tumor. Following confirmation of our results by contemporaneous ultrasonography and MRI the patient was treated with Iodine-125 brachytherapy. In combination with other diagnostic tests, Tc-99m(V) DMSA scintigraphy may play a role in the detection of uveal melanoma and its possible systemic metastases.

Key words: uveal amelanotic melanoma, Tc-99m(V) DMSA, MRI