Evaluation of gastrointestinal involvement of Behçet's disease by nuclear medical techniques

Özlem Kuçuk,*¹ Gülseren Aras,*¹ Ayfer Soylu,*¹ Aysel Gurler,*² Özden Tulunay,*³ Necati Örmeci,*⁴ Nurşen Duzgun,*⁵ Nejat Bengi,*⁶ Erkan İbiş*¹ and Asım Akin*¹

Departments of *1Nuclear Medicine, *2Dermatology, *3Pathology, *4Gastroenterology, *5Immunology and *6Radiology, Ankara University Medical School, Ankara, Turkey

To evaluate the value of nuclear medicine procedures in the diagnosis of gastrointestinal involvement of Behçet's disease in asymptomatic patients, Tc-99m human immunoglobulin (HIG) and Tc-99m leucocyte (LC) whole body scintigraphies were performed on 30 patients with major symptoms of the disease. Comparison of the results with other diagnostic techniques showed that Tc-99m HIG whole body scanning can be a useful diagnostic aid before the disease becomes clinically active in the gastrointestinal system.

Key words: Behçet's disease, Tc-99m human immunoglobulin, Tc-99m leukocytes