

A case of oophoritis detected by gallium-67-citrate scintigraphy

Susumu SHIOMI,* Tetsuo KUROKI,* Joji KAWABE,** Hironobu OCHI,**
Kiyohiro AZUMA*** and Hironobu IMURA***

**Third Department of Internal Medicine, and **Division of Nuclear Medicine,
Osaka City University Medical School
***Nuclear Medicine, Ashihara Hospital*

A 39-year-old woman with fever of unknown origin was admitted to our hospital. Whole body scintigrams with ⁶⁷Ga-citrate showed an abnormal accumulation of radioactivity in the pelvic cavity. Cystadenocarcinoma of the ovary was suspected on the basis of findings obtained by abdominal computed tomography and magnetic resonance imaging. Left oophorectomy was performed, and oophoritis was diagnosed. We would like to propose that ⁶⁷Ga-citrate scintigraphy may be useful for the diagnosis of oophoritis as well as gynecologic malignant tumors.

Key words: oophoritis, gynecologic tumor, fever of unknown origin, Ga-67-citrate scintigraphy