Using Ga-67 scintigraphy in prostatic abscess

Timothy Suminori Higashi,* Tetsuro Hamana,* Kenji Takezawa,* Shin Hasebe, Yasuo Nio,* Yoshio Kuniyasu,* Takao Ikeuchi** and Yoshio Kai**

*Department of Radiology, **Department of Urology, Fujigaoka Hospital of Showa University

The use of Ga-67 scintigraphy (Ga) in prostate inflammatory diseases may be restricted by the difficulty in distinguishing between the accumulation of Ga-67-citrate (Ga-citrate) in the lesion and feces. The diagnosis of prostatic abscess has been mainly made by other radiologic methods without scintigraphic studies and no finding of Ga has been reported. This patient demonstrated that coordinating the findings of Ga-citrate accumulation can be helpful in making a prompt diagnosis of a possibly fatal prostatic abscess, especially in those patients with poorly defined clinical symptoms and high risk factors.

Key words: prostate, abscess, Ga-67 scintigraphy, CT, sonography