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Inguinoscrotal lymphatic reflux detected by lymphoscintigraphy

Seigo Kınuya, Junichi Такı, Kenichi Nакалма, Keiko Kınuya, Kazuhito Нал, Такаtoshi Міснідізні and Norihisa Толамі

Department of Nuclear Medicine, Kanazawa University School of Medicine

We performed lymphoscintigraphy with ^{99m}Tc-human serum albumin in a case of suspected lymphedema of the right leg after inguinal lymph node dissection. Dermal backflow of the leg and lymphocele at the inguinal chain were observed, and lymphatic reflux into the scrotum was also delineated. The scintigraphy could demonstrate a persistent lymphatic problem under conservative treatment, and could lead the physician to conduct surgical treatment. Scintigraphic demonstration of the inguinoscrotal lymphatic reflux has not been previously reported.

Key words: 99mTc-HSA, lymphoscintigraphy, inguinoscrotal reflux