

Detection and of evaluation of Lung cancer by 18-FDG-PET using Shimadzu Headtome IV.

T. Mouri, K. Sekimura, N. Sasaki, A. Sato, H. Nitani, K. Yamauchi, H. Inoue.

Third Department of Internal Medicine, School of Medicine, Iwate medical University,
19-1 Uchimaru, Morioka, Iwate, 020-8505, Japan

Abstract

We analyzed 7cases of primary lung cancer with 18-FDG-PET using Shimadzu Headtome IV. Two cases those were difficult to hit a forceps to the tumor, because of the location, 18-FDG-PET were very useful to make a decision. In 4 cases of lobectomy, clinical staging using 18-FDG-PET agreed with post operation staging. However 1 case of occult lung cancer and 1case with a tumor less than 1 centimeter were not detected. 18-FDG-PET, using Shimadzu Headtome IV was regarded as a useful tool to detect and evaluate lung cancer.