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Retrospective Study

Tumor characteristics of ductal carcinoma *in situ* of breast visualized on [F-18] fluorodeoxyglucose-positron emission tomography/computed tomography.

Results from a retrospective study

Tomoyuki Fujioka, Kazunori Kubota, Akira Toriihara, Youichi Machida, Kaori Okazawa, Tsuyoshi Nakagawa, Yukihiisa Saida, Ukihide Tateishi

Abstract

AIM: To clarify clinicopathological features of DCIS visualized on [F-18] FDG-PET/CT.

METHODS: This study retrospectively reviewed 52 consecutive tumors in 50 patients with pathologically proven pure DCIS who underwent [F-18] FDG-PET/CT before surgery. [F-18] FDG-PET/CT was performed after biopsy in all patients. The mean interval from biopsy to [F-18] FDG-PET/CT was 29.2 days. [F-18] FDG uptake by visual analysis and maximum standardized uptake value (SUVmax) was compared with clinicopathological characteristics.

RESULTS: [F-18] FDG uptake was visualized in 28 lesions (53.8%) and the mean and standard deviation (SD) of SUVmax was 1.63 and 0.90. On univariate analysis,

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Invasive ductal carcinoma was the most common histological type (n = 47; 79.7%). ...

For breast cancer patients, ¹⁸F-FDG PET/CT plays a proven role in the ... carcinoma in situ (DCIS) or in slow-growth tumors such as tubular carcinoma. Histological and immunohistochemical characteristics of breast carcinomas (n = 59).

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作者: D Groheux - 2013 - 被引用次数: 79 - 相关文章

Its role in the management of breast cancer patients is evolving. ... It is now widely accepted that the performance of FDG PET/CT is better than the performance of FDG PET alone in oncology, although the added ... ¹⁸F is a positron-emitting (β+) radionuclide. PET ... The uptake in ductal carcinoma in situ is usually weak (8).

Accuracy of 18F-FDG PET/CT for primary tumor visualization ...

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作者: BB Koolen - 2014 - 被引用次数: 16 - 相关文章

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hundred forty-six women were **retrospectively studied**, with 167 [88] compared **¹⁸F-**
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Detection of **ductal carcinoma in situ** with mammography, **breast** ...

Follow-up of patients with early breast cancer: Is it time to rewrite the ...

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作者：F Puglisi - 2014 - 被引用次数：12 - 相关文章

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