

عنوان مقاله:

18 F-FDG PET/CT imaging of IgG κ -producing MALT lymphoma with multiple site involvement

محل انتشار:

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نویسندگان:

Kodai Kawaji - *Department of Radiology, Kagoshima University, Graduate School of Medical and Dental Sciences, Sakuragaoka, Kagoshima, Japan*

Seiji Kurata - *Department of Radiology, Kurume University School of Medicine, Kurume, Japan*

Katsuhisa Matsuo - *Department of Pathology, Kurume University School of Medicine, Kurume, Japan*

Hiroaki Miyoshi - *Department of Pathology, Kurume University School of Medicine, Kurume, Japan*

Jun Akiba - *Department of Diagnostic Pathology, Kurume University Hospital, Kurume, Japan*

Fumihiko Mouri - *Division of Hematology and Oncology, Department of Medicine, Kurume University School of Medicine, Japan*

Akiko Sumi - *Department of Radiology, Kurume University School of Medicine, Kurume, Japan*

Kiminori Fujimoto - *Department of Radiology, Kurume University School of Medicine, Kurume, Japan*

Toshi Abe - *Department of Radiology, Kurume University School of Medicine, Kurume, Japan*

خلاصه مقاله:

18 F-FDG PET/CT is regarded as a modality utilized for the purpose of lesion localization, staging and assessment of treatment response in patients with lymphoma. However, it is difficult that we diagnose among multifocal lymphoma, IgG κ -related disease (IgG κ -RD), or a combination of both conditions when confronted with multiple sites of 18 F-FDG uptake with heightened serum IgG κ levels. We present a case of a 72-year-old male who was suspected of Sjögren's syndrome based on symptoms of xerostomia accompanied by swelling of the bilateral upper eyelid and salivary glands. Following a diagnostic biopsy that revealed mucosa-associated lymphoid tissue (MALT) lymphoma as a possible finding, 18 F-FDG PET/CT was conducted, which demonstrated multiple sites of 18 F-FDG accumulation. While multifocal MALT lymphoma was initially suspected, the coexistence of IgG κ -RD could not be definitively ruled out due to the elevated serum IgG κ levels. Subsequent histopathological and immunohistochemical examinations confirmed the diagnosis of IgG κ -producing MALT lymphoma. After receiving systemic therapy with rituximab, the swelling of the bilateral upper eyelid and parotid glands resolved upon visual examination, and the serum IgG κ levels returned to within the normal range in a few months. No new lesions were detected during the subsequent follow-up examinations conducted over a period of 3 years.

کلمات کلیدی:

IgG κ -producing MALT lymphoma, IgG κ -related disease, 18 F-FDG PET/CT, multiple 18 F-FDG uptake, Plasmacytic differentiation

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