

Documents

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Unusual gluteal localization of unicentric Castleman's disease: A case report and review of the literature
[Localisation intramusculaire d'une maladie de Castleman unicentrique: cas clinique et revue de la littérature]
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Abstract

Background: Castleman's disease is a rare and benign lymphoproliferative disorder which can be unicentric (UCD) or multicentric (MCD). UCD usually involves a single lymph node or less frequently a group of lymph nodes. The most common sites of nodal UCD presentation are the mediastinum, neck, abdomen and retroperitoneum. Rarely extranodal involvement has been reported. The intramuscular location is very unusual with only about 10 cases described in medical literature so far. Case report: We present a case of atypical localization of Castleman's disease occurring in the right gluteal area in a 40-years-old female patient. The patient was asymptomatic and clinical examination was unremarkable except for a right gluteal palpable mass. The CT scanner-guided needle core biopsy was inconclusive. A surgical excision was then performed that revealed a hyaline-vascular type of Castleman's disease. The patient has an uneventful post-operative course. Conclusion: The present case is instructive in the work-up of primary soft tissue tumors, for which Castleman's disease is extremely rare and not considered in the differential diagnosis of clinicians. Pathologists must be aware of its existence so that it can be evoked in the presence of a lymphoid population on histological examination. © 2023 Elsevier Masson SAS

Author Keywords

Castleman's disease; Lymphoproliferation; Soft tissue tumor; Unicentric

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