



## Radiation-Induced Myositis in a Patient Recently Treated with Gemcitabine

Leonardo Gomes da Fonseca\*

Cancer Institute of Sao Paulo State, University of Sao Paulo, Av. Dr. Arnaldo 251, São Paulo, São Paulo, Brazil

### Clinical Image

A 20-year-old-man with metastatic fibrolamellar hepatocellular carcinoma developed a painful metastatic lesion in the proximal third of the left femur. A course of palliative radiotherapy directed to this lesion was performed. Immediately after the treatment, the bone pain disappeared. However, 4 weeks after the radiotherapy the patient developed pain and swelling in the left hip, which caused severe functional limitation. At the physical examination, the skin and muscles were markedly indurated. A MRI was performed and revealed findings of acute myositis. The patient was started on oral dexamethasone with progressive improvement, but the symptoms returned when dexamethasone was weaned. A maintenance dose was required for 3 months until complete recover. One month before the radiotherapy, the patient had received gemcitabine as systemic treatment. According to the definition, it is not possible to define this event as a radiation recall, but the intensity of the inflammation observed may suggest an unusual radiosensitizing effect of gencitabine.

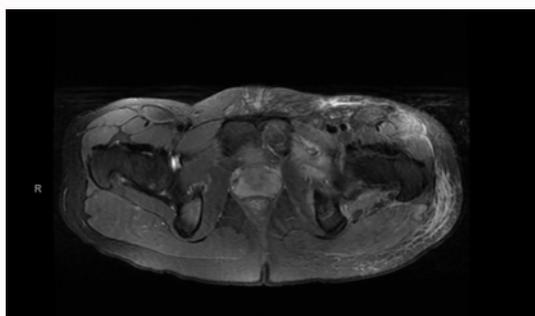


Figure 1:

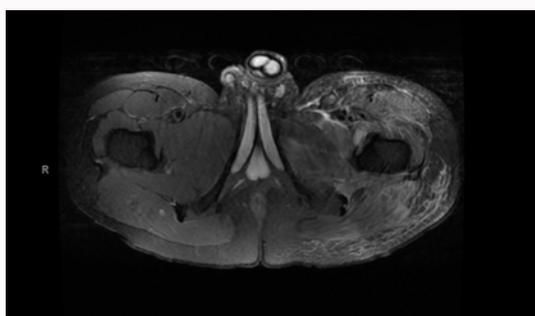


Figure 2:

### OPEN ACCESS

#### \*Correspondence:

Leonardo Gomes da Fonseca, Cancer Institute of Sao Paulo State, University of Sao Paulo, Brazil,  
E-mail: leogfonseca@hotmail.com

Received Date: 02 Nov 2017

Accepted Date: 28 Dec 2017

Published Date: 06 Jan 2018

#### Citation:

da Fonseca LG. Radiation-Induced Myositis in a Patient Recently Treated with Gemcitabine. *Clin Oncol.* 2018; 3: 1405.

**Copyright** © 2018 Leonardo Gomes da Fonseca. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.