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Manuscript NO: 63657

Manuscript Type: CASE REPORT

Myeloid sarcomas of colon as initial presentation ⁵ in acute promyelocytic leukemia: A case report and review of literatures

Wang L *et al.* APL in disguise of colon disease

Lei Wang, Da-Li Cai, Na Lin

Abstract

BACKGROUND

Myeloid sarcoma (MS) rarely occurs in acute promyelocytic leukemia (APL) when onset, but it can develop at relapse cases, especially after APL treated with all-trans retinoic acid (ATRA). Therefore ¹ little is known about the clinical features and suitable treatment for APL related MS due to the rarity of the disease. this may be different from

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The de novo myeloid sarcoma (MS) type of acute promyelocytic leukemia (APL) is rare, and clinical features may differ from extramedullary diseases in advanced APL. Many cases occur as a spinal tum...

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What kind of tumor is an immature myeloid cell? ▾

Are there any extramedullary manifestations of acute leukemia? ▾

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The de novo **myeloid sarcoma** (MS) type of **acute promyelocytic leukemia** (APL) is rare, and clinical features may differ from extramedullary diseases in advanced APL. Many cases occur as a spinal tumor, and some occur in the absence of bone-marrow diseases or coagulation abnormalities.

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Granulocytic Sarcoma of Colon in a Patient with Acute ...

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Granulocytic **sarcoma** in a patient with **acute promyelocytic leukemia** (APML) has been described often in the relapse setting, however primary **presentation** of APML as granulocytic **sarcoma** is rare.

PEOPLE ALSO ASK

- Are there any non specific symptoms of acute myeloid leukemia? ▾
- What are the symptoms of high leukemic cell burden? ▾
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A Rare Case of Myeloid Sarcoma Presenting as an Anorectal ...

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May 17, 2012 · **Myeloid sarcoma** may involve the gastrointestinal tract very rarely either solitarily, or occurring simultaneously with **acute myeloid leukemia**. Its diagnosis is challenging and needs biopsy and immunohistochemical staining. We are describing a **case of myeloid sarcoma** which **presented** as a painful anal ulcer mimicking an atypical fissure.

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Jun 21, 2006 · The present **case** also presented with abdominal pain and jaundice. Likewise to the **case** reported by Matsueda et al. (), the patient had no preceding **leukemia**. Neiman et al. reported that among 15 patients of granulocytic **sarcoma** without **leukemia**, 13 patients developed **AML** between 1 and 49 months (mean: 10.5 months) after diagnosis. Most nonleukemic granulocytic **sarcomas** left untreated ...

Cited by: 8 **Author:** Chang Ohk Sung, Young Hyeh Ko, Cheol Ke...
Publish Year: 2006

Signs and Symptoms of Acute Myeloid Leukemia (AML)

<https://www.cancer.org/cancer/acute-myeloid...>

Colon and Rectal Cancer Lung Cancer Prostate Cancer Skin Cancer All Cancer Types ... Patients with a certain type of **AML** called **acute promyelocytic leukemia** (APL) might have problems with bleeding and blood clotting. ... granulocytic **sarcoma**, or **myeloid sarcoma**. Rarely, **AML** will first appear as a chloroma, with no **leukemia** cells in the bone ...

Problems Caused by Low Numbers of Blood Cells

Many signs and symptoms of AML result from a shortage of normal blood cells, which happens when the leukemia cells crowd out the normal blood-making...

Symptoms Caused by High Numbers of Leukemia Cells

The cancer cells in AML (called blasts) are bigger than normal white blood cells and have more trouble going through tiny blood vessels. If the bla...

Bleeding and Clotting Problems

Patients with a certain type of AML called acute promyelocytic leukemia (APL) might go to the doctor with problems with bleeding and clotting. They...

Intracerebellar granulocytic sarcoma complicating acute ...

<https://www.researchgate.net/publication/8200372...>

Myeloid sarcoma (MS) is a localized extra-medullary tumor mass of immature **myeloid** cells, arising de novo or related to **acute myeloid leukemia**, of which it can be a forerunner, a coinciding or ...

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Differential Diagnosis of Isolated Myeloid Sarcoma: A Case ...

<https://www.researchgate.net/publication/281469700...>

Myeloid sarcoma (MS) is a rare disease entity that can present as an isolated extramedullary tumor (EM) of immature granulocytic cells. It was first described in 1812 and later named chloroma by ...



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Author: Tomoko Yamashita, Akihiko Nishijima, Yu...

Publish Year: 2019

[PDF] Myeloid Sarcoma: An Unusual Presentation of Acute ...

<https://www.semanticscholar.org/paper/Myeloid...>

Acute promyelocytic leukemia with concurrent **myeloid sarcoma** is a rare clinical event. Herein we describe a patient that presented with back pain and bilateral leg weakness caused by spinal cord...

Bilateral orbital myeloid sarcoma preceding acute myeloid ...

<https://www.ncbi.nlm.nih.gov/pubmed/26846095>

Feb 04, 2016 · **Myeloid sarcoma** is a rare **initial presentation** of **acute myeloid leukemia**. Previously it has only been documented in children and younger patients. **CASE PRESENTATION:** We present an unusual...

Cited by: 4

Author: Jesus Vera-Aguilera, Osama Mukarram, Pr...

Publish Year: 2016

Unusual Presentation of Bladder Myeloid Sarcoma Causing ...

<https://www.hematologyandoncology.net/archives/...>

Myeloid sarcoma is considered rare, and is reported in 2–9% of the cases of **myeloid** neoplasms. 7,8 It occurs most frequently in **acute myeloid leukemia (AML)** but may also occur in chronic **myeloid**...

Isolated Biliary Granulocytic Sarcoma Followed by Acute ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2729966>

Jun 21, 2006 · The present **case** also presented with abdominal pain and jaundice. Likewise to the **case** reported by Matsueda et al. (), the patient had no preceding **leukemia**. Neiman et al. reported that among...

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Publish Year: 2006

(PDF) Hip pain as the first symptom of acute promyelocytic ...

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