

3 Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 55279

Manuscript Type: CASE REPORT

Macrophage activation syndrome as a complication of dermatomyositis: A case report

Zhu DX *et al.* MAS as a complication of dermatomyositis

Ding-Xian Zhu, Jian-Jun Qiao, Hong Fang

Abstract

BACKGROUND

Macrophage activation syndrome (MAS) can be a fatal complication of rheumatic disorders, which occur most commonly in patients with systemic juvenile idiopathic arthritis or systemic lupus erythematosus; it has rarely been reported in patients with dermatomyositis. Here, we describe a fatal case of MAS that developed in an adult patient with dermatomyositis.

CASE SUMMARY

Match Overview

1	Crossref 54 words Bazan-Socha, Stanislaw, Marek Zolcinski, Marta Szostek, Artur Jurczyszyn, Malgorzata Rucinska, Sergiusz Demcz	3%
2	Crossref 43 words Dimitri Poddighe, Lorenzo Cavagna, Valeria Brazzelli, Paola Bruni, Gian Luigi Marseglia. "A hyper-ferritinemia syndro	2%
3	Internet 25 words crawled on 15-Feb-2020 f6publishing.blob.core.windows.net	1%
4	Crossref 17 words Minoia, Francesca, Sergio Davì, AnnaCarin Horne, Erkan Demirkaya, Francesca Bovis, Caifeng Li, Kai Lehmborg, S	1%
5	Crossref 17 words Jennifer J.Y. Lee, Rayfel Schneider. "Systemic Juvenile Idiopathic Arthritis", <i>Pediatric Clinics of North America</i> , 2018	1%
6	Internet 16 words crawled on 12-Apr-2016 www.ncbi.nlm.nih.gov	1%
7	Crossref 16 words Athimalaipet V Ramanan. "A case of macrophage activation syndrome successfully treated with anakinra", <i>Nature Clin</i>	1%
8	Crossref 15 words Schulert, Grant S., and Alexei A. Grom. "Pathogenesis of Macrophage Activation Syndrome and Potential for Cyto	1%
9	Crossref 14 words "Abstracts from the 36th Annual Meeting of the Society of General Internal Medicine", <i>Journal of General Internal Me</i>	1%
10	Crossref 13 words Shinobu Takayasu, Koshi Makita, Kazunori Kageyama, Yuta Okawa et al. "Presence of aberrant adrenocorticotropi	1%



国内版

国际版



Chat with Bing



Macrophage activation syndrome as a complication of d



Sign in



Add Bing Firefox extension >

45,300 Results

Any time ▾

Macrophage activation syndrome, a rare complication of ...

<https://jmedicalcasereports.biomedcentral.com/articles/10.1186/s13256-019-2252-z> ▾

Oct 16, 2019 · **Macrophage activation syndrome** is a rare entity, rarely **reported** during **primary Sjögren's syndrome**. Its **spontaneous evolution** is invariably fatal. There is no consensus on **therapeutic treatment**.

Author: B. S. Kane, M. Niasse, A. Faye, N. D. ... **Publish Year:** 2019

Fatal case of macrophage activation syndrome (MAS) in a ...

<https://casereports.bmj.com/content/2018/bcr-2018-225231> ▾

Jul 30, 2018 · The present **case** describes **macrophage activation syndrome (MAS)** associated with **dermatomyositis (DM)** and **cytomegalovirus (CMV)** viremia. **MAS** is a rare condition of **profound systemic** but ineffective **immune activation** affecting multiple organs with high mortality.

Cited by: 1 **Author:** Allison Virginia Lange, Salahuddin Kazi, ...

Publish Year: 2018

[PDF] Macrophage activation syndrome, a rare complication of ...

<https://jmedicalcasereports.biomedcentral.com/track/pdf/10.1186/s13256-019-2252-z>

Keywords: **Macrophage activation syndrome** , Sjögren's **syndrome** , Africa south of the Sahara , **Case report** Background **Macrophage activation syndrome (MAS)** is a phenomenon characterized by cytopenia, organ dysfunction, and coagulopathy associated with an inappropriate **activation** of macrophages [1]. It remains a rare pathology, with a guarded

Author: B. S. Kane, M. Niasse, A. Faye, N. D. ... **Publish Year:** 2019

Macrophage activation syndrome, a rare complication of ...



Macrophage activation syndrome as a complication of



ALL

IMAGES

VIDEOS

45,800 Results

Any time ▾

Macrophage activation syndrome, a rare complication of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6794887>

Oct 16, 2019 · **Macrophage activation syndrome** (MAS) is a phenomenon characterized by **cytopenia**, **organ dysfunction**, and coagulopathy associated with an inappropriate **activation of macrophages** . It remains a rare pathology, with a guarded **prognosis**, characterized by clinical and biological signs that are not very specific and whose association helps invoke the **diagnosis** [2].

Macrophage activation syndrome, a rare complication of ...

<https://jmedicalcasereports.biomedcentral.com/articles/10.1186/s13256-019-2252-z> ▾

Oct 16, 2019 · **Macrophage activation syndrome** is a rare entity, rarely **reported** during **primary Sjögren's syndrome**. Its **spontaneous evolution** is invariably fatal. There is no consensus on **therapeutic treatment**.

Author: B. S. Kane, M. Niasse, A. Faye, N. D... **Publish Year:** 2019

[PDF] Fatal case of macrophage activation syndrome (MAS) in a ...

<https://casereports.bmj.com/content/casereports/2018/bcr-2018-225231.full.pdf>

The present **case** describes **macrophage activation syndrome** (MAS) associated with **dermatomyositis** (DM) and **cytomegalovirus** (CMV) viremia. **MAS** is a rare condition of profound **systemic** but **ineffective immune activation** affecting multiple organs with high **mortality**. **MAS** is considered a subtype of haemophagocytic lymphohistiocytosis (HLH)

Cited by: 1 **Author:** Allison Virginia Lange, Salahuddin Kazi...

Publish Year: 2018

Macrophage activation syndrome in a Case of ...

<https://www.ejmcm.com/articles/10.1016/j.nhccr.2017.06.198> ▾

Conference/Meeting Abstract Proceedings **Macrophage activation syndrome** in a **Case of dermatomyositis** overlapping **syndrome** with systemic lupus erythematosus: **A case report**

Author: Gaël Villanueva-Charbonneau, Sté... **Publish Year:** 2017



Macrophage activation syndrome as a complication of d



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

45,900 Results

Any time ▾

[Macrophage activation syndrome, a rare complication of ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6794887>

Oct 16, 2019 · **Macrophage activation syndrome** (MAS) is a phenomenon characterized by **cytopenia**, **organ dysfunction**, and coagulopathy associated with an inappropriate **activation of macrophages** . It remains a rare pathology, with a guarded **prognosis**, characterized by clinical and biological signs that are not very specific and whose association helps invoke the **diagnosis** [2].

[Macrophage activation syndrome, a rare complication of ...](#)

<https://jmedicalcasereports.biomedcentral.com/...>

Oct 16, 2019 · **Macrophage activation syndrome** is a rare entity, rarely **reported** during **primary Sjögren's syndrome**. Its **spontaneous evolution** is invariably fatal. There is no consensus on **therapeutic treatment**.

Author: B. S. Kane, M. Niasse, A. Faye, N. D. ... **Publish Year:** 2019

[\[PDF\] Fatal case of macrophage activation syndrome \(MAS\) in a ...](#)

<https://casereports.bmj.com/content/casereports/2018/bcr-2018-225231.full.pdf>

We describe a **case** of an adult with **dermatomyositis** (DM) who presents with a **rash**, high fevers, tachycardia and hypotension, initially concerning for an **infectious aetiology** or a **DM flare**. She was found to have **cytomegalovirus viraemia** which improved after starting valganciclovir.

Cited by: 1 **Author:** Allison Virginia Lange, Salahuddin Kazi, ...
Publish Year: 2018

[Macrophage activation syndrome in a Case of ...](#)

<https://www.ejmcm.com/articles/10.1016/j.nhccr.2017.06.198>

Conference/Meeting Abstract Proceedings **Macrophage activation syndrome in a Case of dermatomyositis** overlapping **syndrome** with systemic lupus erythematosus: **A case report**