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## Guillain Barré Syndrome in a multiple myeloma patient ...

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Guillain Barré Syndrome in a multiple myeloma patient after the first course of bortezomib therapy: A case report. 1Department of Hematology, Jiangsu Province Hospital Affiliated to Nanjing University of Traditional Chinese Medicine, Nanjing, Jiangsu, P.R.

**Author:** Xingbin Dai, Xuemei Sun, Haiwen Ni, ... **Publish Year:** 2015

## [PDF] Guillain Barré Syndrome in a multiple myeloma patient ...

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Bortezomib is approved for treating relapsed multiple myeloma (MM) and mantle cell lymphoma, and clinical evidence has shown complete clinical responses in MM patients. Peripheral neuropathy is one of the most common adverse effects of bortezomib. However, rare evidence has shown that bortezomib is associated with Guillain-Barré syndrome (GBS).

Published in: [Oncology Letters](#) - 2015

Authors: [Xingbin Dai](#) · [Xuemei Sun](#) · [Haiwen Ni](#) · [Xuejun Zhu](#)

Affiliation: [Nanjing University](#)

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## Guillain Barri½ Syndrome in a multiple myeloma patient ...

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## Guillain Barre Syndrome in a multiple myeloma ... - Europe ...

[europepmc.org/articles/PMC4665331](http://europepmc.org/articles/PMC4665331)

Guillain Barré Syndrome in a multiple myeloma patient after the first course of bortezomib therapy: A case report XINGBIN DAI , 1, 2 XUEMEI SUN , 1 HAIWEN NI , 1 and XUEJUN ZHU 1 1 Department of Hematology, Jiangsu Province Hospital Affiliated to Nanjing University of Traditional Chinese Medicine, Nanjing, Jiangsu, P.R. China

**Author:** Xingbin Dai, Xuemei Sun, Haiwen Ni, ... **Publish Year:** 2015

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

**Manuscript NO:** 48078

**Manuscript Type:** CASE REPORT

**Multiple myeloma complicating Guillain-Barré syndrome after bortezomib therapy: A case report**

Xu *et al.* MM complicating GBS after bortezomib therapy

Yu-Ling Xu, Wei-Hua Zhao, Zhong-Yuan Tang, Zhong-Qing Li, Yuan Long, Peng Cheng, Jun Luo

**Abstract**

**BACKGROUND**

Bortezomib is a first-line drug approved for patients with multiple myeloma (MM) and has significantly increased the overall survival in MM. However, bortezomib-induced peripheral neuropathy (PN) remains a significant side-effect that has led to its discontinuation in some patients. Guillain-Barré syndrome (GBS) is recognized as an immune-mediated PN characterized by the involvement of multiple nerve roots and peripheral nerves and albuminocytologic dissociation in cerebrospinal fluid (CSF) tests. Intravenous immunoglobulin (IVIG) and plasmapheresis are effective.

**CASE SUMMARY**

A 45-year-old man diagnosed with stage III MM ( $\lambda$  type) was treated with bortezomib and dexamethasone. Fourteen days after the second course, he complained of intense burning sensation in the lower limbs and hands, loss of tactile sensation, and pain in the

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Multiple myeloma complicating Guillain-Barré syndrome after



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## Guillain Barré Syndrome in a multiple myeloma patient ...

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Bortezomib is approved for treating relapsed multiple myeloma (MM) and mantle cell lymphoma, and clinical evidence has shown complete clinical responses in MM patients. Peripheral neuropathy is one of the most common adverse effects of bortezomib. However, rare evidence has shown that bortezomib is associated with Guillain-Barré syndrome (GBS).

Author: Xingbin Dai, Xuemei Sun, Haiwen Ni, ... Publish Year: 2015

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Aug 25, 2015 · In the present study, a case of GBS is reported in an MM patient finishing the first course of bortezomib therapy. Based on a bone marrow cell examination revealing 34% plasma cell infiltration and according to the International Staging System, the patient was diagnosed with stage III MM (λ type).

Author: Xingbin Dai, Xuemei Sun, Haiwen Ni, ... Publish Year: 2015

## Guillain Barré Syndrome in a multiple myeloma patient ...

[europepmc.org/articles/PMC4665331](http://europepmc.org/articles/PMC4665331)

Nov 01, 2015 · Guillain Barré Syndrome in a multiple myeloma patient after the first course of bortezomib therapy: A case report XINGBIN DAI , 1, 2 XUEMEI SUN , 1 HAIWEN NI , 1 and XUEJUN ZHU 1 1 Department of Hematology, Jiangsu Province Hospital Affiliated to Nanjing University of Traditional Chinese Medicine, Nanjing, Jiangsu, P.R. China

Author: Xingbin Dai, Xuemei Sun, Haiwen Ni, ... Publish Year: 2015

## Case Report: Posterior reversible encephalopathy syndrome ...

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Discussion. Bortezomib is a proteasome complex inhibitor that induces cell cycle arrest, apoptosis and inhibition of angiogenesis via interruption of cell signalling. 5 It is used as first-line treatment of multiple myeloma for those patients who are not amenable to stem cell transplantation.

Cited by: 1 Author: N A Nixon, K Parhar

Publish Year: 2014