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**Severe steroid refractory gastritis induced by Nivolumab: A case report**

Vindum HH *et al.* Severe steroid refractory gastritis induced by Nivolumab

Helene Hjorth Vindum, Jørgen S Agnholt, Anders WM Nielsen, Mette B Nielsen, Henrik Schmidt

## Abstract

### BACKGROUND

Immune checkpoint inhibitors are widely used for treatment of many advanced malignancies. Lower gastrointestinal (GI) side effects, such as diarrhea and colitis, are common, but upper GI side effects are rarely reported. Consequently, the correct treatment of upper GI adverse events has been less frequently described.

### CASE SUMMARY

We describe a case of a 16-year-old woman with stage IIIb malignant melanoma treated with adjuvant monotherapy using Nivolumab. The patient developed severe gastritis after

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Jan 21, 2019 · A colonoscopy was performed and revealed no endoscopic evidence of inflammation. Random biopsies for histology were obtained which showed mild colitis, and were negative for Cytomegalovirus and Herpes Simplex Virus. He was diagnosed with **severe steroid-refractory colitis induced by Ipilimumab and Nivolumab** and was initiated on Infliximab.