

## Answers to Reviewer:

1. What is the criteria for considering proton-beam therapy as a treatment of choice over other treatment modalities: These can be described in the discussion of the cases.

As mentioned in the core tip, discussion and conclusion, randomized clinical trials about multimodality approaches of sinonasal malignancies are still missing. However, particularly locally advanced disease with unresectable gross tumor abutting orbit and brain, proton beam therapy should generally be considered due to its dosimetric advantages, in order to achieve a better long-term local control with less severe late toxicities, such as blindness and cerebral radiation necrosis, as well as to facilitate organ preservation.

2. A discussion on the relevant literature describing the utility of proton beam therapy as well as its advantages over other treatment options can be added.

References 24, 29-34, 38, 39, 42, 43 are dealing with the advantages of particle therapy for head and neck cancers compared to conventional radiation therapy. They were quoted and compared with both cases herein. All of them are based on retrospective studies in the recent years. I added 3 additional literatures (References 41-43) for more elucidation about the relevance of particle therapy as a part of the multimodality treatment approaches for sinonasal malignancies. Because particle therapy is still a novel treatment option, it continues to develop in its technical equipments and investigation of appropriate indications. In view of locally advanced sinonasal malignancies, the decision between upfront surgery followed by adjuvant radiotherapy and definitive radiotherapy +/- simultaneous chemotherapy depends on various factors, such as histology, comorbidities and patient preference concerning quality of life. The topic is utterly complex and needs to be reviewed in prospective randomized trials. The normal tissue complication probability models can be the first approach to select adequate patients for proton beam therapy.

3. What is the role of proton beam therapy in management of metastatic lesions?

There has been no literature about the purposed utilization of proton beam therapy for metastatic sinonasal cancers. But Reference 39, 42 and 43 are dealing with comprehensive neck irradiation using proton beam therapy for head and neck cancers with positive lymph node metastases. IMPT enables the concurrent treatment of metastatic lesions and primary tumor, as reported in Case I.

4. Kindly add a statement that the informed consent of the patient was obtained prior to the initiation of the treatment.

The statement is added to both case reports as recommended.

Answers to Science Editor:

The Copyright License Agreement was only signed by me, because I am the sole author. The title is abbreviated to 12 words only. The figures are arranged in an additional PowerPoint file in the attachment.