

Multiple myeloma with cardiac involvement accompanied by partial superior vena cava obstruction: a case report and literature review

Shuzhen Wang¹, Ruohan Zhao¹, Kunyue Tan¹, Chunxia Liu¹, Lijuan Zhang¹, Min Xu¹, and Feng Xiong¹

¹Chengdu Third People's Hospital

May 12, 2021

Abstract

Extramedullary involvement of the endocardium is rare in multiple myeloma. Here we describe a case of multiple myeloma (plasma cell) with extramedullary plasmablastic transformation and endocardial involvement, which resulted in partial superior vena cava obstruction. We also conducted a literature review and summary analysis of space-occupying lesions in the heart in 12 patients with multiple myeloma (including the current case) in the last 10 years. Echocardiography is the preferred radiologic examination method for diagnosis and follow-up in multiple myeloma, and surgical resection is effective for alleviating symptoms.

Hosted file

manuscript.pdf available at <https://authorea.com/users/413511/articles/521816-multiple-myeloma-with-cardiac-involvement-accompanied-by-partial-superior-vena-cava-obstruction-a-case-report-and-literature-review>



