Primary cardiac angiosarcoma: a case report

Ozge Petek Erpolat¹, Fikri Icli², Orhan Veli Dogan³, Gokhan Gokaslan³, Muge Akmansu⁴, Selim Erekul⁵, and Ertan Yucel³

¹Kutahya Evliya Celebi Government Hospital, Department of Radiation Oncology, Kutahya; ²Ankara University Medical School, Department of Medical Oncology, Ankara; ³Ankara Diskapi Yildirim Beyazit Training and Research Hospital, Department of Cardiovascular Surgery, Ankara; ⁴Gazi University Medical School, Department of Radiation Oncology, Ankara; ⁵Ankara University Medical School, Department of Pathology, Ankara, Turkey

ABSTRACT

Primary tumors of the heart are rarely seen. Cardiac angiosarcomas are malignant tumors that almost always have a poor prognosis. We describe a 29-year-old man with primary cardiac angiosarcoma with multiple site metastases. The therapeutic approach includes surgery, chemotherapy and radiotherapy alone or in combination. New techniques of radiotherapy and combined chemotherapeutic agents may relieve symptoms and prolong a patient's life. We discuss the diagnosis and treatment of cardiac angiosarcoma in the light of a case report.

Key words: cardiac angiosarcoma, chemotherapy, radiotherapy.

Correspondence to: O Petek Erpolat, MD, Konutkent 2 A8 Blok 62, Cayyolu Ankara, Turkey. Tel +90-533-348-5950; e-mail petektater@yahoo.com

Received November 7, 2006; accepted April 24, 2007