A Case of Malignant Solitary Fibrous Tumor Presenting with Exophthalmos

A 71-year-old man was referred to our hospital for the treatment of left painless exophthalmos without any systemic symptom. His left eye was extruded, and eye movement was restricted. Orbital magnetic resonance imaging (MRI) revealed a circumscribed oval tumor measuring 4 cm in diameter at the nasal side of the left orbit (Fig. 1). The left eyeball was deformed by the tumor. Extensive work-up showed multiple tumors on the right shoulder (20 cm in diameter), skull bone, skin, lung and abdominal lymph nodes. A needle biopsy of the tumor on his right shoulder revealed malignant solitary fibrous tumor (Fig. 2; please note that a color version of this figure is available as supplementary data at http://www.jjco.oxfordjournals.org). Eventually, we concluded that the primary site of these tumors should be the right shoulder, which metastasized to the left orbit. Systemic chemotherapy was abandoned because of his poor general condition. He received palliative radiotherapy to the left orbit, but it was not effective.

Shigenobu Suzuki
Ophthalmology Division
National Cancer Center Hospital
Tokyo, Japan
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