

## MALIGNANT FIBROUS HISTIOCYTOMA OF THE ORBIT —A CASE REPORT

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Malignant fibrous histiocytoma (MFH) was introduced in the early 1960s to describe a group of soft tissue tumors. MFH is one of the most common soft tissue tumors of adults. It accounts for 10.5% of all soft tissue sarcomas, and about 0.1% of all malignant tumors. During the past years, MFH has been used a diagnostic waste basket for hard to classify tumors of all kinds. In 1988, MFHs were divided into five types. The storiform-pleomorphic type is the most common. Most of MFHs occur in the extremities. However, it is relatively rare in the head and neck region. We reported a 61-year-old male with phthisis bulbi presenting MFH. The tumor origin was the surrounding soft tissue. Pathology showed storiform type of MFH.

Key words: MFH (malignant fibrous histiocytoma), Fibroblast, Histiocyte, Storiform type

head and neck region.<sup>4,5</sup>

### INTRODUCTION

The concept of malignant fibrous histiocytoma (MFH) was introduced in the early 1960s to describe a group of soft tissue tumors which were supposed to be derived from histiocytes. MFH is one of the most common soft tissue tumors of adults. It accounts for 10.5% of all soft tissue sarcomas, and about 0.1% of all malignant tumors.<sup>1,2</sup> Recently, immunohistochemical study suggested that fibroblasts are the tumor origin.<sup>3</sup> Most of MFHs occur in the extremities (68%). It occurs in the retroperitoneal and abdomen in 16% of cases, and the trunk in 9% of cases. It is relatively rare in the

We herein reported a 61-year-old male with phthisis bulbi presenting MFH. The tumor origin was the surrounding soft tissue. Pathology showed storiform type of MFH.

### CASE REPORT

A 61-year-old male presented with right lid mass for 1-2 months. It progressed rapidly. On admission to Tainan Municipal Hospital on Dec 20, a palpable, fixed, hard, solid mass about 5.5x4x5 cm was noted (Fig1). No pain, tenderness, local heat were noted. However, it showed severe chemosis with conjunctival exposure.

Received: February, 10, 2004 Revised: March, 19, 2004 Accepted: May, 7, 2004

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