A 27-Year-Old Man with Soft-Tissue Swelling on the Scalp and Hypochondrium
(See pages 763-4 for Answer to Photo Quiz)

A 25-year-old Asian Indian engineering student, who had been in the United States for ~1.5 years, presented with pain in the right hypochondrium (duration, 1.5 months). He subsequently noted a tender mass growing in that area. In addition, he developed 2 masses on the forehead and occiput. The patient denied having had cough, fever, chills, weight loss, or night sweats. He also denied having a family history of any malignancy and having recently traveled. He did not have any other medical problems, and he was not taking any medications. Physical examination revealed tender masses (size, 2 × 2 cm) in the right frontal and superior occipital regions plus a large, tender mass (size, 4 × 3 cm) in the right hypochondrium (figure 1), with no evidence of any lymphadenopathy. CT revealed a large osteolytic lesion in the right costal margin and 2 lytic lesions in the right frontal and right superior occipital areas (figure 2).

What is your diagnosis?