A CASE OF SUBCUTANEOUS HEMANGIOMA IN THE NASAL DORSUM WITH NASAL CAVITY EXTENSION

We present a rare case of nasal dorsal subcutaneous hemangioma, which was successfully removed by open rhinoplasty approach. Open rhinoplasty approach with septal extension graft is appropriate for tumor resection of nasal dorsum and for maintaining internal nasal valve patency.

Introduction
Subcutaneous cavernous hemangiomas can occur anywhere in the body and are typically located beneath the skin and subcutaneous tissue. They frequently involve the head and neck, but subcutaneous hemangioma of the nasal dorsum is a rare variant. As their size increases, they can cause functional and esthetic problems. In this report, we present the case of a young male with a nasal dorsal subcutaneous hemangioma with nasal cavity extension. He was successfully treated with an external rhinoplasty approach.

Case report
A 15-year-old male was referred to ENT department for evaluation of nasal dorsal swelling over 2 months. Physical examination revealed a elastic mass lesion in the midline of the nasal dorsum. Endoscopic exam showed left side internal nasal valve collapse and bulging of superior portion of nasal septum. CT showed a 1X0.8 cm nasal dorsum mass with irregular shaped hypervascular, enhancing soft tissue density. There were no communication to the skin, skull base, and brain.

Histopathology examination demonstrated 1.2*1*0.6cm sized lobular capillary hemangioma. At postoperative 1 year follow up, there were no recurred mass lesion on nasal dorsum and internal nasal valve was well maintained.