

**47th ANNUAL DIAGNOSTIC SLIDE SESSION, 2006
REFERENCES AND DIAGNOSES**

MODERATOR: E. Tessa Hedley-Whyte, M.D.

EDITOR: Leroy R. Sharer, M.D.

Case 2006-8

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Diagnosis: Alveolar soft part sarcoma, metastatic

Comment: This patient had skin nodules resected at age two years, and she also had resection of a rectal mass at age 30. In neither case was tissue available for review. On immunocytochemistry, tumor cells were positive for MyoD1 and neuron specific enolase (NSE), but they were negative for HMB45, EMA and breast markers. There was reticulin in the tumor.

References:

Cullinane C, Thorner PS, Greenberg ML, et al: Molecular genetic, cytogenetic, and immunohistochemical characterization of alveolar soft part sarcoma. *Cancer* 1992; 70: 2444-2450.

Enzinger FM, Weiss SW and Goldblum JR: Malignant soft tissue tumors of uncertain type. In: Strauss M (Ed), *Soft Tissue Tumors*, Fourth Edition, St. Louis, Mosby, 2001; pp. 1509-1521.

Lillehei KO, Kleinschmidt-DeMasters B, Mitchell DH, et al: Alveolar soft part sarcoma: An unusually long interval between presentation and brain metastasis. *Hum Pathol* 1993; 24: 1030-1034.