## 45th ANNUAL DIAGNOSTIC SLIDE SESSION, 2003 REFERENCES AND DIAGNOSES

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## Case 2004-2

**Submitted by:** Angelica Oviedo, M.D., and Greg Moes, M.D., Kaiser Hospital, Oakland, CA

Diagnosis: Clear cell meningioma

**Comment:** The tumor cells were positive on immunocytochemistry for epithelial membrane antigen (EMA), and the nuclei were positive for progesterone receptor (PR). The tumor cells were negative for glial fibrillary acidic protein (GFAP), cytokeratin Cam 5.2, and S-100 protein. The Ki-67 labeling index was 10%.

## References:

Dubois A, Sevely A, Boetto S, Delisle MB, Manelfe C: Clear cell meningioma of the cauda equina. Neuroradiology 1998; 40:743-747.

Zorludemir S, Scheithauer BW, Hirose T, et al: Clear cell meningioma. A clinicopathologic study of a potentially aggressive variant of meningioma. Am J Surg Pathol 1995; 19:493-505.