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A CASE OF PIGMENTARY GRAPE-MEMBRANOUS CYST IN UNILATERAL OVARY

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The tumors derived from ovarian single germinal layer is not common and eyeball grape-membranous pigment lining in internal wall of cyst has not been reported. A case of this tumor which was hospitalized in our hospital is reported here.

A female patient at the age of 35 years was hospitalized because a mass in pelvic cavity was detected while a gynecological general survey in May 1994. She felt lower abdominal distension pain or slight implicative pain sometimes, but had a normal menstruation. The gynecological examination found a about 6×5 cm cystic mass in left posterior uterus, which was movable, nontenderness. The B-ultrasonic examination showed a 8×6 cm cyst with a clear surrounding in left uterus. T3, T4, and ECG examination were normal. The patient had been a known hyperthyroidism and hyperthyroid heart disease since 1990, the symptoms of which were controlled after therapy. A 6×6 cm,

smooth, and nonattached cystic mass in left-posterior uterus was detected during operation.

Pathological Examination

Massive examination: A 5.5×4×3.5 cm, smooth, greyish-white cyst, which was full of light yellow and clear liquid, smooth and black and brown in internal wall, was observed. Microscopical examination: The cystic wall was comprised of ovarian interval cells and fibrocytes, internal wall was lined single-layer cubic or cylindrical epithelium, and these cellular plasmas involved a lot of black and brown granules. Immunohistochemistry: Melanoma (++) . Pathological diagnosis: Left ovary pigmentary grape-membranous cyst.

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