A large serous borderline ovarian tumour mimicking neurogenic bladder

A 55-year-old woman, who had undergone a total hysterectomy decades previously, presented with lower abdominal fullness and urinary frequency. An abdominal–pelvic contrast-enhanced computed tomography scan (Box) showed a large cystic lesion measuring $20 \times 17 \times 15$ cm, with a smaller “daughter” cyst, a compressed urinary bladder and bilateral hydrenephrosis.

The patient subsequently had an ovarian cystic tumour weighing 1822 g removed, and had an uneventful postoperative course. The tumour contained serous fluid, which established the diagnosis of serous borderline ovarian tumour (SBOT). An SBOT manifesting as such a large cyst that mimics neurogenic bladder is rare. In general, conservative, fertility-sparing surgery is recommended for its promising outcomes.

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