

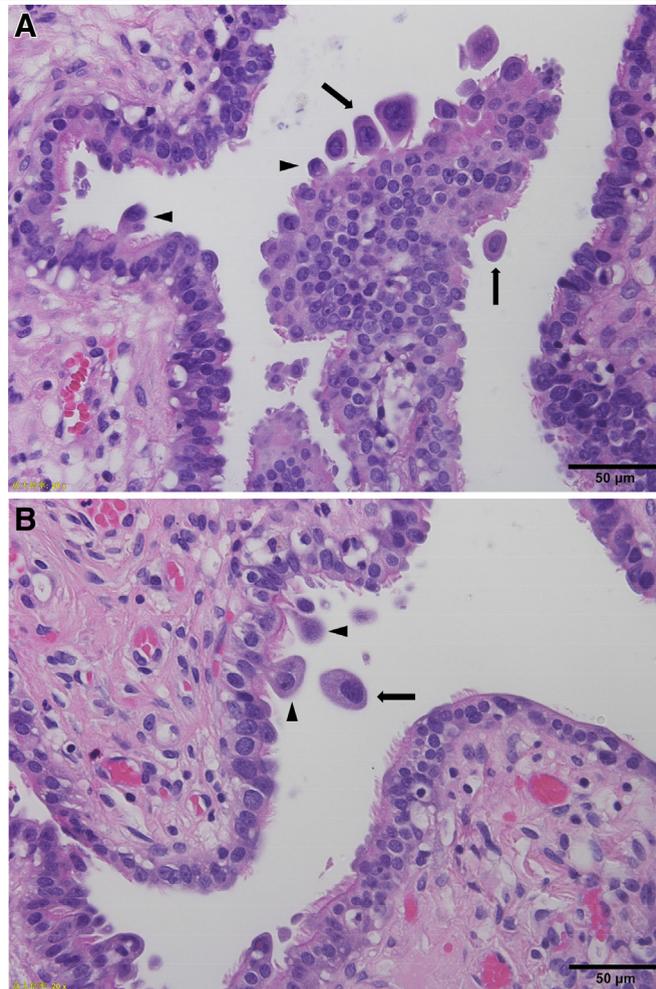
Shedding cells from the fimbriae of fallopian tubes



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FIGURE 1

Microscopic view of shedding of cells



He. Shedding cells from fimbria of fallopian tube. *Am J Obstet Gynecol* 2019.

A 42-year-old woman underwent a total hysterectomy and bilateral salpingectomy because of uterine fibroids. The pathological examination showed uterine

fibroids with 2 normal fallopian tubes. Under microscopic scrutinization, some cells were just shedding (arrow) and some were going to shed (arrowhead) from the fimbriae of the tubes (Figure, A and B).

This observation nicely illustrates the serous tubal intraepithelial carcinoma theory: that epithelial ovarian cancers are derived from the fallopian tube, specifically the fimbriae of fallopian tubes. Epithelial cells usually shed from fimbriae of the fallopian tubes onto the ovaries and the peritoneal cavity, which will not cause pathology under normal conditions in most women. However, when cells within fimbriae of the tubes become malignantly transformed, ovarian or peritoneal cancer might result. ■

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