

Vaginal Natural Orifice Transluminal Endoscopic Surgery (VNOTES) Assisted Salpingo-oophorectomy at Time of Vaginal Hysterectomy in an Obstetric-Gynecologic Residency Training Program: A Pilot Study

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Introduction:

Vaginal Natural Orifice Transluminal Endoscopic Surgery (VNOTES) has been championed in the gynecologic literature as a minimally invasive gynecologic procedure. Visualization for salpingo-oophorectomy (SO) during the vaginal hysterectomy may be challenging, particularly for residents in training.

Methods:

This was a pilot retrospective observational study of from June 2018 through May 2019 at a tertiary care center with an obstetric gynecology residency training program.

Results:

The pilot study population consisted of 20 women we performed VNOTES SO's with residents with outcomes and complication rates equal to traditional methods of laparoscopic and vaginal SO.

Conclusion/Implications:

The VNOTES procedure is similar to single site laparoscopy, easily mastered by resident trainees, and has been well received by the residents in training. This pilot study documents the safety and easy mastery of the procedure in an obstetric-gynecologic residency training program.