

The female prostate revisited: perineal ultrasound and biochemical studies of female ejaculate. - Wimpissinger F - *J Sex Med* - 01-SEP-2007; 4(5): 1388-93; discussion 1393 (MEDLINE® is the source for the citation and abstract of this record)

Abstract:

INTRODUCTION: Many speculations have been made on the possible existence of a "female prostate gland" and "female ejaculation." Despite several reports on the subject, controversy still exists around the "female prostate" and whether such a gland might be the source of fluid emitted during **orgasm** (ejaculation). **AIM:** To investigate the ultrasonographic, biochemical, and endoscopic features in two women who reported actual ejaculations during **orgasm**. **MAIN OUTCOME MEASURES:** Perineal ultrasound studies, as well as biochemical characteristics of ejaculate and urethroscopy, have been performed in two women. **METHODS:** Two premenopausal women—44 and 45 years of age—who actually reported fluid expulsion (ejaculation) during **orgasm** have been investigated. Ultrasound imaging, biochemical studies of the ejaculated fluid, and endoscopy of the urethra have been used to identify a prostate in the female. Ejaculated fluid parameters have been compared to voided urine samples. **RESULTS:** On high-definition perineal ultrasound images, a structure was identified consistent with the gland tissue surrounding the entire length of the female urethra. On urethroscopy, one midline opening (duct) was seen just inside the external meatus in the six-o'clock position. Biochemically, the fluid emitted during **orgasm** showed all the parameters found in prostate plasma in contrast to the values measured in voided urine. **CONCLUSIONS:** Data of the two women presented further underline the concept of the female prostate both as an organ itself and as the source of female ejaculation.

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- Arousal / * physiology
- Coitus / * physiology
- Exocrine Glands / * secretion / ultrastructure
- Orgasm / * physiology
- Perineum / * ultrasonography
- Urethra / physiology / * secretion / ultrasonography

Additional Subjects:

- Female
- Humans
- Middle Aged

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