

31. INTRA UTERINE INSEMINATION OF
THE SPERMS RECOVERED FROM
POST EJACULATORY URINE
SAMPLE.

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Retrograde ejaculation causes less than 2% of male infertility but is a leading cause of male infertility. We report a case of aspermia due to retrograde ejaculation and successful recovery of sperms from post ejaculatory urine sample and intrauterine insemination.

A young couple married for 18 months presented with primary sub fertility. Male partner had undergone several operations during childhood including a colostomy repair for high imperforated anus. He still has not gained complete control of his anal sphincter. He does not have erectile dysfunction but he did not have an ejaculate.

Examination of a post ejaculatory urine sample confirmed retrograde ejaculation. A total of 49 million

sperms (b-40%) were recovered from the post ejaculatory urine sample collected in to a culture medium, and after processing sample contained 8.4 Million/insemi. (0.3ml).

Pregnancy achieved after ovulation induction and intrauterine insemination and currently she is in her 34th week of her pregnancy.

Conclusion:

All patients who have aspermia should have a post ejaculatory urine sample examined to exclude retrograde ejaculation. Recovery of sperms from post ejaculatory urine sample gives promising results.