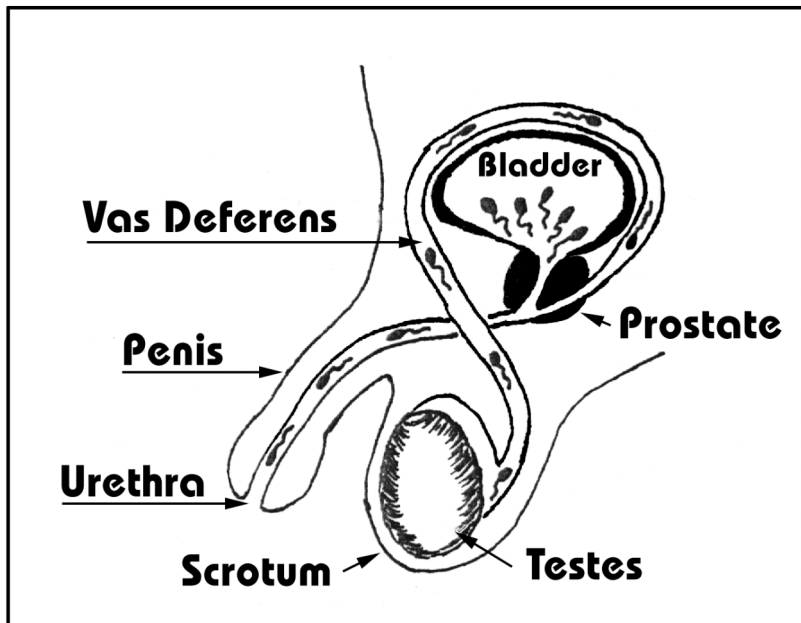


# Post-Ejaculate Urine Spin (PEUS) For the Evaluation of Retrograde Ejaculation

## Definition:

Retrograde ejaculation occurs when sperm are ejaculated back into the bladder rather than through the urethra and penis. Once the sperm come into contact with urine, they don't survive very long.



## How is the test completed?

The male is asked to abstain from ejaculation for 2 to 7 days prior to testing. All semen and urine testing will be scheduled ahead of time. The collection of the sperm and urine is usually completed at the physician's office although nearby locations are acceptable as long as the semen specimen is kept at body temperature and arrives at the lab within 45 minutes of ejaculation. We prefer, however, for the PEUS to be collected in the office.

## Specific Instructions:

- Urinate to empty your bladder (do not save)
- Wait 30-40 minutes
- Ejaculate semen for analysis (container provided)
- Urinate and **save** for analysis (containers provided)  
(**Completely empty bladder & save all urine**)
- Schedule follow up discussion

## Interpretation:

The number of sperm in the ejaculated specimen and the urine specimen are calculated. By dividing the number of sperm found in the urine by the total number of sperm found in the urine and the ejaculate will result in the percent of sperm ejaculated in a retrograde fashion.

## Treatment:

About 50% of the men with retrograde ejaculation will benefit from medical therapy. There is essentially no surgical therapy available for treatment. An additional option includes modifying the urine so the ejaculated sperm will survive as they are removed and concentrated from the urine. The recovered sperm can then be used for an insemination procedure. Your physician will discuss the options with you in detail during the follow up discussion.

## Causes of retrograde ejaculation:

- medications
- infections
- abdominal/genital surgery
- prostate surgery
- diabetes mellitus
- unknown