

## ARE THERE ANY AFTER EFFECTS OF NSV?

NSV is safe and simple. However it could have temporary after effects such as:-

- + Swelling and/or tenderness of the scrotum
- + Bruising or pain.

These after-effects usually subside within 1-2 days.

## HOW SOON CAN A PERSON GO BACK TO WORK AFTER UNDERGOING NSV?

After undergoing NSV:

- + If your job doesn't involve heavy work, you can go to work the next day.
- + Manual labour should be avoided for at least 48 hours.
- + Cycling can be resumed only after 7 days.

## WILL NSV AFFECT SEXUAL ABILITY OF MAN?

- + NSV does not affect sexual ability of man.
- + No change in-
  - Erection
  - Size of the penis or testicles.
  - Amount of semen discharged.

NSV frees a man from the worry of unwanted pregnancy and this makes sex more pleasurable.

## DOES NSV MAKE THE PERSON STERILE IMMEDIATELY?

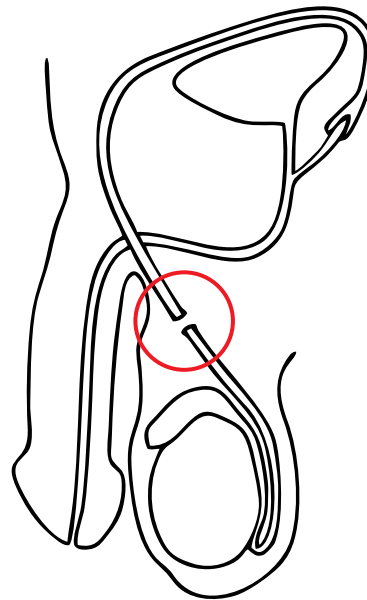
- + No, after NSV, there are always some active sperms left in the tubes for at least 20 ejaculation/ 3 months after this procedure.
- + The couple should use some other form of contraception for three months after the NSV procedure or until the semen analysis shows no sperms.
- + To ensure the success of the procedure, the acceptor should get the semen analysis done after 3 months of the procedure.

## DOES NSV PROTECT AGAINST STI/HIV?

- + No NSV only prevents pregnancy. It neither protects the man or his spouse against STI/HIV.
- + The best way to protect yourself and your partner from STI/HIV is by using condoms during each sexual act.

## CAN NSV BE REVERSED?

NSV is a permanent method but reversal is possible. However, the reversal operations are expensive and are not always successful.



**ONE CAN CONTACT THE NEAREST HEALTH CARE PROVIDER FOR MORE INFORMATION ON NSV SERVICES.**



National Health Mission  
Department of Health & Family Welfare  
Government of Nagaland



# ADOPT NON SCALPEL VASECTOMY (NSV)

**AND LEAD A HAPPY LIFE**

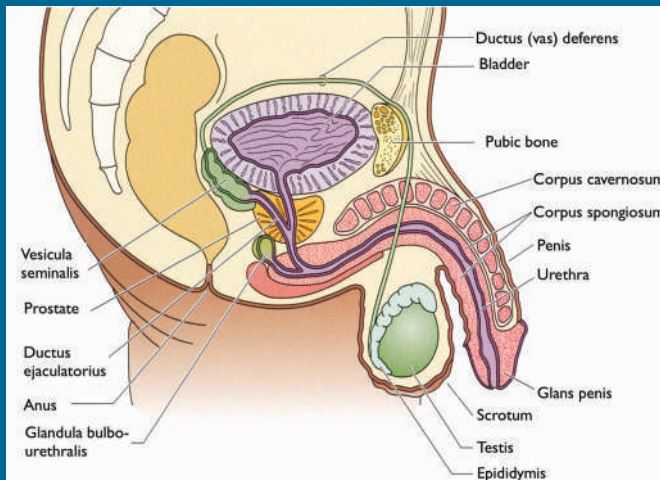


# THE PHYSIOLOGY OF MALE REPRODUCTIVE SYSTEM

To know this, it is necessary to understand the male reproductive organs and their functions.

These are:-

- \* **Penis:** This organ ejaculates and deposits semen in the vagina of the woman during sexual intercourse.
- \* **Testicles:** These are two egg shaped organs enclosed in the skin sac under the penis, which produce the sperms responsible for conception.
- \* **Vas Deferens:** These are two tubes which carry sperms from the testes to the penis.
- \* **Seminal Vesicles:** These are two glands which produce a secretion which get mixed with the sperm.
- \* **Prostate:** This is another gland which secretes a watery and sticky liquid which also forms a part of the semen.
- \* **Semen:** This is a thick and sticky liquid which is ejaculated from the penis during intercourse. This is a mixture of sperm and secretions of the seminal vesicles and prostate gland.



## WHAT IS MALE STERILISATION?

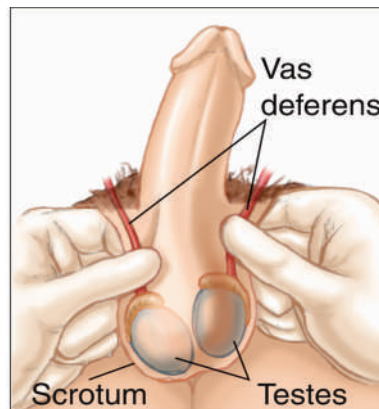
- + Only the sperms present in the semen are responsible for conception.
- + In male sterilisation both the tubes which carry the sperms from the testicles to the penis are cut. The cut ends are then tied separately.
- + This prevents the sperms from mixing with the semen which becomes sperm-free. Conception cannot take place by this sperm-free semen.

## WHAT IS NON-SCALPEL VASECTOMY (NSV)?

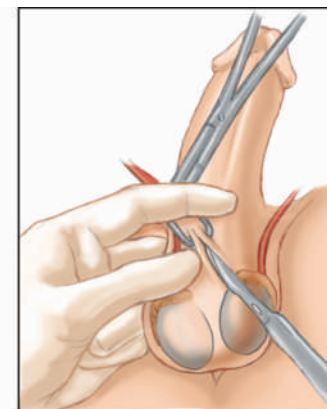
It is a simple and safe procedure that cuts and ties the ends of the vas – the tubes through which sperms pass for ejaculation- and prevents the flow of sperms out of the testicles.

## HOW IS NSV PERFORMED?

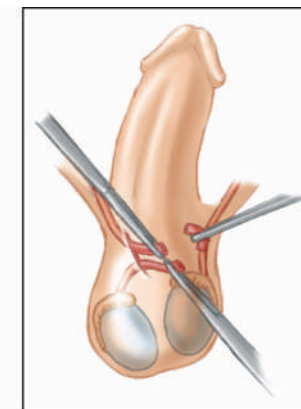
1. NSV is carried out by a trained doctor.
2. The loose skin of the scrotal sac is made numb by giving an injection (local anaesthesia)
3. In this numbed skin, a very small (2mm) puncture is made with a special forceps.
4. Through this small puncture the vas (tube that carries sperm from testicles to urinary tract) is lifted out.
5. This tube is then cut from middle.
6. Both the cut ends of the tube are tied separately and put back in the scrotal sac.
7. Similarly, this procedure is repeated in the other tube.
8. After putting the tubes back in scrotal sac, a medical tape is used to cover the puncture.
9. No stitches are required on the puncture in the skin.
10. Within 2 days, this puncture heals by itself without scarring.
11. The total procedure takes 5-10 minutes.



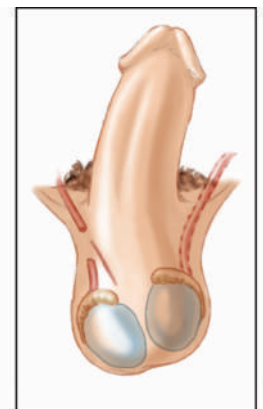
(a)



(b)



(c)



(d)

## WHO SHOULD ADOPT NSV?

- + It should be adopted by those who has completed family size and does not want any more children.
- + By those who wish to adopt a permanent contraceptive method.

## WHAT ARE THE ADVANTAGES OF NSV?

- + No incision or stitches involved.
- + Procedure takes only 5-10 minutes. One can leave for home 30 minutes after the procedure.
- + NSV is safe and does not reduce sexual power of man.
- + It does not cause any physical weakness.
- + It is as effective as tubectomy.