

PENILE IMPLANT

ZSI 100

SURGICAL

PROCEDUR

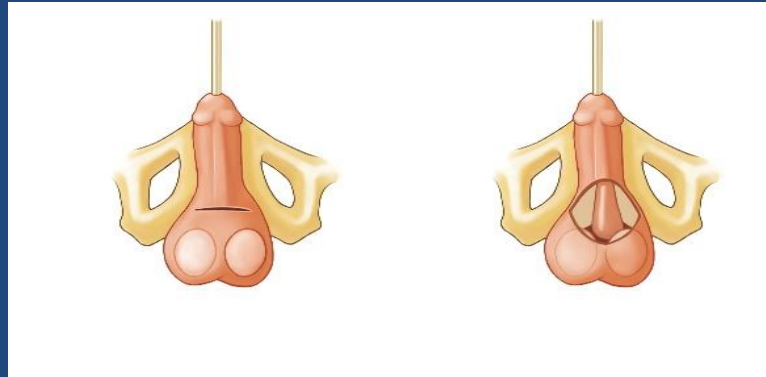




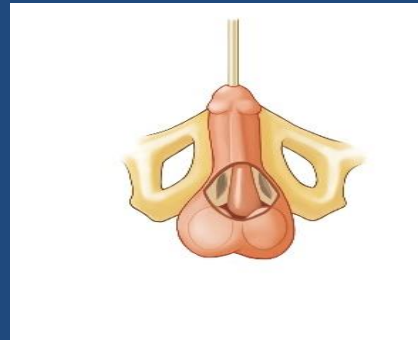
Instruments are ready



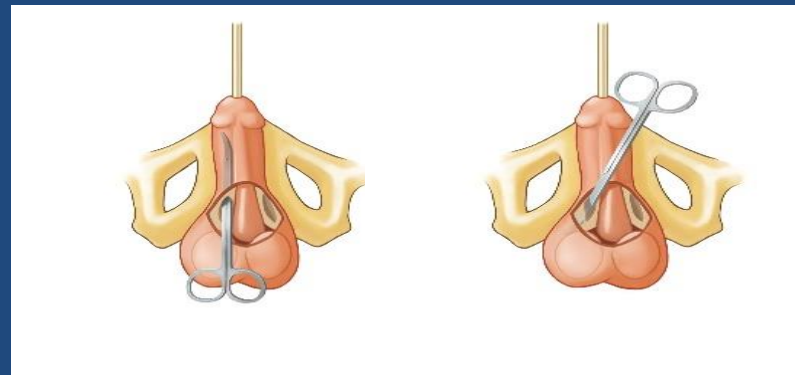
Install a size 16 Fr/Ch
Foley catheter (no
smaller) to calibrate the
urethra.



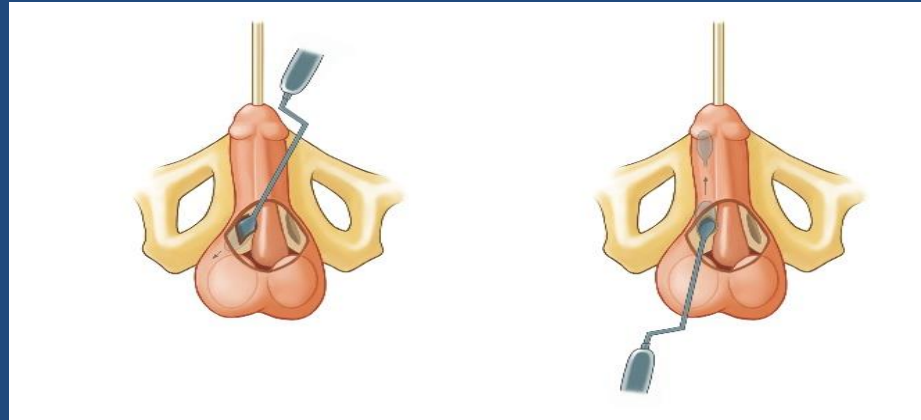
Perform peno-scrotal incision to reach corpus cavernosum.



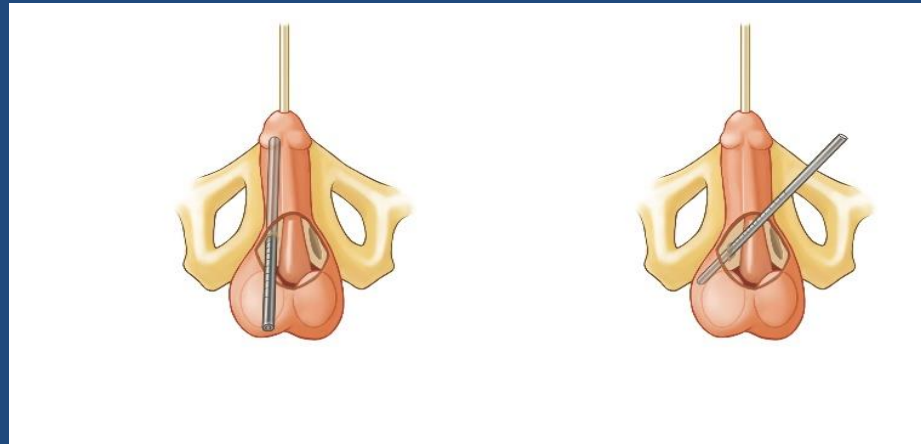
Expose the tunica albuginea of both corpus cavernosums to achieve deep exposure of the proximal corpora. Make an incision in each area.



First prepare the distal part of the corpus cavernosum carefully then the proximal part with the scissors closed.

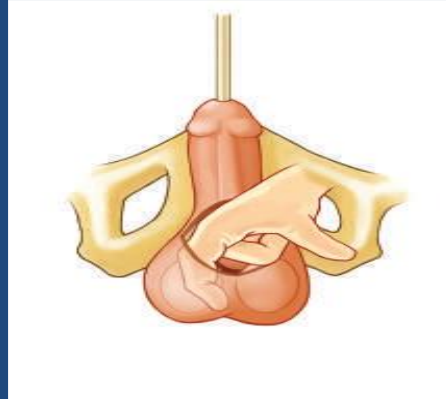


Dilate the distal and proximal part of the corpus cavernosum one by one with dilators from 10 Fr Ch to 13 Fr Ch using Hegar candles.

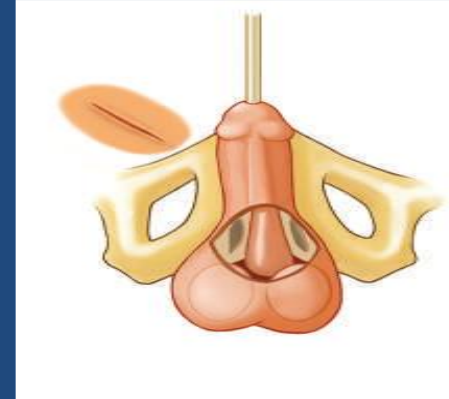


Measure the length of the distal and proximal part of the corpus cavernosum with the introducer ruler. Add the two measures for the total length of the corpus cavernosum.

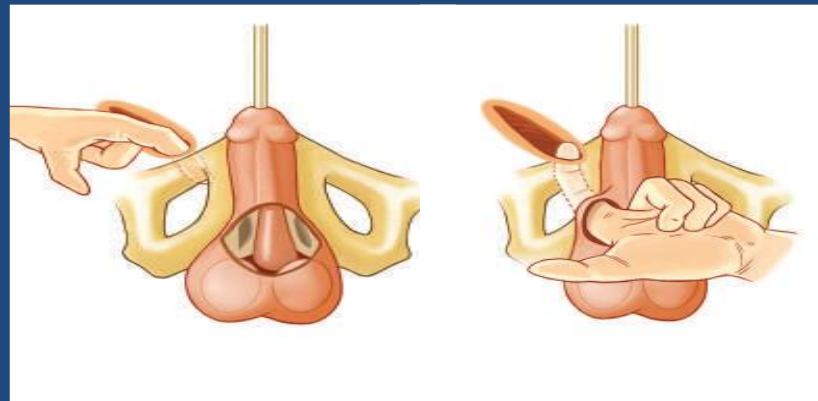
Antibiotic injection should perform during the procedure



Prepare the scrotal pouch for the pump of the Penile Implant utilizing the subdartos pouch.



Perform an inguinal incision for the implantation of the reservoir in the pelvis.



- Follow the spermatic cord with the index finger to reach the pelvis. Then, create a space for the reservoir in the pelvis, beside the bladder.
- Then To prepare for the passage of the armed tubing under the skin, join the peno-scrotal incision and the inguinal incision with a finger or dissect with a Kelly.

PREPARATION OF THE CORPUS CAVERNOSUM PROSTHESIS AND THE PUMP



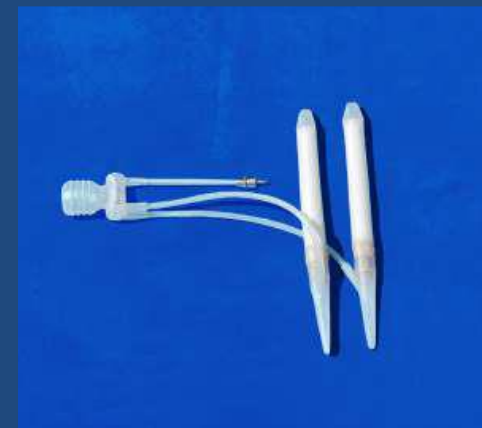
Supply and instrument requirements:
A bowl + saline solution,
A bowl + antibiotics,
A 60 ml syringe,
The cylindrical needle from the kit.



Change gloves. Only the surgeon should touch the device.
Open the kit.



Prepare the corpus cavernosum prosthesis. Screw the inflatable distal part to the proximal parts and the pump.



Repeat the procedure with the second inflatable distal part.



Squeeze the pump to fill the assembling with normal saline solution.



Remove the air and the saline solution from the prosthesis squeezing the valve and the inflatable parts at the same time.



Place a clamp on the tubing, avoiding the return of air back into the assembling.



Minimize the time the device is in open air. Plunge the assembling in antibiotics. The assembling is ready to be implanted.

PREPARATION OF THE RESERVOIR



- With the 60 ml syringe and the cylindrical needle, inject normal saline solution in the reservoir. Remove the air and the saline solution from the reservoir.
- Place a clamp on the tubing to avoid air returning in the reservoir.



- Plunge the reservoir in antibiotics. The reservoir is ready to be implanted.

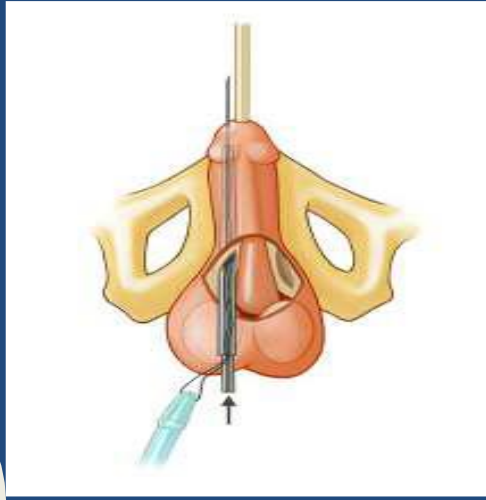
PREPARATION OF THE NEEDLE AND THE INTRODUCER



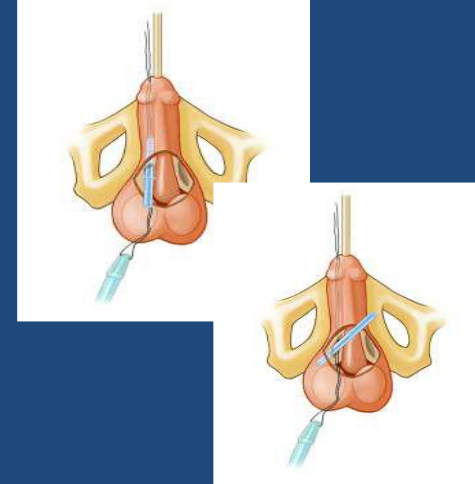
- Place the suture into the eye of the needle and go through the hole of the inflatable distal part.
- **Warning:** do not pierce the inflatable distal part.
- Remove the needle. Repeat the same procedure with the second inflatable cavernous distal part.



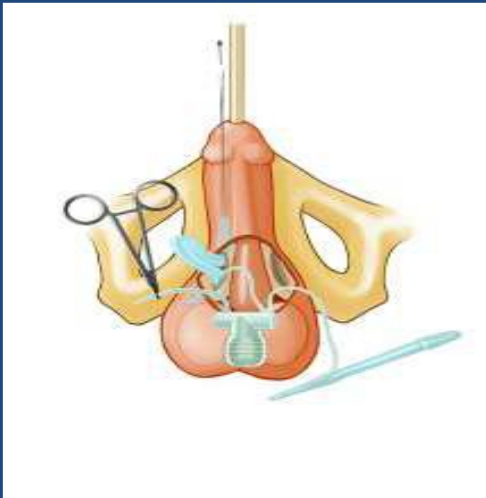
- Place the two ends of the thread into the eye of the needle.
- Introduce the bottom of the needle and the thread in the introducer. Push with the spatula to introduce the needle completely.



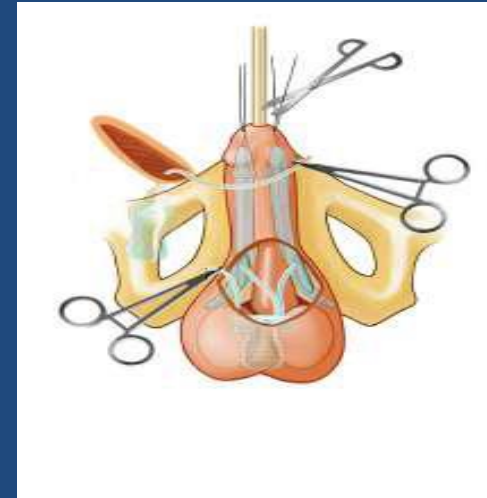
Place the introducer into the corpus cavernosum. Push the needle through the glans penis with the piston. Pull up the needle and remove the introducer



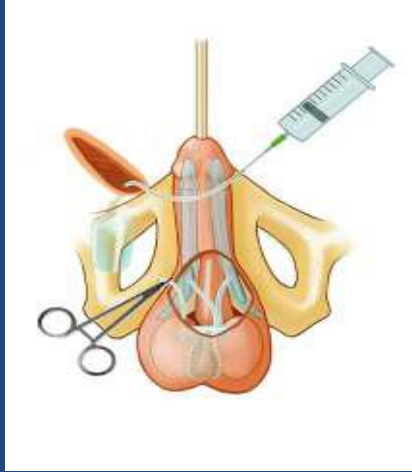
Inject local antibiotics in the distal and proximal part of the corpus cavernosum.



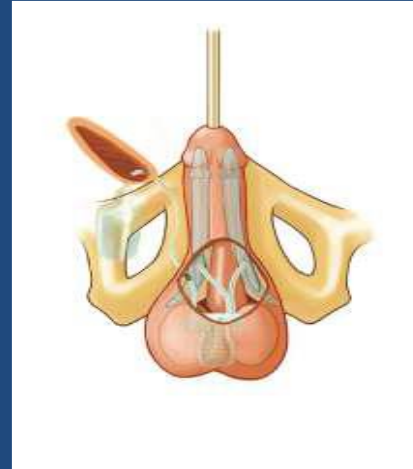
Introduce the prosthesis into the corpus cavernosum. First the proximal part, then the distal part.



Place the reservoir into the pelvis and the Pump into the scrotum. Cut the thread and remove them.

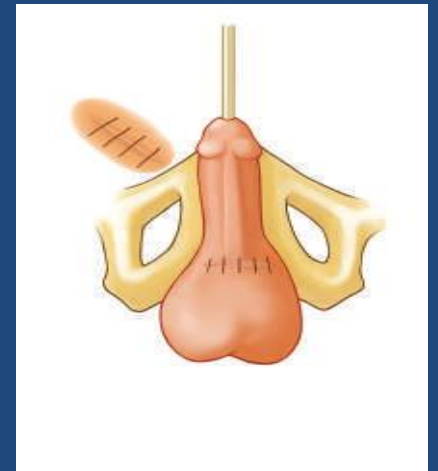


Fill the reservoir with a maximum of 80 ml.



Pass the armed tubing under the skin, through the passage. Connect the armed tubing together.

Close and remove the Foley catheter after 24 Hours.



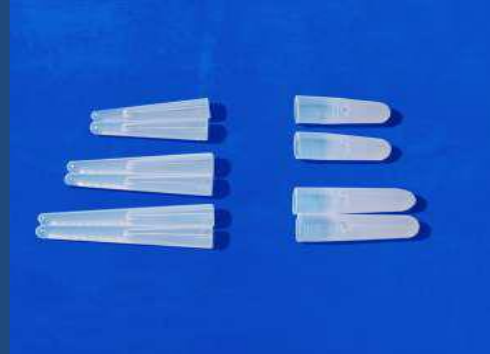
CHOOSE THE LENGTH OF THE CORPUS CAVERNOSUM PROSTHESIS



Three inflatable pairs of distal cavernous prosthesis are available. 13, 16 and 19 cm.

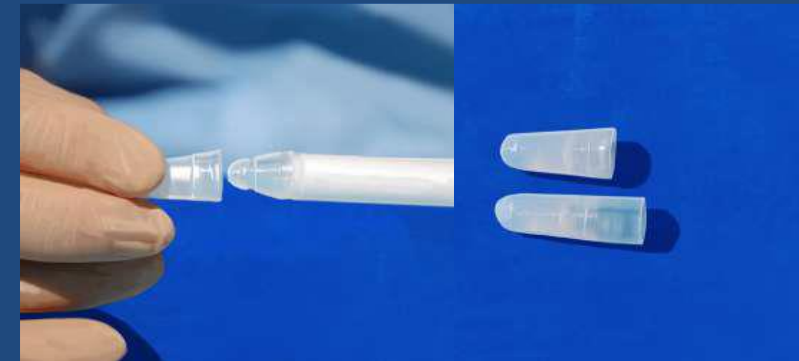


1 cm is required : cut 1 cm of the proximal part of the cavernous corpus prosthesis at the mark.



length, proximal and distal extensor are available.

Place the distal extensor, with the flap inside out, over the top the inflatable part. Soak the extensor and the inflatable part to ease the connection.



CONNECTION OF THE ARMED TUBINGS



Connect the armed tubing with the connector.



With your finger, push the connector, to secure the connection.

The reservoir is connected with the pump.



THANKS FOR YOUR
ATTENTION

THE END

