

# ZSI 475 3 COMPONENT INFLATABLE PENILE IMPLANT

The Added Value of the ZSI 475 Compared to other Penile Implants



## ZSI 475 ADDED VALUE

The ZSI 475 is an inflatable penile implant made of three components: the Reservoir, the Pump and a pair of inflatable Prosthesis.

## GENERAL

- All Standard sizes come in one box.
- Large diameter.
- PVP coating to fight against infection.
- All components are 100% biocompatibles.

## IN THE OR

Reduced time of kit preparation: Only one box instead of a dozen boxes with other Penile Implants.

- Easy preparation of the ZSI 475.
- All Penile Implant components and sizes are provided in the box without any extra cost.
- All accessories for implantation are provided in the box / except dilators.

## FOR THE HOSPITAL

Simple logistic:

- Only one box to order instead of a dozen of boxes for other Penile Implants.
- Only one reference instead of a dozen of references.
- Nothing to send back after surgery.
- One box supplies all. No risk of expiring stocks from half used sets.
- No risk of missing box or components as all come in one box.
- No risk of losing components as all comes in one box.

## FOR THE PATIENT

- Larger diameter size when inflated.
- Strong resistance of inflated cylinders if any compression or torsion occurs to provide optimal support during intercourse.
- Comfortable, soft and silent when deflated. Does not sound like plastic when deflated. It makes no noise when inflating or deflating.

## ADVANTAGES OF THE PROSTHESIS ZSI 475

### HIGH QUALITY OF RAW MATERIALS USED:

Large Diameter.

All components are 100% biocompatibles.

Silicone is from NUSIL (USA).

### CAVERNOUS PROSTHESIS:

Made in three layers with artery prosthesis tissue:

- Reducing risk of piercing the inner layer.
- Resisting multiple folding.
- Resisting to strong pressure (blowing resistance >3.3 bar).
- Bigger penis when implanted.
- Better rigidity.
- Low risk of buckling.

#### LARGE DIAMETER OF THE DISTAL PARTS CAVERNOUS CORPUS

Length	13 cm	16 cm	19 cm
When Inflated Ø	16 mm	16 cm	18 mm
Ø RING	12.5 mm	12.5 mm	14 mm

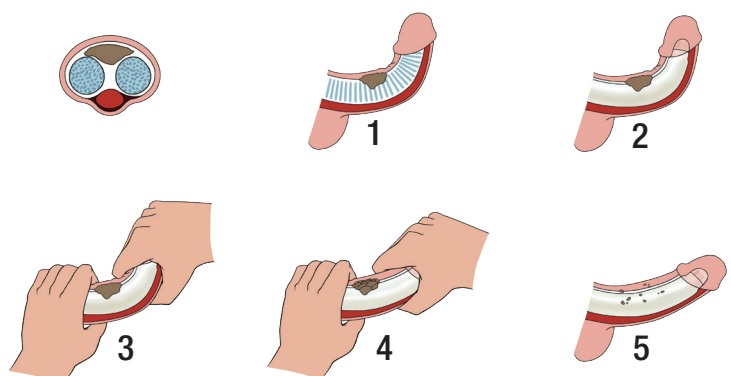
#### BIG SIZE (separated box)

Length	22 cm
When Inflated Ø	21 mm
Ø RING	14 mm



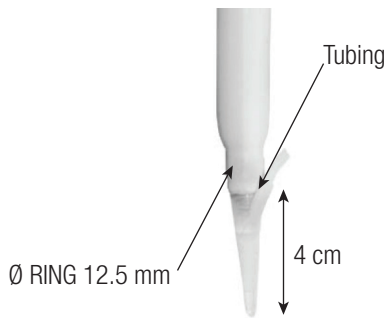
External tube: Silicon MED  
Fabric: Polyester biocompatible  
Internal tube: Silicon MED

ZSI 475 is a suitable implant to treat Peyronie's Disease among others.



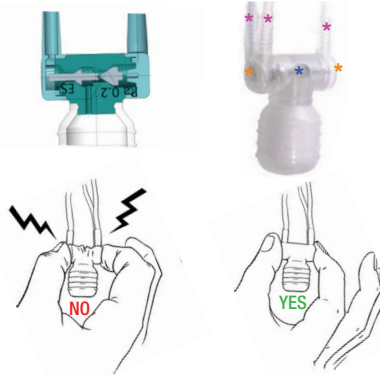
## PROXIMAL PARTS

- Narrow proximal parts to ease the insertion in the corpus cavernosum.
- Tubing exit flexible to go from 30° to 0° (when tubing exit is trapped in the corpus cavernosum).
- Tubing exit is at 4 cm from the extremity of the proximal part, reducing the risk of erosion.
- Possible to cut 1 cm to go from 13 cm to 12 cm to fit smaller penis.
- Proximal part and Pump come connected: low risk of leakage.



## PUMP

- Standard size, easy design, easy to find in the scrotum.
- Simple mechanism used for 40 years with success.
- Soft pressure on the valves to deflate the inflatable prosthesis. \*
- Reinforced valve to decrease risk of spontaneous erection. \*
- Prolonged tubing exit to reduce risk of broken tubing and early leakage. \*



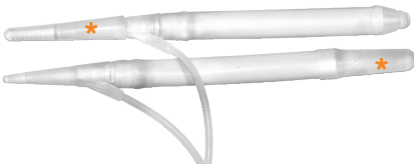
## ALL THE SIZES IN THE BOX

- Kit provides mending possibilities to ease implantation.
- If any sizing mistake is made, the Urologist can replace the cylinder with a suitable cylinder.
  - If by accident a cylinder is damaged during implantation or dirtied, the urologist can rebuild the same implant size by using other cylinder sizes and extensors.



## EXTENSORS

- Proximal or distal extensors can be used. \*
- The only Penile Implant device with distal extensors that can help building a device according to real anatomy of the patient.



## RESERVOIR

- Capacity of 80ml and 100ml for big size Penile Implant (special box).
- Made of flexible silicone to absorb unexpected strong pelvic pressure, ideal flexibility for easy entry and reduction of risk of a spontaneous erection.



## CONNECTORS

- Only one connection between reservoir and pump to reduce risk of leakage.
- Of easy use, no tools needed, no risk of missing tools or need of sterilization.
- Safe.



## COATING OF THE PROSTHESIS

- ZSI 475 is coated with PVP (Polyvinylpyrrolidone). It is a bactericide and it absorbs antibiotics easily to fight against infection.
- Surgeons can choose antibiotics regarding microbes of their area.

## ACCESSORIES

### Needles

- ZSI 475 needle has a regular needle.
- Two types of filling needles are available for the surgeons to choose the one that fits best: white Luer-lock or conical pink.



### Spatula

- Made from the Mechanical Metal 316L, it is rigid enough for a secure suturing (the cylinders are protected from needle perforation).



### Ruler

- In case no Furlow measurer is available in the theatre room, ZSI provides a simple one in the box. It is equipped at its top with a pierced silicone cup to trap the needle and ease its introduction in the corpus cavernosum.

### Plastic Tube provided in the box to protect clamps.

**Note:** The prosthesis is unaffected by MRI scans.