

**OPTION: PRESSURE ADJUSTMENT WITH PRESSURE SENSOR**

In the 40 year history of Artificial Urinary Sphincters, few studies investigated Cuff issued pressure in vivo. Main data were provided by manufacturers based on their laboratory testing and considered definitive without further investigations.

The ZSI 375 option of using a Pressure Sensor is opening a new field of investigation for all urologists involved in incontinence research and Artificial Urinary Sphincters.

Adjustment can be done during implantation of ZSI 375 or during ZSI 375 life time through the scrotum.

The ZSI 375 and its Pressure Sensor enables pressure delivery from zero to more than 120 cm/H2O.

**THE ZSI 375 IS SUPPLIED WITH A STANDARD ISSUED PRESSURE, WHICH CAN ALSO BE CHANGED TO MEET PATIENTS' INDIVIDUAL REQUIREMENTS**

**More information in the ZSI 375 MANUAL**  
**[www.zsimplants.ch](http://www.zsimplants.ch)**

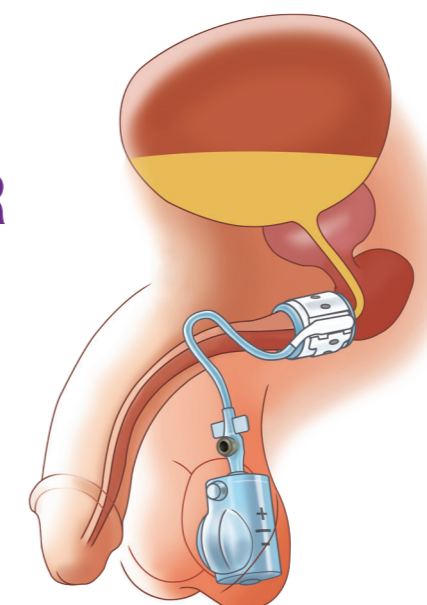
<https://www.zsimplants.ch/en/products-en/incontinence/zsi-375-en/urologist-downloads>



'Let every man judge according to his own standards, by what he has himself read, not by what others tell him.'  
Albert Einstein (1949) *The World As I See It*

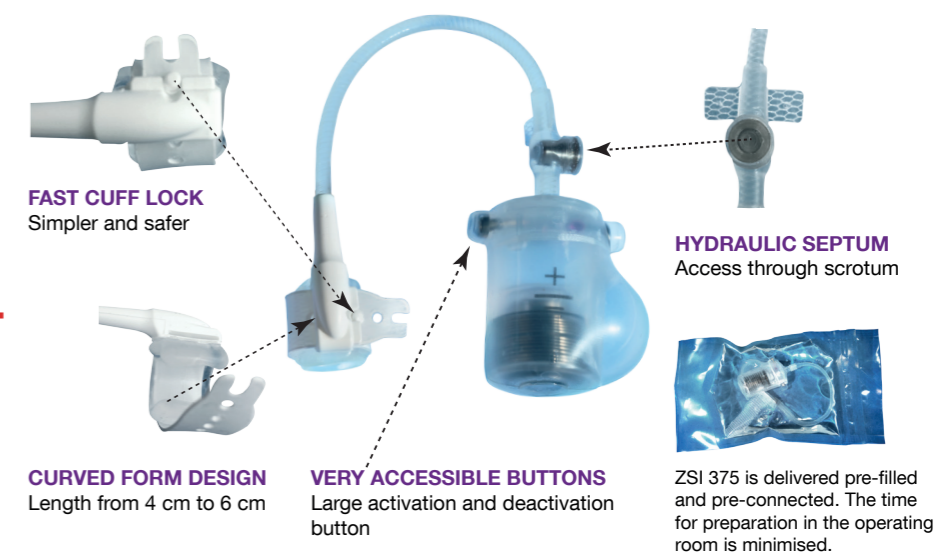


**ARTIFICIAL URINARY SPHINCTER ZSI 375**



**GERMANY:  
>50 CENTRES  
IMPLANTING  
ZSI 375**

**PRE-CONNECTED  
PRE-FILLED  
EASY TO IMPLANT  
EASY TO USE**



## ZSI 375 HISTORY

10 YEARS  
ANNIVERSARY  
2007-2017



### 2007 Prototype

### 2009 First generation of implant



- 2 components / Pre-connected / Adjustable
- Adjustable Cuff to fit all patients' urethra
- Cuff designed in a curved form
- Cuff size from 3.75 to 5.5 cm circumference
- Minimally invasive
- Radio opaque mechanism

### 2011 Second generation of implant



- 2 components / Pre-connected / Adjustable
- Adjustable Cuff to fit all patients' urethra
- Cuff designed in a curved form
- Cuff size from 3.75 to 5.5 cm circumference
- Minimally invasive
- Radio opaque mechanism

#### ADDITIONAL FEATURE

- **Bigger Activation-Deactivation Buttons**
- **Addition of Wings to avoid rotation**

### 2015 Third generation of implant



- 2 components / Pre-connected / Adjustable
- Adjustable Cuff to fit all patients' urethra
- Cuff designed in a curved form
- Cuff size from 3.75 to 5.5 cm circumference
- Minimally invasive
- Radio opaque mechanism
- Bigger Activation-Deactivation Buttons
- Addition of Wings to avoid rotation

#### ADDITIONAL FEATURE

- **Pre-filled**



### 2017 Fourth generation of implant



- 2 components / Pre-connected / Adjustable
- Adjustable Cuff to fit all patients' urethra
- Cuff designed in a curved form
- Minimally invasive
- Radio opaque mechanism
- Bigger Activation-Deactivation Buttons
- Addition of Wings to avoid rotation
- Pre-filled

#### ADDITIONAL FEATURE

- **Cuff size from 4 to 6 cm circumference**
- **Fast closure of the Cuff with buttons**
- **Temporary Tap Extensor for easy Cuff implantation**
- **All adjustments from scrotum, thanks to new Septum position**
- **Pressure adjustment controlled with a Pressure Sensor if needed**



★ Pre-connected and Pre-filled at manufacture and all functions fully tested for 48h before delivery

## PUBLICATIONS

ALL PUBLICATIONS ARE AVAILABLE AT

<https://www.zsimplants.ch/en/products-en/incontinence/zsi-375-en/publications>

You are welcome to regularly visit our website to read our latest publications, posters, articles. All are OPEN ACCESS.

First publication presented in 2012. Including learning curve period. (FRANCE)

First publication about Artificial Urinary Sphincters, Cuff pressure after insertion and Activation. (FRANCE)

First Multicenter publication including learning curve period. (INTERNATIONAL)

First implantations follow-up report including learning curve period. (FRANCE - GERMANY)

First Latin American publication including learning curve period. (COLOMBIA)



DIRECT ACCESS



### BJUI ZSI 375 artificial urinary sphincter for male urinary incontinence: a preliminary study

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ORIGINAL RESEARCH ARTICLE



### Comparative study of urodynamic tests after AMS 800 and ZSI 375 insertion

Thomas Ripert, Jean Pierrelveclin

Polyclinique de Courlancy, Reims - France

UJ

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REVIEW



### Multicentre experience with ZSI 375 artificial urinary sphincter for the treatment of stress urinary incontinence in men

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REVIEW



### Urinary artificial sphincter ZSI 375 for treatment of stress urinary incontinence in men: 5 and 7 years follow-up report

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EMJ EUROPEAN  
MEDICAL JOURNAL  
EUROPEAN MEDICAL JOURNAL

**EFFICACY OF THE ARTIFICIAL URINARY SPHINCTER ZSI 375 FOR TREATMENT OF POST-RADICAL PROSTATECTOMY INCONTINENCE IN PATIENTS WITH INTRINSIC SPHINCTER DEFICIENCY: A PRELIMINARY STUDY**

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