

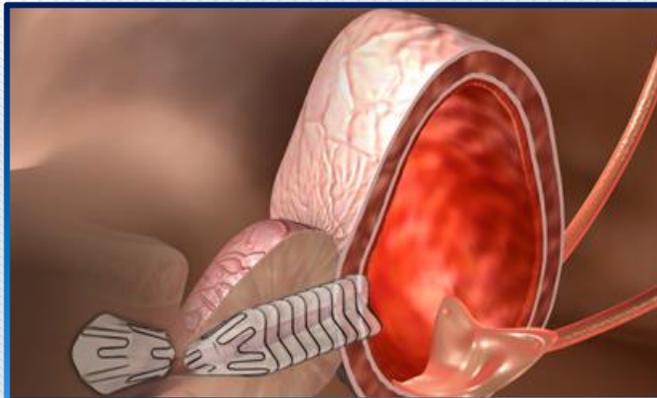
# Allium Stents

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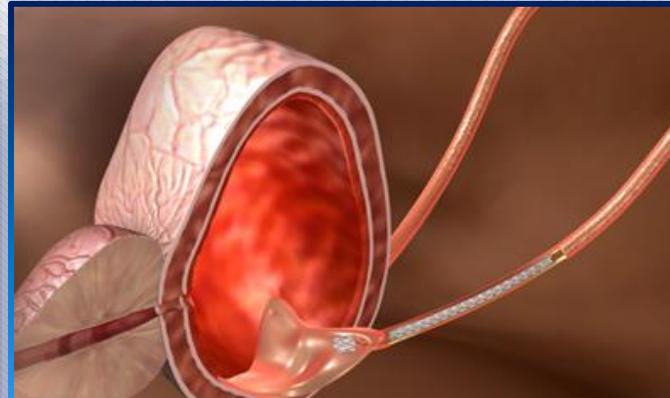


**Allium**  
Urological Solutions

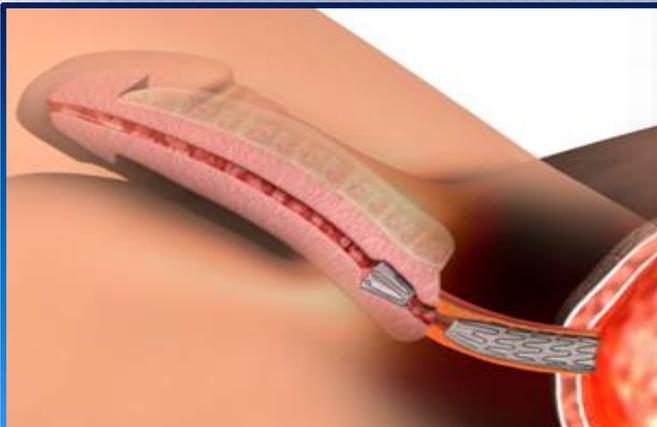
# One stop shop for urinary tract stenosis



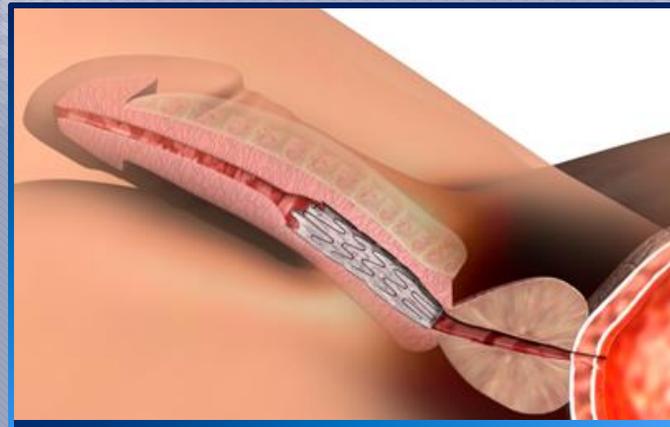
TPS – Prostate Stent



URS – Ureter Stent



RPS – Bladder Neck Stent



BUS – Bulbar Stent

# Clinical Benefits



## Safety

### Prevent Ingrowth & reduce encrustation and hyperplasia

- Fully covered embedded nitinol in proprietary polymeric coating
- Designed to prevent tissue in-growth
- Reduced encrustation, stone formation and calcification

### Easy & safe Placement & Removal

- Simple placement, self-expandable
- Easy insertion under vision and/or fluoroscopy for accurate positioning.
- Stent usually slides out but or unravels .



## Clinical Superiority

### 3 Years Indwelling

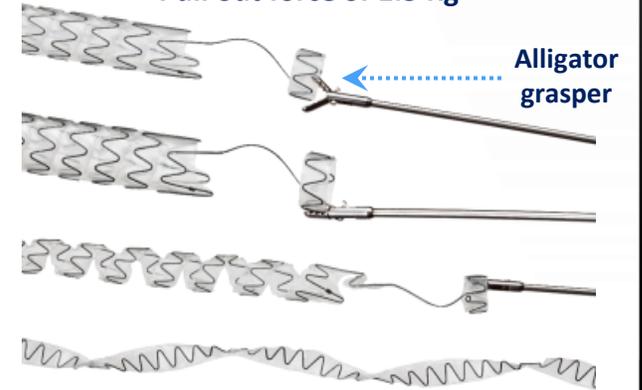
- Improved quality of life, intended for a long indwelling period
- Cost effective , eliminates the need for recurrent procedures

### Patient Comfort

- Extremely flexible to ensure minimal irritation
- Maximum patient comfort

## Unraveling Mechanism

Pull out force of 1.5 Kg



# Global Presence and Regulation

- CE
- AMAR Israel
- TGA Australia
- Russia
- Argentina
- Mexico
- Taiwan
- Vietnam



- Korea
- China



- INVISA (Brazil)
- PMDA Japan



-  Sales in more than 40 countries around the globe
-  Improving quality of life for over a decade



# Proven Clinical Results

## TPS Study

### Allium™ TPS A New Prostatic Stent for the Treatment of Patients with BPO

- 51 patients
- No stent migration
- No stent occlusion
- Symptom improvement measured by IPSS (7.7 vs. 26.4)
- All stents were successfully implanted in all patients

## URS Study

### A New Self-Expanding, Large-Caliber Ureteral Stent: Results of a Multicenter Experience

- 40 patients ( 47 Ureters)
- Low migration
- Only one stent occluded.
- Up to 63 months indwelling time
- Stent can be easily removed
- All stents were successfully implanted with low rate of migration and with high long-term efficiency.

## BUS Study

### Management of recurrent bulbar urethral stricture a 54 patients study with Allium Bulbar Urethral Stent

- 54 patients
- Low migration rate
- lack of stent encrustation.
- Ease of removal make it an excellent solution for the treatment of bulbar strictures.

## URS Study

### Multicenter experience with allium ureteral stent for the treatment of ureteral stricture and fistula

- 92 patients (107 Ureters)
- Low migration rate
- Less than 1 % Stent Obstruction
- Mean indwelling time = 27 months
- Stent can be easily removed
- The use of Allium ureter stents is feasible safe and effective

- Joerg Niemeyer, Retrospective study on Safety and Performance of Allium URS-Study project ( fistula) -in process.
- F. De Marco, "The first 100 cases with Allium Ureteral Stent in the management of ureteral disorders", INI Grottaferrata and University La Sapienza Rome-in process.

1. Guner Yildiz, MD,1,\* Zaher Bahouth, MD,2,\* Sarel Halachmi, MD,2 Gil Meyer, MD,2 Ofer Nativ, MD,2 and Boaz Moskovitz, MD2. Allium™ TPS—A New Prostatic Stent for the Treatment of Patients with Benign Prostatic Obstruction: The First Report. JOURNAL OF ENDOUROLOGY Volume XX, Number XX, XXXXX 2015. Mary Ann Liebert, Inc. Pp. -----DOI: 10.1089/end.2015.0593. .
2. B. Moskovitz, S. Halachmi and O. Nativ, "A New Self-Expanding, Large-Caliber Ureteral Stent: Results of a Multicenter Experience," JOURNAL OF ENDOUROLOGY, vol. 26, no. 11, pp. 1523-1527, November 2012.
3. Melih Culha1\*, Unsal Ozkuvanci2\*, Seyfettin Ciftci1\*, Ali Saribacak3\*, Murat Ustuner1\*, Ufuk Yavuz1\*, Hasan Yilmaz1\*, Levend Ozkan1\* Management of recurrent bulbar urethral stricture-a 54 patients study with Allium bulbar urethral stent (BUS) Int J Clin Exp Med 2014;7(10):3415-3419 www.ijcem.com /ISSN:1940-5901/IJCEM0001834
4. B. Z, M. G, H. S, N. O and M. B, "Multicenter experience with allium ureteral stent for the treatment of ureteral stricture and fistula," Harefuah, vol. 154, no. 12, pp. 753-756, December 2015

# Doctors Recommend



I have placed hundreds of Allium stents and found them to be the best stents in the market. Allium stents are easy to insert and remove, function effectively even after 3 years.

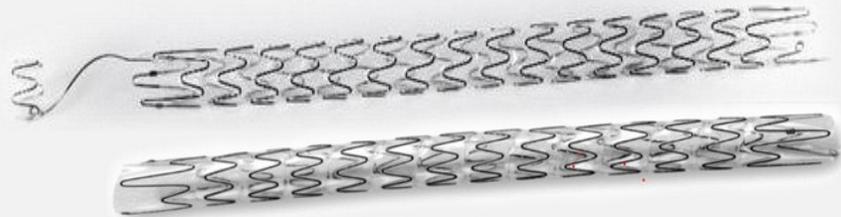
*Dr. Joerg Neymeyer, Chair, Section of Urogynecology, Charite Hospital, Medical University of Berlin*



## Among Allium Global Users

Dr. Joerg Neymeyer	Germany	Charite University Clinic
Dr. Joachim Alefelder	Germany	Bad Langesalze
Dr. Roberto Galdini	Italy	Rome+Milan
Dr. Ferdinando De Marco	Italy	Rome INI clinic
Dr. Boaz Moskovitz	Israel	Bnei Zion
Dr. Jean Emile Quazza	France	Bizzet private clinic a Aris
Prof. Paparel	France	Lyon
Dr. Jorge Rioja	Spain	University clinic hospital Zaragoza
Prof. Du Geon Moon	S Korea	Korea University Guro hospital
Prof. Hu Hao Wang	China	First Hospital Beijing
Dr. Enrique Broseta	Spain	La Fe Hospital
Dr. Yoram Dekel	Israel	Carmel Hospital
Dr. Matt Shaw	UK	Newcastel University hospital
Dr. Karl Seitz	Austria	AKH hospital Viena
Dr. Bernardo Norberto	Argentina	José de San Martín

# URS Stent



The best choice for ureteral stenosis



## Clinical Benefits

Reduced encrustation  
Calcification & stone formation  
very low migration



## Proven Safety

Safe and easy deployment and stent removal



## Simple Procedure

CE approved



## Improved Quality of Life

High patient comfort prevents the need for recurrent procedures



## Immediate Relief of Symptoms

Minimally invasive short time procedure



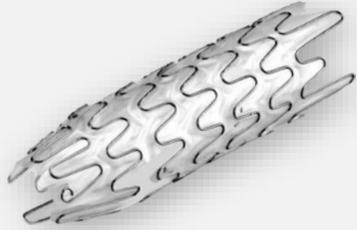
## Bloodless & Painless

Immediate return to daily routine  
Full Patency- not drainage

## Indications:

Intrinsic and extrinsic Ureteral Stenosis (Inc. UPJ & UVJ) ,chronical strictures in Ureter ( chronic Double-J),Ileal conduit and ileal neobladder strictures, ureteral fistula and bridging - in process

# BUS Stent



Uniquely designed anatomical stent for Bulbar Urethra Strictures



Smart alternative to Bulbarplasty



## Clinical Benefits

Easy insertion and removal  
High patency  
The only stent with  
3 Years CE approved  
indwelling time



## Proven Safety

Safe and easy  
deployment and  
Stent removal



## Simple Procedure

Short time procedure  
hospital and outpatient  
clinic settings



## Improved Quality of Life

Preserves sexual  
functionality, Enables  
Functionality of sphincter



## Immediate Relief of Symptoms

Immediate return  
to daily life  
Comfortable for  
Patient



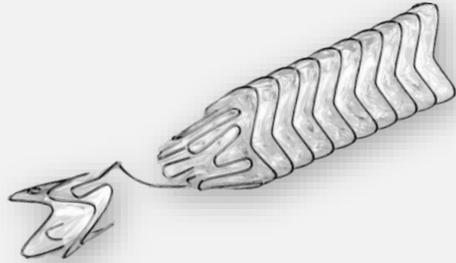
## Bloodless & Painless

Smart minimally  
invasive alternative  
or bridging to  
urethroplasty/bulbar

## Indications:

Bulbar urethra stenosis, alternative or bridging to urethroplasty, prevents recurrent urethrotomies

# TPS Stent



Uniquely designed Triangle stent for BPH patients



## Clinical Benefits

High patency  
The only stent with  
3 Years CE approved  
indwelling time



## Proven Safety

Safe and easy  
deployment and stent  
removal



## Simple Procedure

Short time procedure,  
hospital ,outpatient and  
private clinic



## Sexual function

Preserves sexual  
functionality



## Immediate Relief of Symptoms

Immediate return  
to daily routine  
relief of BPH  
symptoms



## Bloodless & Painless

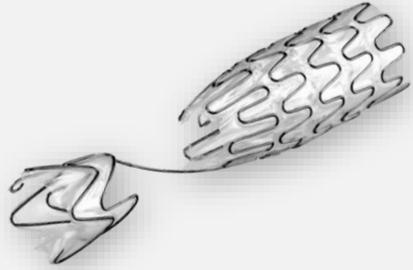
Smart minimally  
invasive alternative  
or bridging to  
surgery

## Indications:

BPH, bridge to surgery instead of catheter, for patients in high risk for surgery,  
tool for intra-operative consideration\*

A

# RPS Stent



**One of a kind Bladder Neck stent**



**Post Radical Prostatectomy or TURP**



## Clinical Benefits

Easy insertion and removal  
High patency  
The only stent with  
3 Years CE approved  
indwelling time



## Proven Safety

Easy insertion  
and removal



## Simple Procedure

Procedure performed  
in minutes  
hospital and  
outpatient clinic  
settings



## Improved Quality of Life

Allows proper  
functionality of  
sphincter ,preserves  
Sexual function



## Immediate Relief of Symptoms

Immediate return  
to daily routine



## Bloodless & Painless

Optimal solution  
after radical  
prostatectomy, TURP  
or laser surgery

## Indications:

Post TURP, laser or radical prostatectomy, Bridging for Artificial-Sphincter surgery

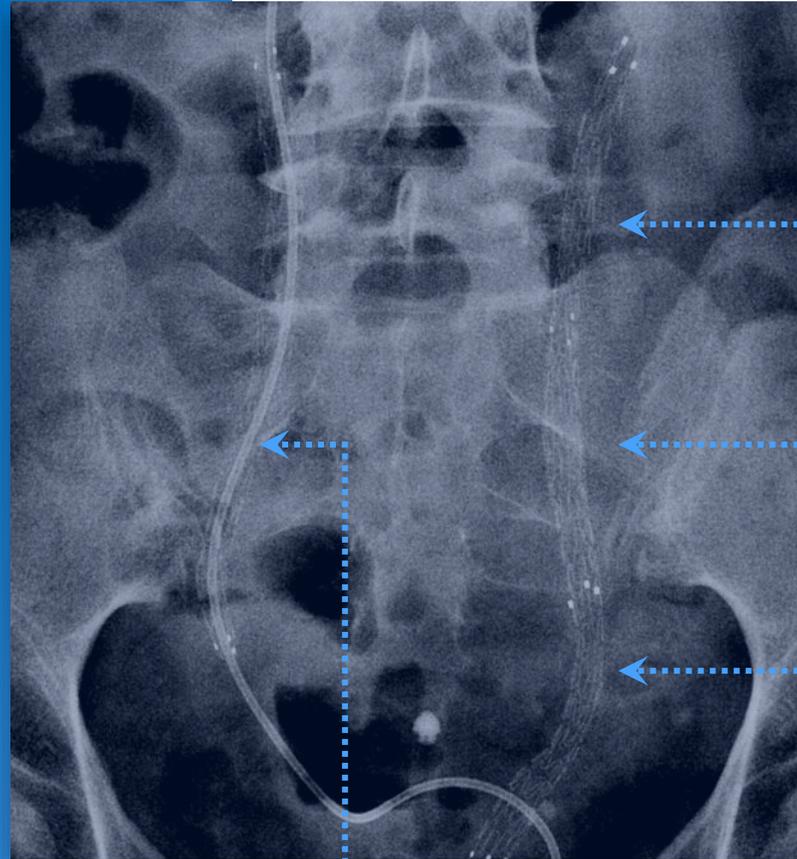


# Some samples of X-Ray

# Both-sided URS with anchors



# Consecutive stents vs. long one

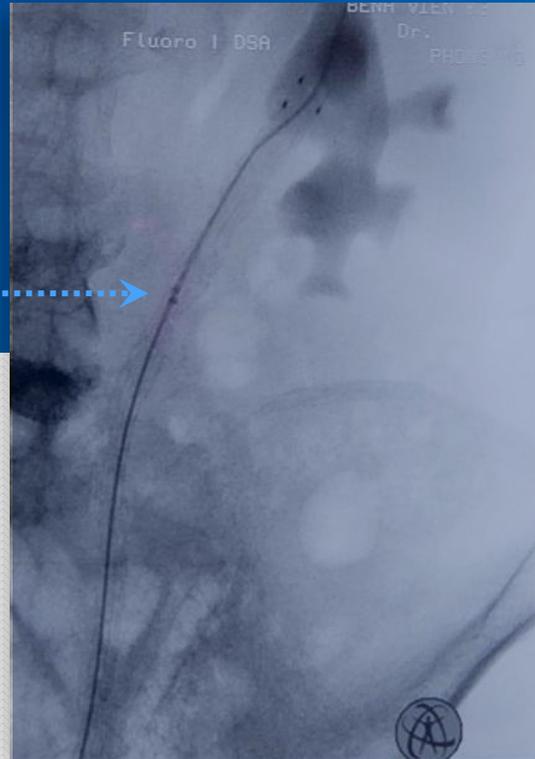


**3 consecutive  
Allium ureteral  
stents**

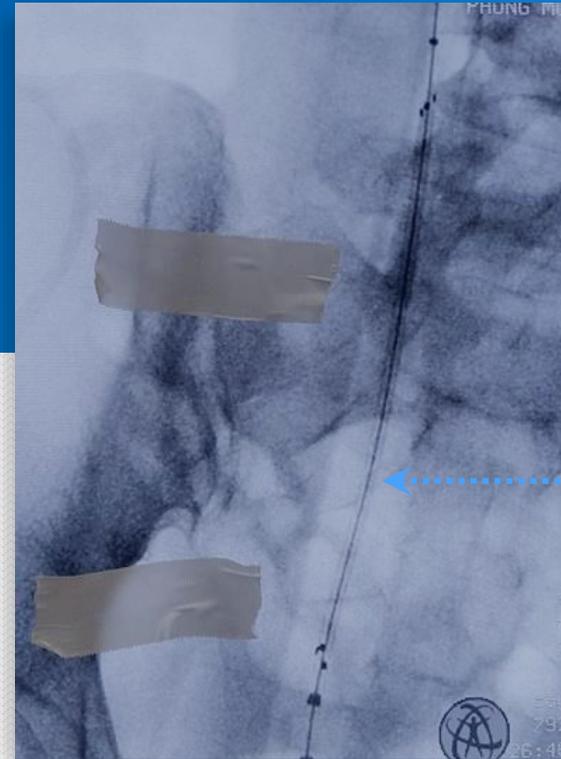
**ONE 200 mm/9 mm  
Stent for long stricture**

# 200 mm URS stent for long ureteric strictures

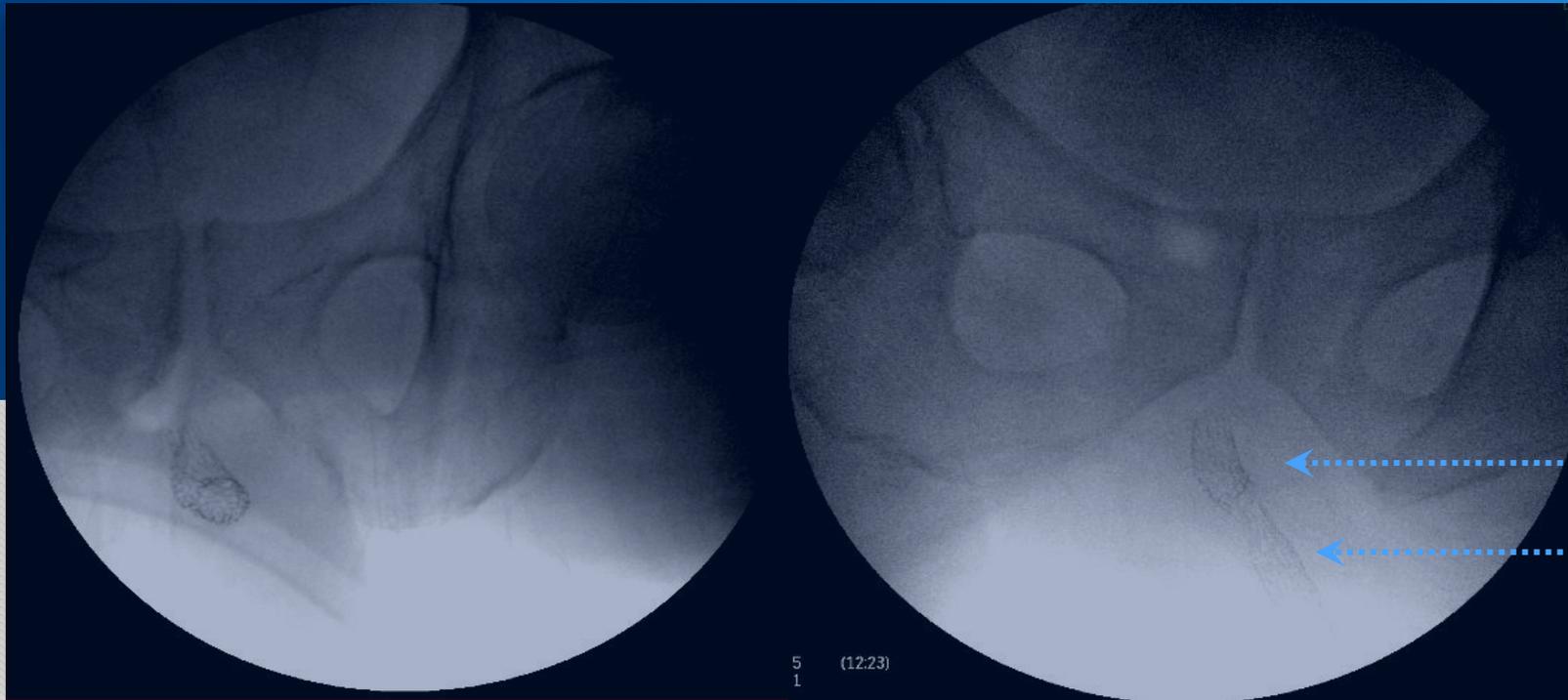
Removing the tip of  
delivery system  
after stent deployment



Stent crimped on  
delivery system

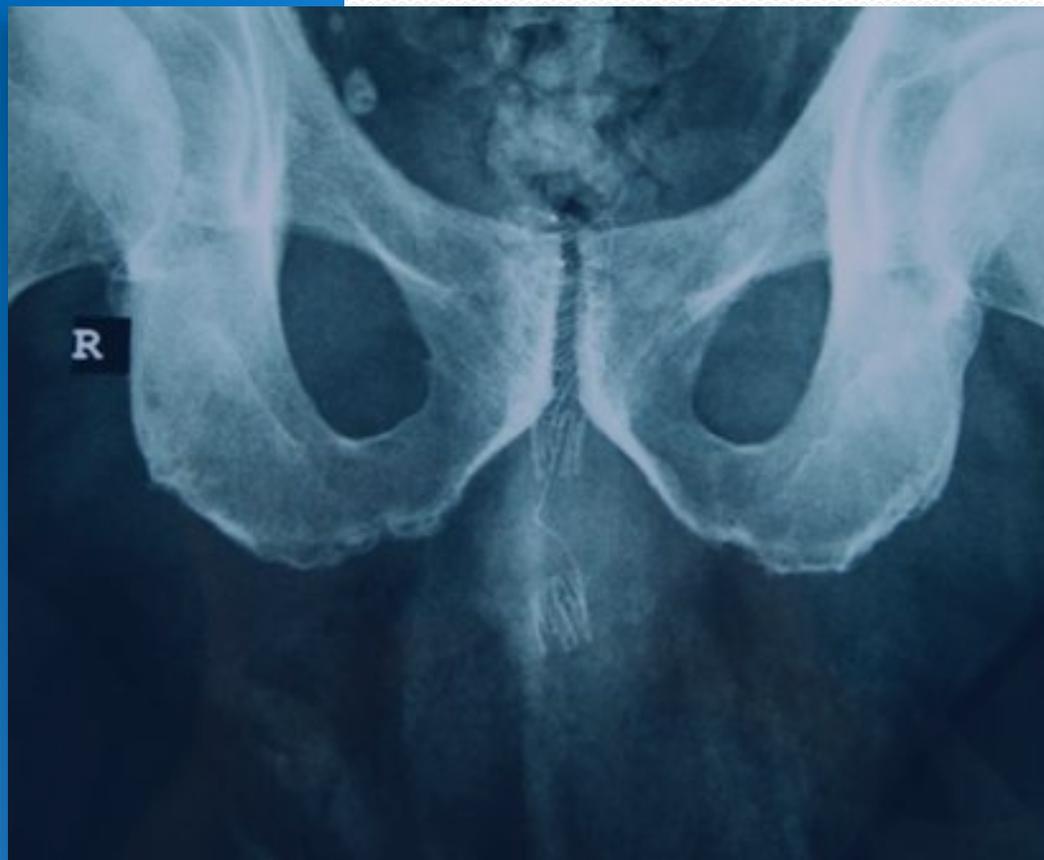


# Consecutive Allium BUS stents

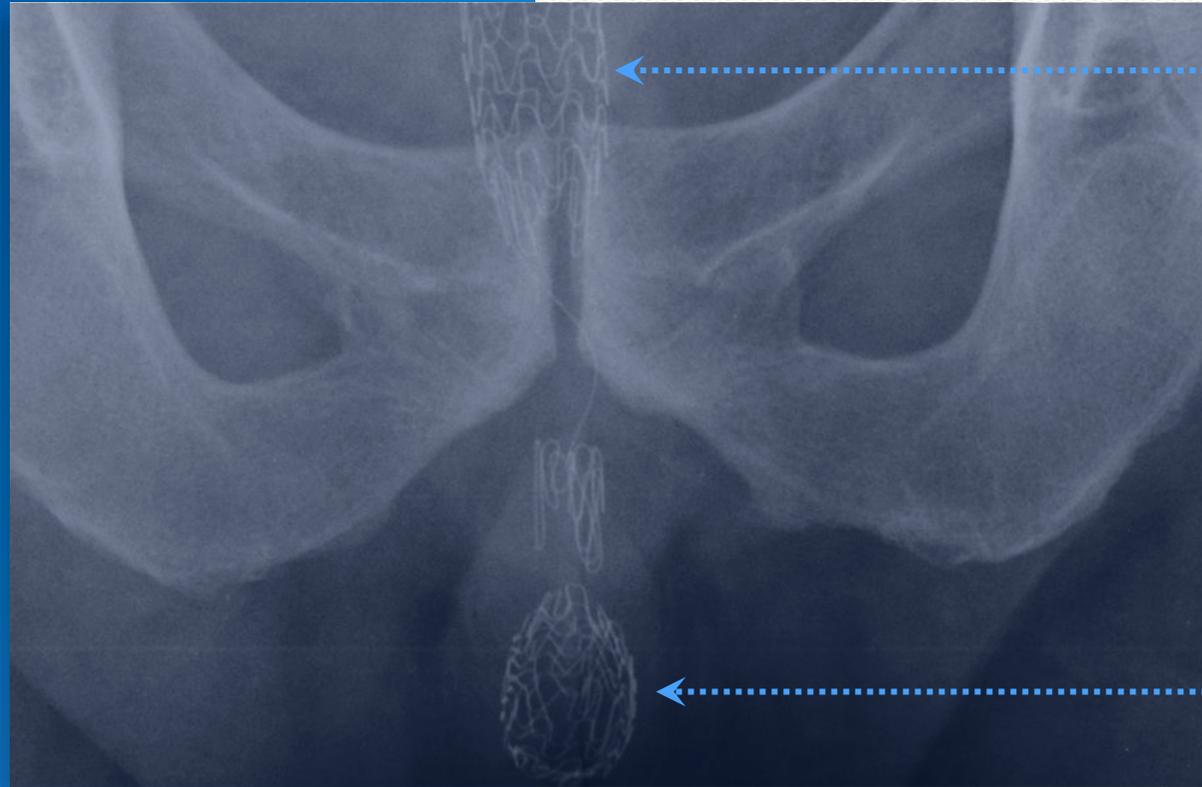


BUSX2

# TPS Allium stent



# RPS & BUS stents

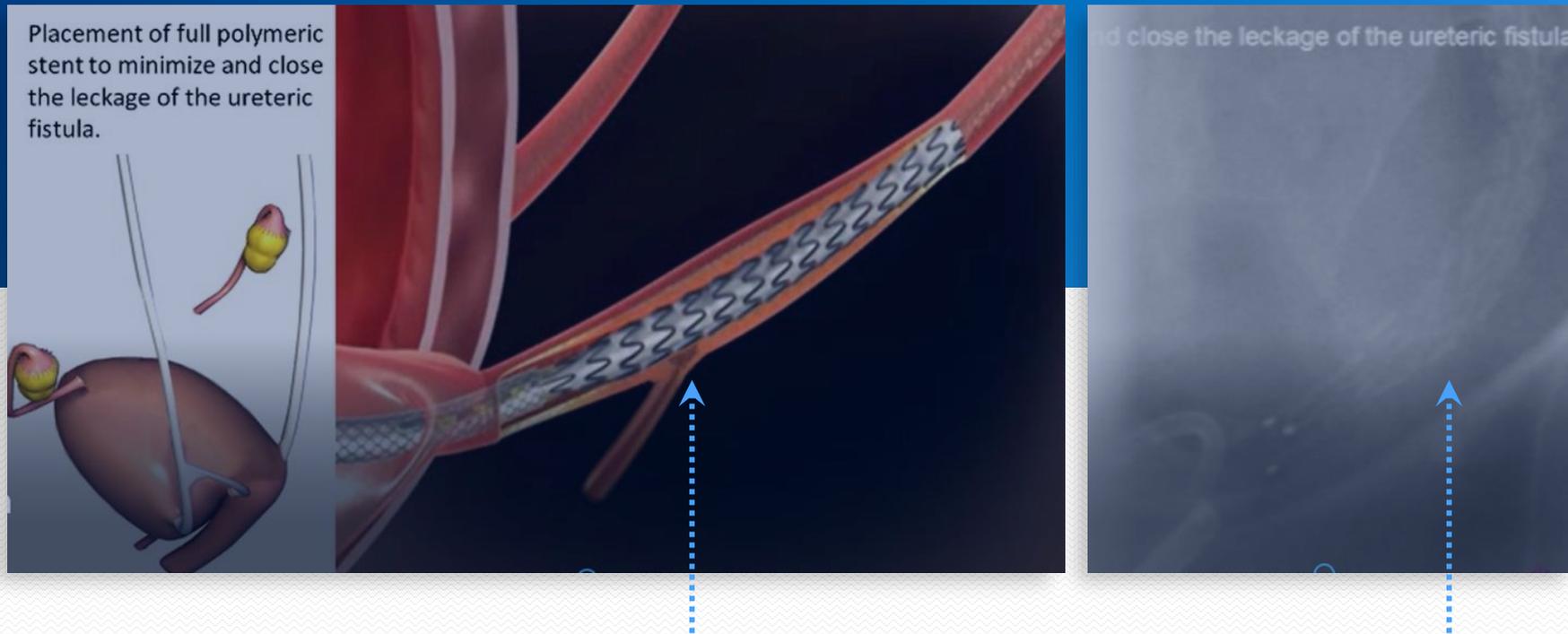


**RPS**  
**(Round Posterior**  
**Urethral stent)**

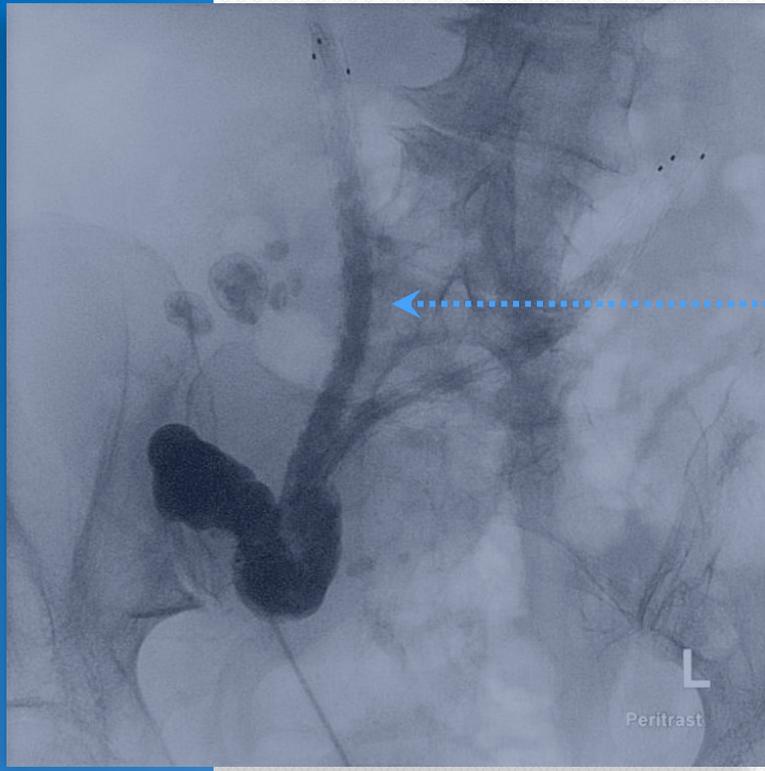
**BUS**  
**(Bulbar urethral**  
**stent)**

# Fistula closure with URS stent

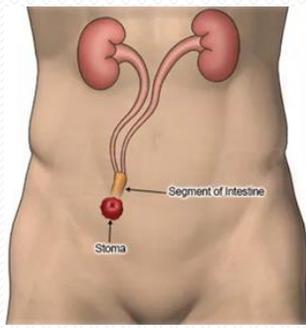
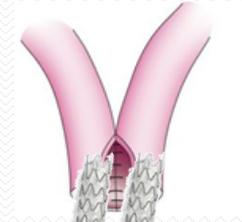
Dr. Joerg Neymeyer use of Allium's ureteral stent in a fistula case



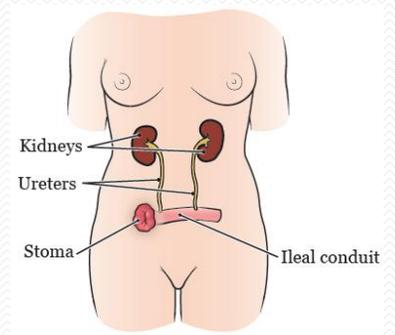
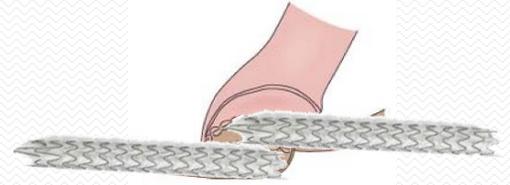
# Radical Cystectomy/ Ilium Conduit/ Hydronephrosis both sides



## Option A



## Option B





04-6277166



info@allium-medical.com



www.allium-medical.com



Allium medical



Allium Ltd.

# Thank You



**Allium**  
Urological Solutions