Allium Stents
One stop shop for urinary tract stenosis

TPS – Prostate Stent

RPS – Bladder Neck Stent

URS – Ureter 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

Alligator grasper

Improve quality of life, intended for a long indwelling period.

Cost effective, eliminates the need for recurrent procedures.

Maximum patient comfort.
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

Canada

Europe
- UK
- Germany
- Italy
- France
- Spain
- Denmark
- Sweden
- East Europe
- Holland
- Ukraine
- Austria

Russia

Asia
- Korea
- Vietnam
- Hong Kong
- Taiwan

Japan

Latin America
- Mexico
- Panama
- Colombia
- Chile
- Argentina
- Brazil

South Africa

Australia

India

China

Kazakhstan

UK

Europe

Russia

Asia

China

Japan

Latin America

South Africa

Australia

India

Canada
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

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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.
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

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

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**Indications:**

Intrinsic and extrinsic Ureteral Stenosis (Inc. UPJ & UVJ), chronic strictures in Ureter (chronical 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**

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**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

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**Indications:**
Bulbar urethra stenosis, alternative or bridging to urethroplasty, prevents recurrent urethrotomies
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,
- A tool for intra-operative consideration*

Allium Urological Solutions
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

ONE 200 mm/9 mm Stent for long stricture

3 consecutive Allium ureteral stents
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
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

Multicenter experience with Allium ureteral stent for the treatment of ureteral stricture fistula, Harefua 2015 Dec;154(12):753-6, 806
Radical Cystectomy/ Ilium Conduit/ Hydronephrosis both sides
Thank You