



# Desara<sup>®</sup> Blue SS

Sling for Female Stress Urinary Incontinence

Instructions For Use

**R** Prescription Use only

**2** Do not reuse

**STERILEEO** Sterilized using ethylene oxide

**M** Manufactured by:  
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10-139-04 Rev A

## Instructions for Use

**CAUTION:** Federal Law restricts use of this device to physicians trained in performing suburethral sling procedures for treating stress urinary incontinence.

**CAUTION:** Read all Information contained in this product label including, Indications, Contraindications, Warnings, Precautions, Adverse Reactions, Instructions for Use, etc., prior to using this product.

### Adverse Reactions

Potential adverse reactions are similar to those associated with other surgically implanted meshes. Adverse reactions include but are not limited to the following:

- Potential for infection, inflammation, adhesions, fistula formation, foreign body response, and mesh extrusion or erosion.
- Perforations or lacerations of vessels, nerves, bladder, urethra, bowel, and uterus may occur during passage of any needles and may require open surgical repair.
- Potential for hematoma, urinary incontinence, voiding dysfunction, pain, dyspareunia and wound dehiscence.
- As with all foreign bodies, Desara® Blue SS implants may potentiate an existing infection.
- Over-correction, i.e., too much tension applied to the mesh implant, may cause temporary or permanent lower urinary tract obstruction.

### Contraindications

- As with any suspension procedure, this device must not be implanted in patients while on anticoagulants, aspirin, non-steroidal anti-inflammatory agents, those with compromised immune systems or in those with bleeding disorders.
- This mesh will not stretch significantly; therefore, it must not be utilized in patients with future growth potential, including women with plans for future pregnancies or currently pregnant.
- Do not use this device for treatment of vaginal vault or pelvic organ prolapse.
- Do not use this device in contaminated wounds as subsequent infection may require removal of mesh.
- Do not use this device in patients with active or latent urinary tract infections, infections in the operative field, tissue necrosis or compromised tissue.
- Do not use this device with any pre-existing conditions in which the risk of complications outweighs the benefit of the procedure.

### Warnings

1. The reuse, reprocessing or resterilization of a single-use (SUD) device can potentially lead to injury, illness or death of a patient. Inadequate cleaning and disinfection may lead to cross-contamination (infection) of patient and/or user;

residuals from cleaning agents may lead to biological responses; impairment or failure of functional product use as the device may not function to its intended purpose; impairment or failure of product integrity as the device material may become fatigued and weakened. In addition, the reuse, reprocessing or resterilization of a single-use device can have ethical, legal and regulatory implications.

2. Polypropylene should not be placed in contact with bowel or visceral organs including the urinary bladder.
3. Please review surgical guide for further details before use. This guide is provided for reference only and is not intended to replace proper surgical technique. Before utilizing this product, the surgeon must be familiar with surgical techniques for incontinence procedures.
4. Caldera Medical implants are designed for, and should be used only with Caldera Medical Introducers and only under the direction or prescriptive requirement of a physician/surgeon.
5. Take special care in cases of bladder prolapse because of anatomical distortion. If the patient requires cystocele repair, it should be done prior to the Desara® Blue SS procedure.
6. Users should note the importance of placing the mesh tension free under the mid-urethra.
7. Bleeding may occur postoperatively as with any sling procedure. Observe for any symptoms or signs before the patient is released from the hospital.
8. Cystoscopy is recommended and may be performed at the discretion of the surgeon to confirm bladder integrity and to recognize any inadvertent bladder perforation.
9. As with all sling procedures, the patient should be counseled that future pregnancies may negate the effects of the surgical procedure and the patient may again become incontinent. The patient should also be counseled regarding the risks and benefits of the surgical procedure.
10. Do not place staples or clips directly on the mesh of Desara® Blue SS as mechanical damage to the mesh may occur.
11. This product must not be utilized in patients with known allergies to polypropylene.
12. To avoid suture breakage or patient injury upon implantation, if high level of resistance is encountered, withdraw sling and reattempt placement.
13. In the event that a suture breaks during mesh placement, **before** suture has passed through the external skin incision, remove sling and tie ends of suture together to form a loop. Re-attach suture to the instrument and resume procedure. In the event that suture breaks during mesh placement, **after** suture has exited the external skin incision, grasp ends of suture and pull device manually to complete placement. Visually inspect area to ensure that no suture material remains in operative site.
14. Before implanting this device, inspect quality of the mesh edge for any fraying prior to implantation. In the event that mesh edge is frayed, please discard and open new unit.
15. Post-operatively, the patient should be advised to rest for the first 24 to 48 hours. Further, the patient should be advised to refrain from heavy lifting and/or exercise for at least three to four weeks and from intercourse for one month and to report any problems to their physician. The patient can usually return to other normal activity after two weeks.

16. Mesh may need to be explanted in the event of infection, intractable pain, or extrusion. Complete removal of mesh may not be attainable and removal may not resolve any related complications and/or symptoms.

### **Product Traceability**

Traceability labels are enclosed with every prosthesis box, which identifies the type, size and lot number of the prosthesis. This label should be affixed to the patient's permanent medical record to clearly identify the device, which was implanted so patients can be notified in the event of a product recall.

### **Sterilization**

Desara<sup>®</sup> Blue SS implants are sterilized by ethylene oxide.

- Do not re-sterilize this product.
- Do not use if package is opened or damaged.
- Do not use after expiration date.

### **Packaging**

The sterile mesh is put in a sealed pouch. If the pouch is open or damaged do not use.

### **Storage**

This product must be stored at room temperature in a clean dry place.

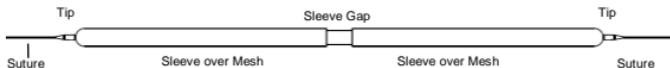
- Do not expose product to direct sunlight, humid environments or extreme temperatures.
- Do not use after the expiration date.

## Desara® Blue SS Guide for Use of Surgical Introducers

The following instruction is meant as a guideline only and does not replace proper surgical technique, clinical judgment and surgical training.

### Desara® Blue SS – Item #CAL-DS01BS Description

Monofilament polypropylene, warp knitted into a mesh.



### Indication

Desara® Blue SS are intended to be used in females to position a mesh for treatment of Genuine Stress Urinary Incontinence (SU), mixed incontinence resulting from urethral hypermobility or intrinsic sphincter deficiency.

### Preparation:

- Use appropriate local, spinal or general anesthesia
- Place the patient in lithotomy position
- Completely drain the bladder with a Foley catheter
- Optional – A rigid catheter guide may be used for retropubic approaches to shift the bladder position as an aid to avoid laceration or perforation of the bladder

### Vaginal Dissection:

- Local anesthetic may be used to anesthetize and hydrodissect the surgical site
- A midline longitudinal incision is made in the anterior wall of the vagina inferior to the mid-urethra.

### Surgical Implant Techniques:

#### A. Suprapubic Introducer (CAL-SP01)

1. A combination of appropriate sharp and blunt dissection is performed extending lateral to the urethra and toward the urogenital diaphragm and posterior surface of the pubis allowing the introducer tip to pass through the vaginal incision. This is performed bilaterally.
2. An area 1 cm above and 1-2 cm lateral to the midline of the pubis is marked with a sterile marking pen. This is performed bilaterally.
3. The subcutaneous tissue at these marks may be injected with local anesthetic.
4. Stab incisions are created over the marked areas.
5. The Suprapubic Introducer (CAL-SP01) is placed into the suprapubic incision.
6. The needle tip is placed straight through the Rectus fascia and Scarpa's fascia (this can be appreciated by two discernable pops).
7. The handle of the Suprapubic Introducer is moved cephalad, directing the tip of the introducer to the posterior surface of the pubis.

8. The introducer is advanced along the posterior surface of the pubis through the Space of Retzius and toward the ipsilateral vaginal paraurethral dissection. Maintenance of a position close to the pubis will reduce the risk of cystotomy and other adverse events.
9. Using fingertip palpation, guide the introducer through the ipsilateral urogenital diaphragm and vaginal dissection. Guidance of the introducer using fingertip palpation is recommended to avoid adverse events.
10. Repeat steps 5-9 on the contralateral side.
11. With both introducers in place, perform cystoscopy to rule out needle cystotomy or additional bladder/urethral injury.
12. Insert the suture loop from one side of the sling into the suture slot of one of the Suprapubic Introducers.
13. Guide the introducer and sling assembly through the vaginal incision and back out of the ipsilateral suprapubic skin incision.
14. Repeat step 13 on the contralateral side. Ensure the sling is not twisted with placement and lies completely flat under the urethra.
15. Remove the introducer from the suture loop.
16. Adjust sling position under the midurethra in a supportive but tension-free manner.
17. Cut the ends of the mesh assembly medial to the tip and suture connection system and remove the sheath ensuring stable suburethral sling position.
18. Trim the portion of the mesh that extends past the groin or suprapubic incisions just below the level of the skin.
19. Incisions are closed according to usual methods.

B. Transobturator Introducers - Outside In (CAL-HL04, CAL-HR05, CAL-TB03, CAL-LHL01, CAL-LHR02)

1. Blunt or sharp paraurethral dissection is used to develop the existing plane inferior to the endopelvic fascia.
2. Palpate the medial border of the transobturator foramen. Locate the base of the adductor longus tendon, at the level of the clitoris. At this location, just inferior to the tendon, and just lateral to the bone and away from the obturator vessels (anterior medical notch), make a stab incision. Repeat on the contralateral side. The surgeon may elect to infiltrate the site with local anesthetic prior to incision.
3. Sub-epithelial blunt or sharp paraurethral dissection is performed extending from the mid-urethral incision to the medial surface of the inferior pubic ramus and obturator internus muscle at the level of the anterior medial notch of the the obturator foramen.
4. Place the Helical, Hook, or Large Hook Transobturator introducer tip through the groin incision, perpendicular to the skin incision. The introducer handle should be held at a 45° angle from the introitus.
5. Insert the introducer straight through the skin incision until it perforates the transobturator membrane.
6. Using finger tip palpation, guide the tip of the introducer around the posterior surface of ischiopubic ramus and through the obturator internus until it exits into the vaginal incision lateral to the periurethral tissue. Maintain continuous finger palpation with the introducer tip passing close to the ischiopubic ramus to avoid any adverse events.

7. Repeat steps 3-5 on the contralateral side, placing both introducers in the retropubic space.
8. With both introducers in place, perform cystoscopy to rule out any bladder or urethral injuries.
9. Insert the suture loop from one side of the sling into the suture slot at the tip of the introducer. Guide the introducer back through the incision and out of the body, pulling the end of the mesh assembly through the skin. Make sure the mesh is lying flat under the urethra and is not twisted.
10. Remove the introducer from the suture loop.
11. Place the sling in a tension free manner under the mid urethra.
12. Cut off the ends of the mesh assembly medial to the tip and suture connection system and pull off the sheath ensuring the sling maintains its tension free suburethral position.
13. Trim the portion of the mesh that extends past the groin or suprapubic incisions just below the level of the skin.
14. Incisions are closed according to usual methods.

### **Post Operative Care:**

A catheter and vaginal packing can be used at the discretion of the surgeon.

For information on introducer care and handling, please refer to Caldera Medical's Guide for Cleaning, Sterilization and Storage of Reusable Introducers.

To learn more about Desara® Blue SS, other products for incontinence, product evaluations or training, contact Caldera Medical at 866.422.5337 or visit our website at [www.calderamedical.com](http://www.calderamedical.com).

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