

## Procedure for Canine Urinary Bladder Reconstruction Using ACell Vet<sup>®</sup> Scaffold


**Caution: Federal (USA) law restricts this device to sale by or on the order of a physician or properly licensed practitioner. This product is not for human use. These recommendations are designed to serve only as a general guideline. They are not intended to supersede institutional protocols or professional clinical judgment concerning patient care. Always read product IFU before use.**

### DEVICE DESCRIPTION

The ACell Vet Scaffold is derived from porcine urinary bladder. It is a naturally occurring extracellular matrix that maintains and supports a healing environment for wound management.

### INDICATIONS

The ACell Vet Scaffold is indicated for reconstruction of the bladder wall following surgical excision. This device is intended for one-time use only.

1. Aseptically prepare the site, rinsing thoroughly with sterile saline to remove any residues left from cleaning agents before applying the ACell Vet Scaffold.
2. Remove the ACell Vet Scaffold from the sterile packaging using standard aseptic/sterile technique. The device can be cut or sized at this time (it is recommended that the sheet be slightly larger than the area to be covered).
3. The ACell Vet Scaffold can be rehydrated by soaking in sterile saline for 2 to 3 minutes before being placed.
4. The ACell Vet sheet should be applied directly to the normal bladder wall with the basement membrane facing the bladder surface. The basement membrane is the smooth side. Placing the sheet on the bladder with the product tab on the left pointing up, puts the basement membrane in the proper position. 
5. The sheet is sutured with a simple continuous absorbable monofilament suture. A small taper point needle is used to avoid excess tearing of the ACell Vet material.
6. A foley catheter is then placed and the bladder should be partially distended with sterile saline. Exert mild pressure on the bladder to ensure that there are no leaks in the apposed areas.
7. If a leak occurs, insert a short continuous pattern in that area and over sew in a inverting suture pattern to close the leak. Once you are content that there are no leaks, close the abdomen in a routine manner.

### FOLLOW-UP CARE

The foley catheter should be removed after 24 hours to allow the bladder to expand and contract normally. Continue to observe the patient with a normal post-surgical regimen and monitor for normal urine output.

Note: Generalized care of the animal is still very important – good nutrition, control of underlying pathology, use of antibiotics, etc. The animal needs careful professional management.

General and wound care protocols must always be updated as progress is observed and should be under the direction of a qualified, experienced and licensed veterinarian. As with any medical procedure, no assurances or guarantees can be made regarding the outcome or long term results.