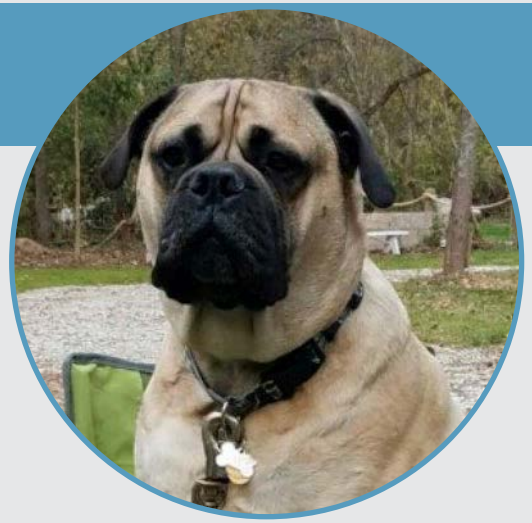


# ReCruit™ Topical

**POWDERED EXTRACELLULAR MATRIX**

| | |
|---|---|
| **SPECIES** | Canine |
| **BREED** | Mastiff |
| **AGE** | 4.5 years |
| **SEX** | Male (Neutered) |
| **INJURY** | Suspected brown recluse spider bite |
| **TREATMENT** | 8 applications of ReCruit Topical™ |
| **RESULTS** | **Complete wound closure** in 55 days |

CLINICAL EVALUATION

## Zook's case study

### The product was applied to what type of wound?

Zook initially presented with severe swelling at the left tarsal-metatarsal joint. At a recheck four days later, his prognosis was listed as "poor" due to infection. Amputation was discussed. Diagnosis is brown recluse spider bite.

### How was the wound prepared?

On 9/3/2020, necrotic tissue was debrided and flushed with Lactated Ringer's Solution, then cleansed with wound cleanser and covered with sterile gauze. Antibiotics continued. ReCruit treatments were initiated on 9/24/2020.

### How was the product applied?

A thin even layer was applied, covered with a non-adhesive bandage and wrapped.

### Were bandage changes needed?

Yes, ten

### How many applications of the product were needed?

8 applications at 3-7 day intervals

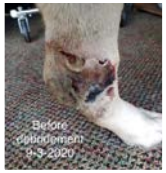
### Did the patient experience any complications due to the product?

Mucoid exudate led to a mild dermatitis adjacent to the wound. Successfully treated with antibiotic ointment.

### How did the product perform?

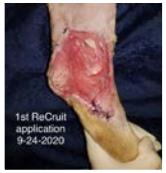
"Well, it was amazing to see progress with closing difficult wound edges." – Dr. Nayee

"Your product was an absolute life saver; Zook probably would have lost his leg without it. I'm forever grateful that it was used to save my fur baby." – Zook's Owner




**DAY (-21)**
9-03-20

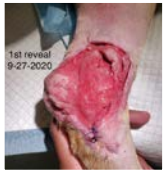
Significant necrosis of tissue with infection present (pus). The wound was debrided. Zook was placed on antibiotics. Bandage changes were performed on 1-2day intervals.




**DAY 0**
9-24-20

**1st** ReCruit™ application.

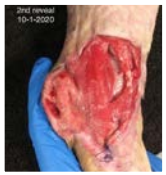
Three weeks later, ReCruit is first applied to the wound.




**DAY 3**
9-27-2020

**2nd** ReCruit™ application.

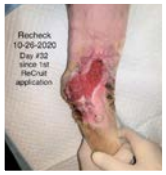
Bandage is removed revealing the 3day progress. ReCruit is reapplied and the leg is rebandaged.




**DAY 6**
10-01-2020

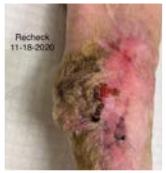
**3rd** ReCruit™ application.

Second reveal showing the 6day progress. ReCruit is reapplied and the leg is rebandaged.




**DAY 32**
10-26-2020

Fully granulated with remodeling underway.




**DAY 55**
11-18-2020

Complete healing with hair growth.

**To read other clinical evaluations visit:**

**CookAnimalHealth.com/ReCruit**

COOK® ANIMAL HEALTH

# ReCruit™ Topical

**POWDERED EXTRACELLULAR MATRIX**

| Order Number | Reference Part Number | Powder Weight | Quantity |
|---|---|---|---|
| G57456 | VET-PWD-T-1G | 1 gram per bottle | 1 bottle or box of 6 bottles |

## Ordering information

To establish an account with Cook Animal Health, visit our website cookanimalhealth.com, click on **Create Customer Account,** and follow the instructions. You can print the forms from that page. The text boxes are interactive so you can fill out page #2 and then print or print as is and write in the information.

## Cook Animal Health


501 N. Rogers St.
Suite A
Bloomington, Indiana
47404
CookAnimalHealth.com

**Phone:**
833.542.4963 opt.3

**Email:**
CAH.Orders@
CookAnimalHealth.com



## ReCruit™ Topical

**POWDERED EXTRACELLULAR MATRIX (ECM)**

Attention, see instructions for use | Use-by date | Keep dry | Temperature limit | Do not re-use | Sterilized using ethylene oxide (STERILE EO)

### DESCRIPTION

Recruit Topical is an advanced wound care device composed of powdered porcine collagen. ECM material is obtained from porcine small intestine in a manner that removes all cells, but leaves the naturally fibrous and porous matrix. The careful processing leaves intact the complex ECM, which provides a scaffold for cellular invasion, capillary ingrowth and maintains and supports a healing environment for wound management. Recruit Topical is provided sterile in bottles and is intended for one-time use.

### INTENDED USE

Recruit Topical is indicated for veterinary use in the management of wounds, including: partial and full-thickness wounds, pressure ulcers, chronic ulcers, tunneled, undermined wounds, surgical wounds (donor sites/grafts, post-Moh's surgery, post-laser surgery, distal limb/foot, wound dehiscence), trauma wounds (abrasions, lacerations, second-degree burns, and skin tears) and draining wounds.

**This product is intended for veterinary use only. This product is not intended for human use. This product is intended for companion animals only. This product is not for use in food producing animals.**

### CONTRAINDICATIONS

This device is derived from a porcine source and should not be used in patients with known sensitivity to porcine material.

### PRECAUTIONS

- This device has not been evaluated for use in third degree burns.
- This product is designed for single use only. Attempts to re-process, resterilize and/or reuse may lead to product failure and/or transmission of disease.
- Product is sterile if the pouch is dry, unopened and undamaged. Do not use if the pouch seal is broken.
- The product must be used prior to the expiration date.
- Discard product if mishandling has caused possible damage or contamination.
- The product should not be applied until excessive exudate, bleeding, acute swelling and infection is controlled.

**NOTE: For severe wounds or uncontrollable bleeding, consult a licensed veterinarian immediately.**

### POTENTIAL COMPLICATIONS

The following complications are possible in the management of wounds.

- Infection
- Chronic inflammation (initial application of product may be associated with transient, mild, localized inflammation.)
- Allergic reaction
- Excessive redness, pain, swelling or blistering

**If any of these conditions occur, consider discontinuing use of the product and consult a licensed veterinarian.**

### STORAGE

This product should be stored in a clean, dry location at room temperature.

### STERILIZATION

This product is provided sterile using ethylene oxide.

### INSTRUCTIONS FOR USE

Note: Always handle product using aseptic technique.
Required Materials:

- Sterile saline
- Wound dressing

**Wound Preparation**

1. Clean wound area to ensure wound is free of debris and dead or decaying tissue. Ensure wound has a grainy surface texture and wound edges contain viable tissue.
2. Flush wound to remove excessive exudate and control bleeding.
3. Rinse wound with sterile saline.

**Product Preparation**

1. Remove bottle and dispensing cap from pouch.
2. Remove seal from bottle neck and attach the dispensing cap.
3. Remove red spout tip and trim spout with scissors to achieve desired opening for dispensing product.
4. Replace red spout tip until ready to use.

**Product Application**

1. Apply product to wound surface by dispensing from the bottle to lightly cover the entire wound.
2. If necessary, gently wet the application area with sterile saline to ensure the product adheres to the wound.
3. Apply an appropriate non-stick secondary wound dressing over the product.
4. If appropriate, apply a bandage system, total contact cast or other appropriate dressing that will manage the wound exudate.
   Note: Keep the product and wound bed moist.

**Dressing Changes**

1. To prevent damage to the newly incorporating product, only change the secondary dressing as necessary, typically every 7 days.
2. Take care to avoid disturbing the wound be when the secondary dressing is changed.

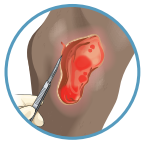
**Reapplication of Product**

Note: If a gel forms on the wound surface, do not attempt to forcibly remove it. Successful integration of ECM may result in formation of a caramel-colored or off-white gel. Do not remove this gel by debridement. This caramelization contains ECM, which will continue to supplement the wound as it heals.

1. Carefully remove any remaining loose powder around the wound edges as needed.
2. Gently cleanse the wound surface with sterile saline; leave the ECM gel intact.
3. If the wound is free of infection and debris but not fully epithelialized, reapply the product to unhealed area (see section "Product Application").

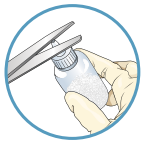
The product can be reapplied every 7 days as by repeating the product preparation and application steps.

## How to apply ReCruit™ Topical



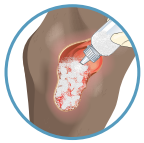
### STEP ONE

Ensure the wound is free of debris and dead or decaying tissue. Irrigate excessive exudate and control the bleeding. Rinse the wound with sterile saline.



### STEP TWO

Trim the spout of the ReCruit Topical bottle with scissors.

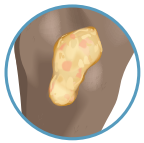


### STEP THREE

Lightly cover the entire wound surface with the ReCruit Topical powder. If needed, gently wet the application area with sterile saline to help the product adhere.

### STEP FOUR

Apply a non-stick secondary wound dressing over the product. Apply any additional dressing, as needed, to manage wound exudate. Only change the dressing when necessary, typically every seven days. Avoid dislodging the product when you change the secondary dressing.



### STEP FIVE

Reapply as necessary. The product can be reapplied every seven days by repeating the previous application steps.

As the healing occurs, the powder may darken in color and form a caramel-colored gel. This gel is normal. **Do not remove it.**