

Rebound PRF for Canine Amputation Wound

Timbrel is a four-year-old, male, neutered pit bull who has a radial nerve injury in his left front leg. Complications from this led to a partial foot amputation at the level of the mid metacarpals. This left him with a residuum that he could bear weight on.

The metacarpal pad was pulled down to cover the end of the residuum but healed with an unintended placement — pulled off to the side. This results in Timbrel bearing weight on the skin lateral to the pad.

He gets chronic wounds in this area and because of the constant trauma to the wound bed they do not heal.

Initially honey bandages were applied to the wound with very little progress over a four-week period.



(image A)

WEEK 1

- Wrap wound in honey bandages

WEEK 2

- Wrap wound in honey bandages, very little progress

WEEK 3

- Wrap wound in honey bandages, very little progress

WEEK 4

- Wrap wound in honey bandages and begin looking at alternative treatments

WEEK 5

- Clean wound prior to applying Rebound PRF (image A)

WEEK 5

- Apply Rebound PRF directly to wound area (image B)

WEEK 5.5

- Change bandage four days after initial application

WEEK 6

- Wound appears to be healing quickly

WEEK 7

- Wound is fully healed closed, and skin in the location of the wound appears to be full thickness



(image B)

Within seven days of applying Rebound PRF, the five-week old wound was nearly gone.

The crust came off about two weeks after application and the wound had fully healed closed with full thickness of the skin in the location returning.



(image C)

“We have been unable to achieve the same results [as we see with Rebound PRF] with any other product. Overall, I am very happy with the products and I have won over my ER team as well!”

– Dr. Jordan Sedlacek, Fort Collins Veterinary Emergency