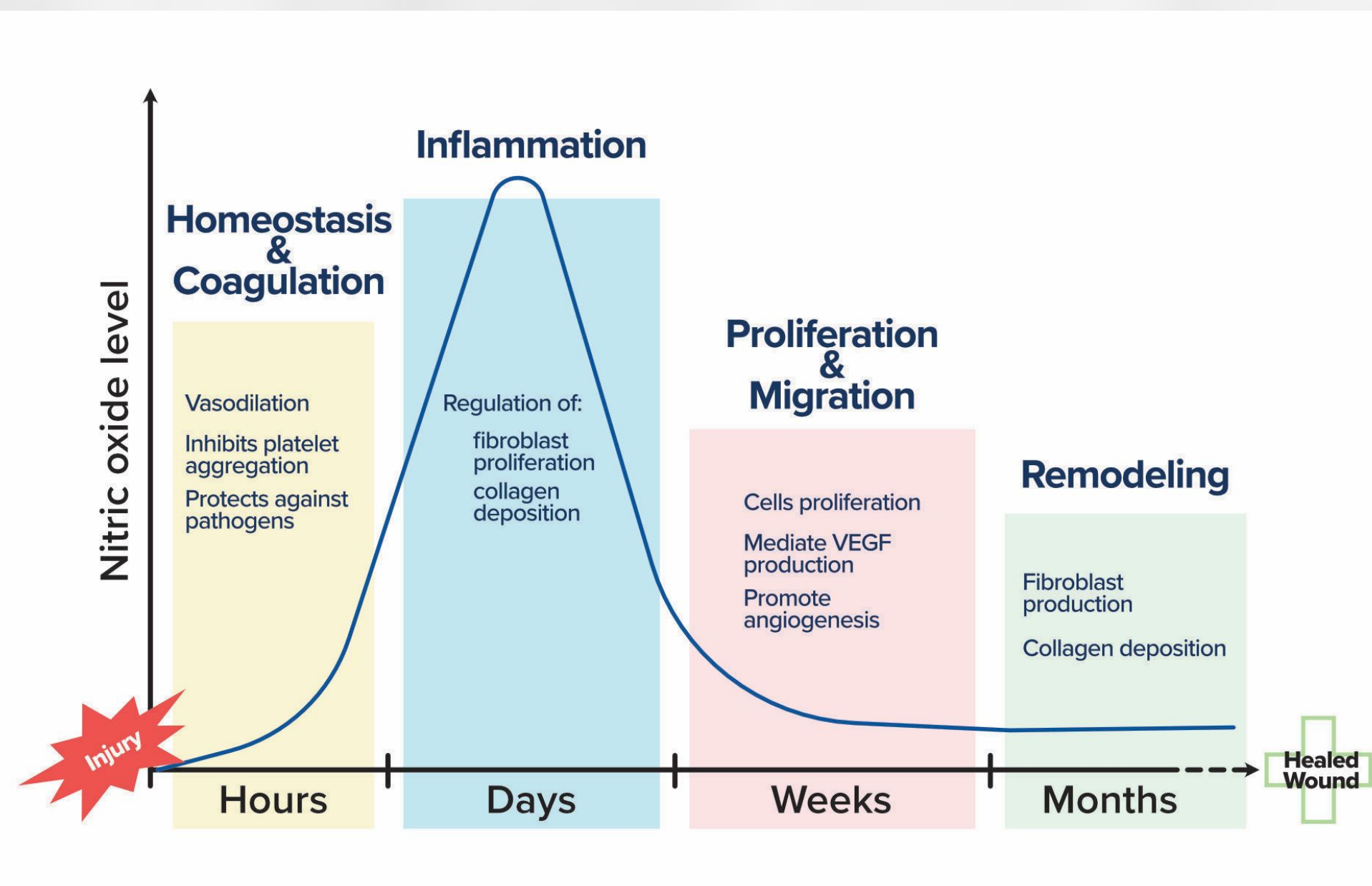


NOXSANO®

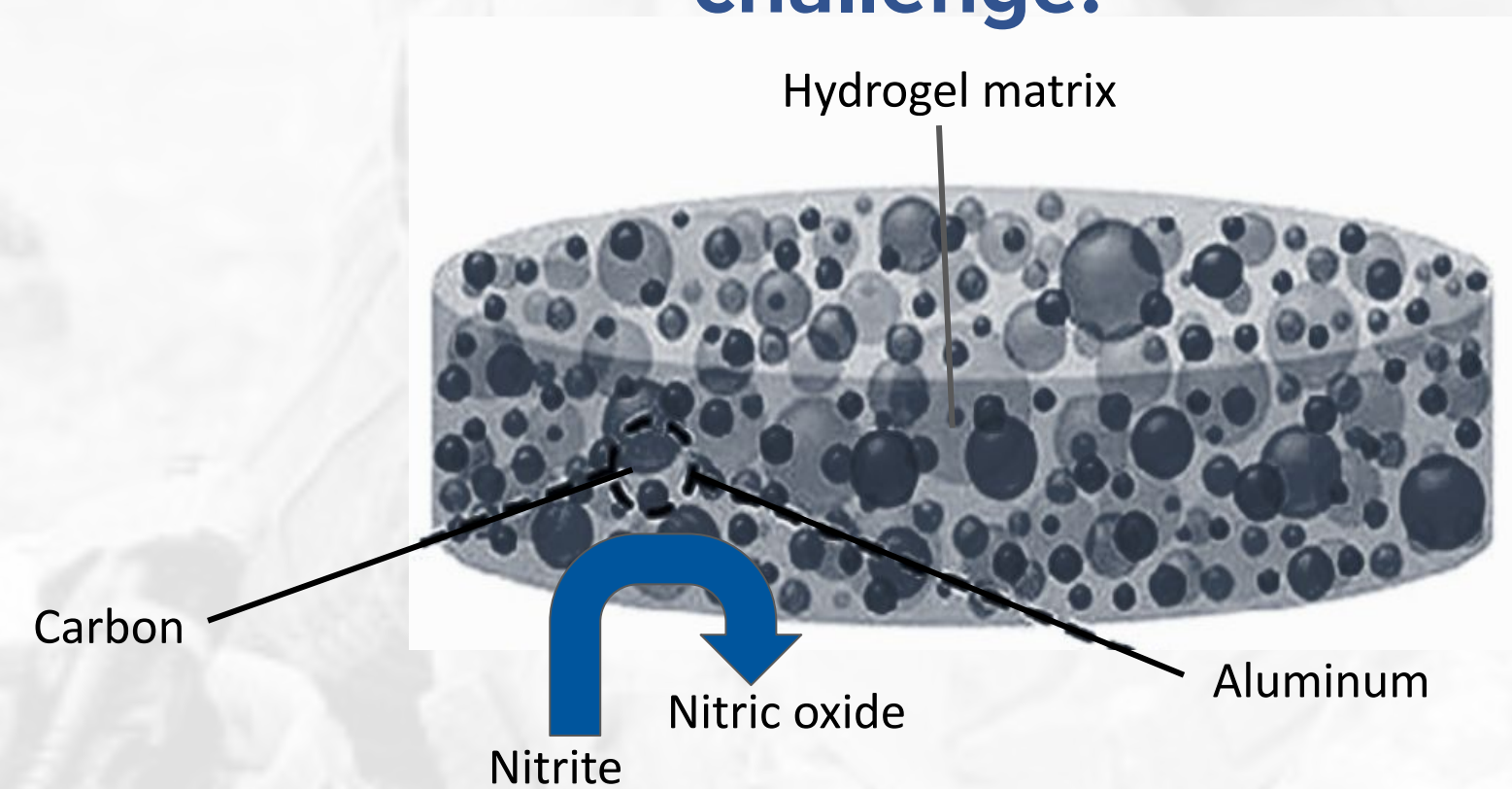
Active wound healing, infection, and hemorrhage control

Non-traditional company developing nitric oxide based wound products to dramatically speed healing and remediate/prevent infection



- Nitric oxide is the key regulator of healing
- Exogenous delivery also promotes healing
- Issue is delivery

Noxsano solved the nitric oxide delivery challenge!



- Patented electrochemical system
- Inexpensive & easy to use
- Precise, continuous, biotherapeutic flux
- Delivery to the wound bed for up to 7 days



Benefits

- Initiates wound healing on product application
- Provides immediate infection control
 - Resistant bacteria, biofilm, virus, fungi
- Hemorrhage control
- Effective through all phases of wound healing
- Activated at point of use (water) Halves healing time
- Lightweight, portable easy to use
- Promotes healing in stalled wounds
- Stable and inactive before activation
 - Long shelf life

Veterinary Clinical Study

	Telfa Pad	Hydrocolloid	Nitric Oxide Wound Pad	Nitric Oxide Wound Gel
Day 0				
Day 3				
Day 7				
Day 14				
Day 21				

Clinical Significance

Nitric oxide wound dressings are innovative and inexpensive products that can significantly decrease the amount of time and cost necessary for open or second intention wound resolution in dogs.

Rodriguez-Diaz JM, Wallace ML, Emond SA, McNabney D, Hodges KM, Howerth EW. Effect of hydrocolloid-nitric oxide wound dressings on wound healing in dogs. *Veterinary Surgery*. 2024; 1-15. doi:10.1111/vsu.14149

Resistant Infection

Dehisced wound with resistant E.Coli infection. Dr. Wallace performed subdermal plexus rotational flap and applied a topical gel impregnated with amikacin. Five days later the wound had dehisced and was clearly infected. After cleaning and debriding Restore Wound Pads were activated and inserted into the open wound. Following three applications of the Restore Pad the infection had cleared, and beautiful granulation tissue had formed. Wound closure was performed. In just 2-weeks post op, the patient was doing very well. Importantly, he did not require any additional antibiotics

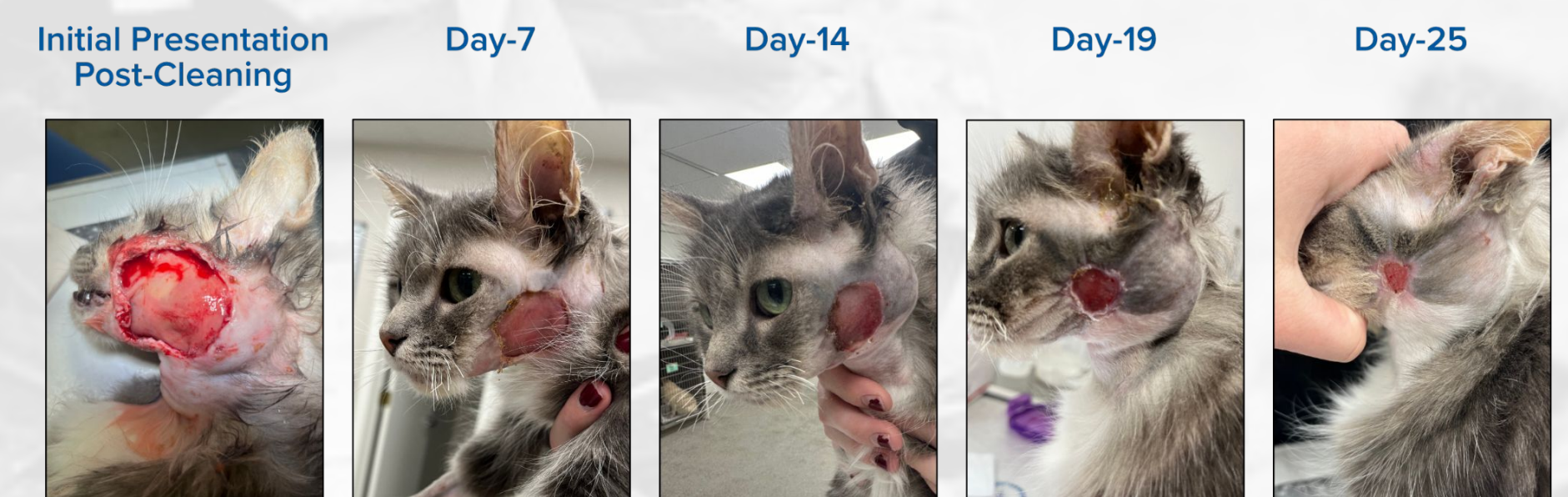
Dr. Wallace says "Without Restore the leg would have had to be amputated"



Traumatic injury

The wound was treated with Restore Gel and re-dressed every 3-5 days. By day 7 the wound had contracted nicely with no odor or discharge. The wound continue to heal rapidly from there with no signs of infection. By day 25 the wound was 90% healed with no sign of infection.

Dr. Mirto says "The gel was easy to apply, and we were amazed at the rapid and effective wound healing progress using it. After just the first treatment and re-dressing, we could not believe the improvement."



Burn

Felicia jumped on a stove that had a pan with hot oil. She sustained burns to the right PL foot and chest. She sustained severe degloving of the wounds along dorsal aspect of the digits and infection. She was treated with debridement and regular bandage changes using restore pads then gels. Within 1 week of injury, there was healthy granulation tissue formation and control of infection. She was able to heal all her wounds by second intention within 1 month.

Dr. Castaneda says "In this case, Restore alleviated the need for any surgical intervention. We were able to provide outpatient care which was a significant cost savings to the client."

