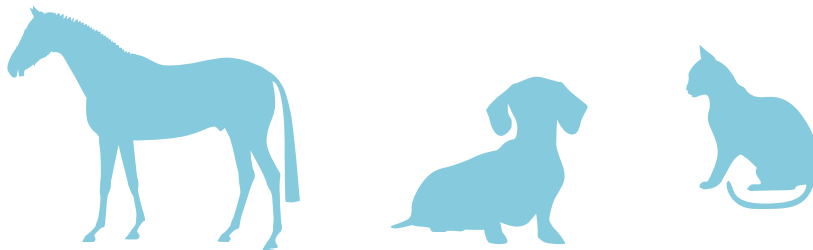


Vexoderm

SKIN & WOUND CARE PRODUCTS

A new approach to wound healing



What is Vexoderm Line?



Vexoderm is a novel line of skin & wound care products with antioxidant properties.

Vexoderm products promote the natural skin repair process.

All Vexoderm products are formulated with ingredients of natural origin.

Vexoderm Sterile Dressing

Vexoderm Dressing is a new generation dressing for moist wound healing with antioxidant properties.

Its innovative design is the result of years of research on oxidative stress.



Presentation

- 9x4** Each box contains one 9x4 cm matrix and one 10 ml vial.
- 10x7** Each box contains one 10x7 cm matrix and two 10 ml vials.

Vexoderm Gel+

Vexoderm Gel+ is an innovative hydrogel for veterinary use, with antioxidant components of natural origin for an optimal skin repair.



Presentation

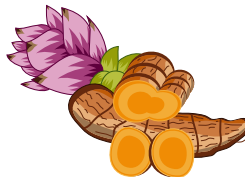
- x1** Each box contains 1 tube of 12g.

Antioxidant ingredients of natural origin



Carob

Inhibits the damage caused by oxidative stress thanks to its antioxidant action. It has a great absorption capacity.



Turmeric

Source of vitamins and minerals. It fights tissue oxidation and provides a defense against inflammation.

Vexoderm Dressing



Acetylcysteine

Common amino acid in many foods. Powerful antioxidant action.

Biofilm control.



Lycopene

Antioxidant of the carotenoid family.

Effective direct neutraliser of free radicals.



Vitamin C

Water-soluble nutrient that acts as an antioxidant, helping to protect cells against damage caused by free radicals.

Vexoderm Gel+



Vitamin E

It acts as a natural antioxidant and prevents oxidation reactions in body structures. Reduces the formation of free radicals.

The science behind the product.

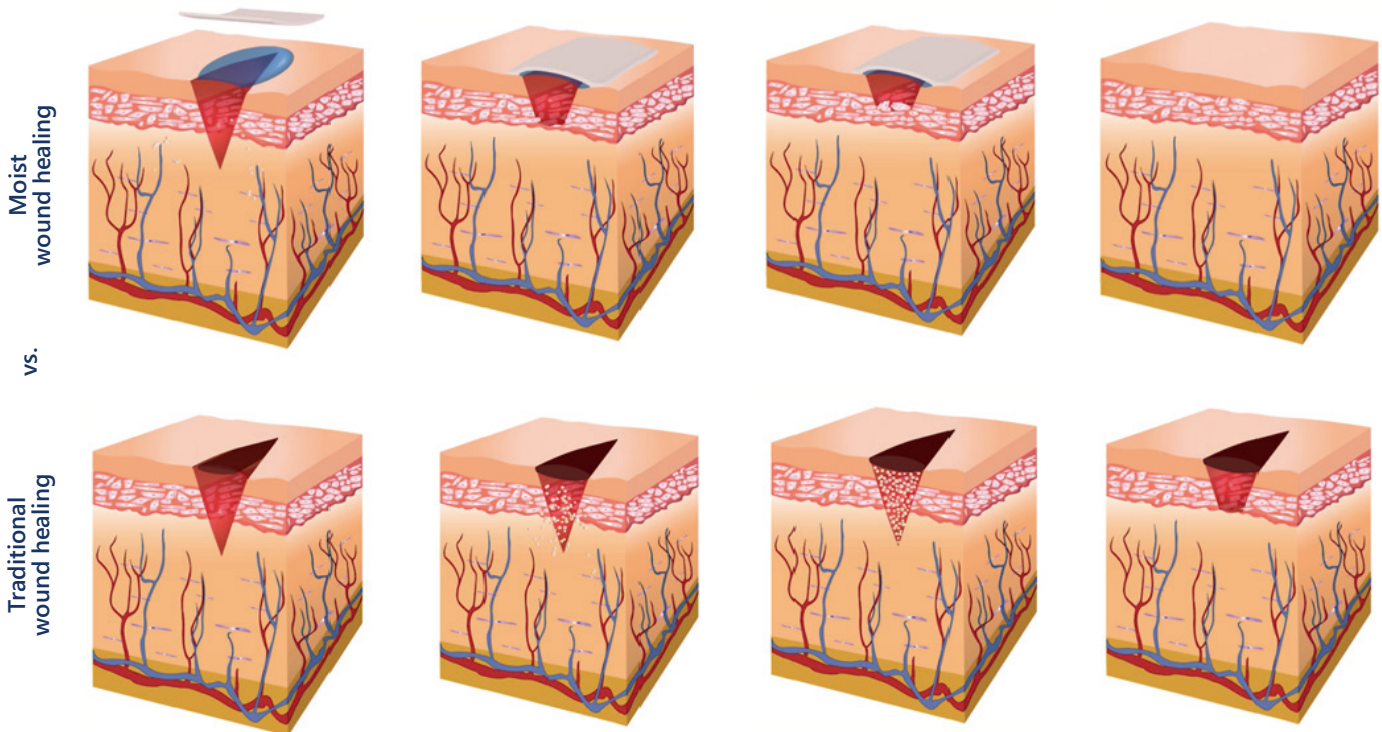
Our technology:

Moist Wound Healing

Traditionally, **dry wound healing** has been applied for the treatment of wounds.

The formation of the scab is favoured, creating a barrier and slowing down cell migration and the healing process.

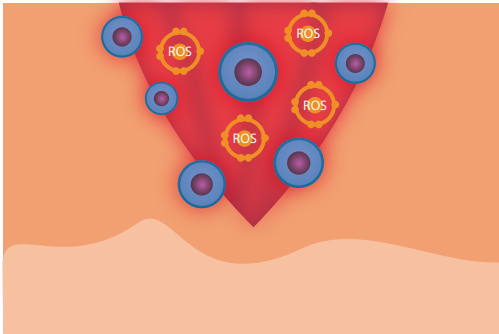
Moist wound healing maintains the physiological conditions of temperature and humidity that favour cell migration and healing, prevents crusting, decreases pain and reduces healing time.



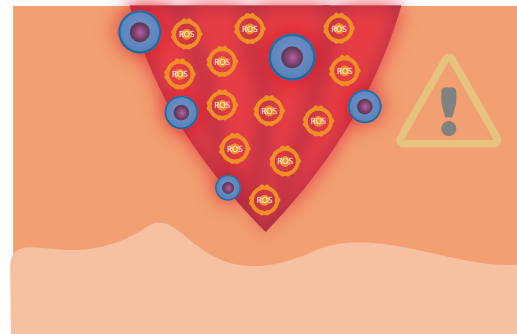
moist wound healing + antioxidant action



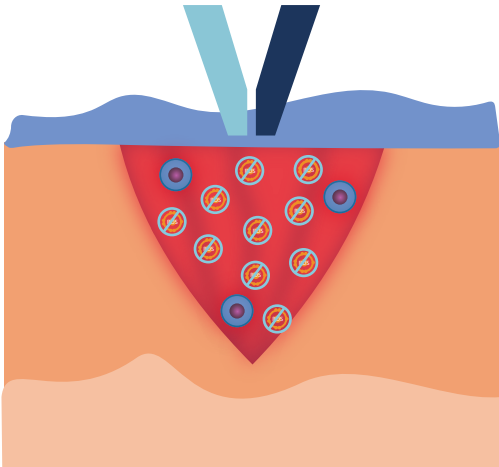
Antioxidant Action



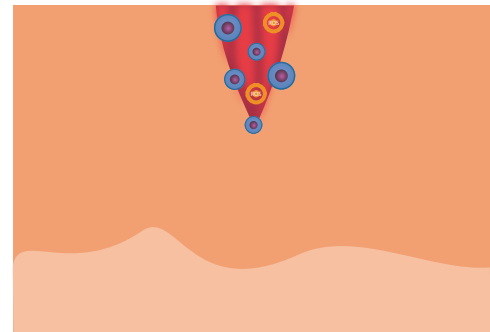
Inflammatory cells produce
free radicals.



When there is an **excess of free radicals** healing is arrested.



Vexoderm neutralises the excess of
free radicals in a moist environment.



And allows the tissues to
progress towards healing.

Vexoderm Dressing

What is Vexoderm Dressing?

Vexoderm Dressing is a new generation wound dressing that cleanses and detoxifies the wound bed.

Its innovative design is the result of years of research on oxidative stress.

How does Vexoderm Dressing work?

Vexoderm combines 2 components of natural origin for an optimal wound care.

Lyophilised 100% plant origin matrix with high absorption capacity



Hydration solution with moisturising and antioxidant properties



Key advantages

For the patient

- **Detoxifies wound exudate.**
Neutralises the excess of reactive oxygen species in the wound environment.
- **Manages the exudate.**
Absorption capacity up to 20 times its dry weight.
- Cleans wound bed from non desired tissue.
- Reduces irritation and discomfort.
- Excellent wound care for an optimal skin recovery.

For the vet

- Adaptable and easy to apply and remove.
- It does not adhere to the wound.
- Professional wound care just for specialists.

Only 1 change every 7 days!



Clinical cases



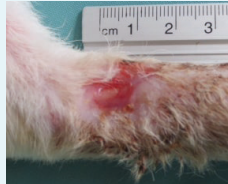
Polytraumatism. Wound with necrotic tissue. Emphysema and edema.
6-8-year-old male cat



Beginning



Week 2



Week 9

Polytraumatism.

Previous treatment

Suture, spray (silver).

Treatment with Vexoderm Dressing

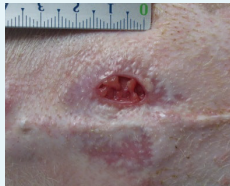
Autolytic debridement, wound activation, granulation tissue and re-epithelialisation. Treatment with Vexoderm Dressing until wound closure.



Ulcer due to laparotomy
4-year-old female Bulldog



Beginning



Week 2



Week 3

Ulcer due to laparotomy.
Possible reaction to suture.

Previous treatment

Systemic antibiotics.

Dressing 6 days after surgery.

Treatment with Vexoderm Dressing

Wound activation and healing.

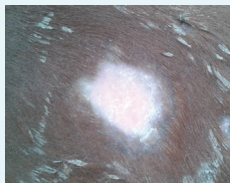
Treatment with Vexoderm Dressing until wound closure.



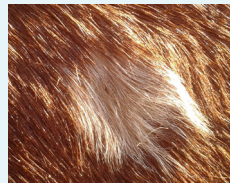
Chronic saddle sore
12-year-old male Quarter Horse



Beginning



Week 1



Week 11

Chronic saddle sore in both sides for over 5 months.

Previous treatment

Ointment.

Treatment with Vexoderm Dressing

Vexoderm Dressing is applied with dressing changes once a week for two weeks until complete closure of the wounds.

A few weeks later hair growth is observed.

Vexoderm Gel+

What is Vexoderm Gel+?

Vexoderm Gel+ is an innovative hydrogel for veterinary use with antioxidant components of natural origin for an optimal skin care.



Enhanced formula with
new* antioxidant ingredients

Carob
Turmeric
Lycopene*
Vitamin C*
Vitamin E*

How does Vexoderm Gel+ work?

Vexoderm Gel+



Has a strong antioxidant capacity



Hydrates the skin



Cleans the skin from non-viable tissues

Indications

- Irritated skin
- Damaged skin
- Pruritus
- Mild burns
- Abrasions
- Necrosis
- Surgical sutures

Excellent clinical results



Hydrates
and
protects



Reduces
irritation and
inflammation



Reduces discomfort
(pain, pruritus,
redness)



Faster
tissue
regeneration

Clinical cases



Post-surgical wound Catalan Sheepdog



Beginning



Week 2

A nodule was removed and the dog removed the staple.

Previous treatment

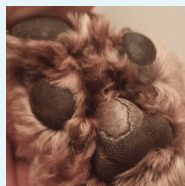
Healing creams without positive results.

Treatment with Vexoderm Gel+

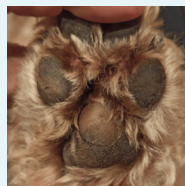
From day one radical change in the wound was observed. The wound was quickly filled with granulation tissue and closed well.



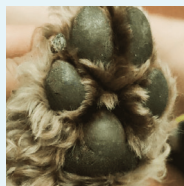
Abrasion 3-year-old male Spanish Water Dog



Beginning



Week 1



Week 2

Abrasion on the paw pads due to possible contact with hot asphalt.

Previous treatment

None.

Treatment with Vexoderm Gel+

Application of Vexoderm Gel+ by the owner once a day at night and covered for protection.

After two days of treatment, the owner observes improvements in colour and touch.



Inflammatory reaction 8-year-old female



Beginning



Week 2



Week 3

Inflammatory reaction that does not respond to usual treatment.

Previous treatment

Usual treatments.

Treatment with Vexoderm Gel+

Application of Vexoderm Gel+ by the owner directly 2-3 times a day and covered to prevent licking.

How to use Vexoderm Dressing



Hydrate the matrix with the solution and wait 1-2 minutes.



Clean the wound and place Vexoderm over the wound.



Use appropriate secondary dressing to keep Vexoderm in place and prevent it from drying.

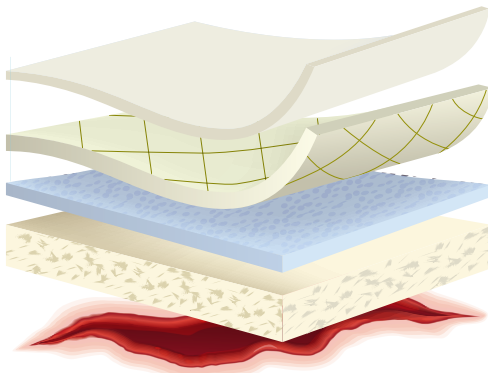


Cover with a protective bandage.

How to cover Vexoderm Dressing

Vexoderm is a non-adherent primary dressing.

Vexoderm always needs an adequate secondary dressing to maintain the humidity, and a protective bandage to keep it in place for 7 days.



Protective bandage

- Bandage (elastic, self-adhesive...)
- Cotton

Secondary dressing

- Paraffin gauze / film / foam

Primary dressing

- Vexoderm

Only 1 change every 7 days!



Professional wound care just for specialists.

How to use Vexoderm Gel+



1

Gently clean the area.

2

Place Vexoderm Gel+ over the area as many times as needed until complete recovery.

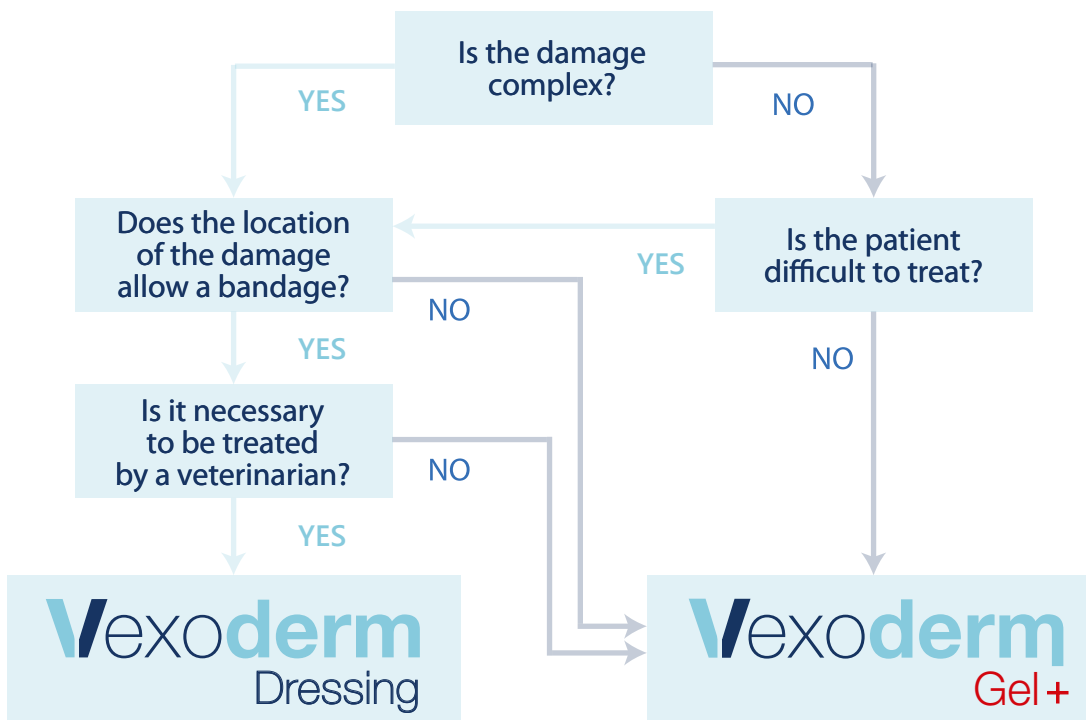
3

Cover if necessary.



Vexoderm Gel+ can be used by vets and owners

Vexoderm Dressing or Vexoderm Gel+?



Scientific publications and references

- Calvo A., Bastida F. (2017) Cat with extensive cutaneous necrosis treated with a new antioxidant moist wound healing dressing. IM Veterinaria 8:52-55.
- Balasch J., Ramio-Lluch L., Puigdemont A., Castro B., Bastida F. (2016) Case Report on the Treatment of Surgically Debrided Deep Wounds with A New Antioxidant Wound Dressing in Two Dogs. Adv. Anim. Vet. Sci. 4 (7): 389-393.
- Castro B., Palomares T., Azcoitia I., Bastida F., del Olmo M., Soldevilla J.J., Alonso-Varona A. (2015) Development and preclinical evaluation of a new galactomannan-based dressing with antioxidant properties for wound healing. Histology and histopathology, 30(12): 1499-1512.
- Calvo A. Moist Wound Healing And Artificial Skin Grafts in Small Animals Vexoderm And ServiSkin. Poster presentation. Southern European Veterinary Congress (SEVC/AVEPA), Barcelona, Spain (October 2014).
- Calvo A. Novel Antioxidant Moist Wound Healing Dressing Treatment Polytraumatized Dogs. Poster presentation. 24th Conference of the European Wound Management Association, Madrid, Spain (October 2014).
- Calvo A. Advantages of an antioxidant wound dressing. Poster presentation. GTA/AVEPA Specialities Congress, Bilbao, Spain (April 2014).
- Calvo A. New Antioxidant Wound Dressing Cat Extensive Cutaneous Necrosis. Poster presentation. Southern European Veterinary Congress (SEVC/AVEPA), Barcelona, Spain (October 2013).



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