



# *THE n° 1* *for intensive* *skin care*



## English

**Indications :** Veterinus Derma GeL® is an isotonic formulation available in gel or fluid form indicated for intensive and rapid skin care.

Veterinus Derma GeL® ensures a uniform porous barrier of protection against bacterial attack, foreign contaminants, avoiding desiccation and maintaining an ideal percentage of moisture. Bandaging the affected area is therefore not required. Certified non-mutagenic and devoid of cytogenotoxicity or irritant and sensitizing effect on epithelial cells, Veterinus Derma GeL® maintains cell viability to a very high rate and consequently favors a rapid hair regrowth in the original color. Staying where it is applied, Veterinus Derma GeL® in gel form will not run off the treated surface.

**Directions :** Daily cleanse the affected area with warm water or a saline solution, so as to preserve epithelial cells from irritation.

Apply Veterinus Derma GeL® generously several times a day, as needed. To help prevent skin proliferation, extend application to the surrounding area.

**Caution :** When needed, bandage over the gel. After 24 hours, leave surface uncovered as the product ensures a protective barrier (keeping surface moist). Avoid the use of this product on abnormal cell proliferation : warts, ringworm, mud fever,...

Ensure cap is replaced after use. Avoid all contact to inside of cap or tip of tube/bottle to prevent product contamination.

For animal use only. Keep in a cool dark place away from heat, frost and toxic radiation. Keep out of the reach of children.

**Quality :** Veterinus Derma GeL® is formulated on the basis of an exclusive blend of titrated botanical extracts. Unlike plant tinctures or common extracts which have an active ingredients content that varies according to the period of harvesting, weather conditions, quality of soil,..., Veterinus Derma GeL® contains titrated extracts.

**Safety :** Veterinus Derma GeL® is totally devoid of toxic or prohibited substances. It is safe to use in competition, during gestation, when licked...

**Ingredients :** Titr. Polysaccharides (Pyrus Sorbus extr.) ; Centella Asiatica (titr. extr.) ; Calendula Officinalis (titr. extr.) ; Salvia Officinalis extr. ; Thymus Vulgaris extr. ; Origanum Majorana extr. ; Lavandula Officinalis extr. ; Propylene Glycol ; Hydrogenated Castor Oil ; Sodium Bicarbonate ; Glycerin ; Alcohol ; Aqua Purificata ; Carbomer (for the gel form).

Veterinus  
Derma Gel



DERMA REGENERATOR

**THE n° 1**  
for intensive  
skin care



**Clinical case :** "Beaver" Mitchell

**Submitted by :** Dr. Erin Denney-Jones  
Florida Equine Veterinary Services, Inc.  
PO Box 120913  
Clermont, FL 34712-0913



**Deep laceration caused by barbed wire.**

**Treatment :**  
Cleaning with saline once a day.

**Application :** (without dressing) of Derma GeL® three times a day for the first week and then twice a day.

**Caution :** No other local treatments were used.

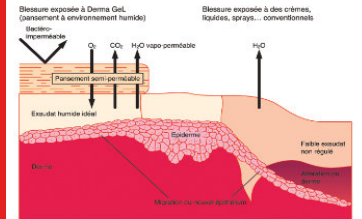
Antibiotics and analgesics administered by injection.

Duration of treatment under clinical observation: 28 days.

**Derma GeL®** is a hydrogel or "hydrocolloid dressing" composed of high molecular weight cross-linked polymers. Its formulation and physicochemical characteristics facilitate the care and :

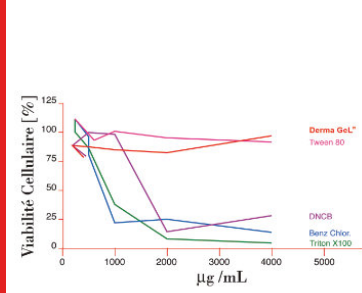
- ☼ Promotes an emollient effect
- ☼ Reduces pain levels
- ☼ Regulates inflammation
- ☼ Maintains cell viability at 97%
- ☼ Accelerates the healing process

Migration aisée et rapide des nouvelles cellules - baignant dans le milieu de croissance épithéliale, assuré par la structure hydro-colloïde du Derma GeL®.



- 97% de viabilité cellulaire favorisant une multiplication et une migration des cellules baignant dans un milieu de croissance idéal
- Régulation du pH et de la température au niveau de la plaie
- Oxygène et nutriments disponibles pour une cicatrisation rapide
- Lavage idéal - préservant les cellules viables
- Perle de viabilité cellulaire favorisant la multiplication et la migration des cellules
- Température et pH perturbés - empêchant la désiccation ou l'hyperhydratation excessive
- Délivrance d'oxygène et nutriments - retardant la cicatrisation
- Lavage endommageant les cellules viables

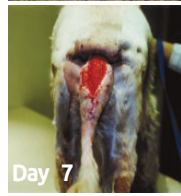
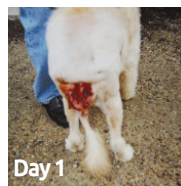
Evaluation de la Viabilité Cellulaire



Pourcentage de cellules survivantes dans des modèles cutanés reconstitués incubés en présence de Chlorure de Benzalkonium, de Triton X 100, de Tween 80, ou de Dinitrochlorobenzène (DNCB) et du produit Derma GeL®. Les tissus ont été exposés aux différents produits durant 30 heures à 37°C (95% CO2) après quoi ils ont été soumis au test de viabilité cellulaire. Chaque point représente la moyenne ± DS d'une expérience réalisée en double.

**Clinical case :** Buddy Anderson

**Submitted by :** Dr. Thomas E. Hughes  
Forreston Veterinary Clinic  
PO Box 337  
205 First Ave.  
Forreston, IL 61030



**Removal of a lipoma.**

**Treatment :**  
Cleanse twice daily with saline solution.

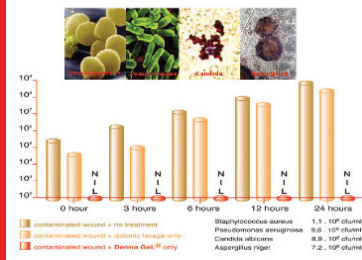
**Application (without dressing)** of Derma GeL® three times daily for the first week, then twice daily thereafter.

**Caution :** No other local treatments were used. Oral antibiotic (Clavamox).

Duration of treatment under clinical observation: 20 days.

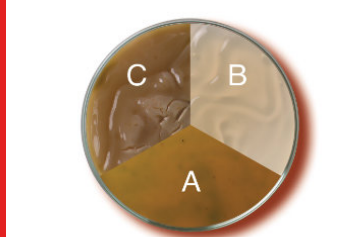
**Note :** The owner of the dog sent the last photo (D.44) showing perfect healing and hair growth.

Evaluation of the rate of bacterial colonisation of an open wound exposed to the following bacterial strains:



■ Contaminated wound + no treatment  
■ Contaminated wound + antibiotic (Clavamox)  
■ Contaminated wound + Derma GeL® only

Staphylococcus aureus 1.1 · 10<sup>6</sup> cfu/ml  
Pseudomonas aeruginosa 8.8 · 10<sup>6</sup> cfu/ml  
Candida albicans 8.8 · 10<sup>6</sup> cfu/ml  
Aspergillus niger 7.2 · 10<sup>6</sup> cfu/ml



- A. Souches bactériennes incubées à part 24 heures à 36°C.  
Résultat : **POSITIF**
- B. Souches bactériennes + Derma GeL® durant 24 heures à 36°C.  
Résultat : **NÉGATIF**  
Observation : la structure hydro-colloïde est maintenue sous le film protecteur de Derma GeL® 36°C, garantissant un environnement humide de croissance optimale.
- C. Souches bactériennes + "XXX" (Pylorine) durant 24 heures à 36°C.  
Résultat : **POSITIF**  
Observation : la structure hydro-colloïde sèche et se fissure (faible environnement humide - pas de film protecteur)

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