

HyONUS, INC.

MedACARE™ Wound Wash

January 3, 2024



HyONUS

Creating a Safer world

Finally - A revolutionary wound wash that does not sting, stain, dry or irritate skin or open wound beds!

- ▶ Ideal for surgical skin prep: dries quickly, non-flammable (unlike alcohol).
- ▶ MedACARE™ Wound Wash targets germs in the wound and helps rebuild the wound bed.
- ▶ Patented technology kills germs, keeping wounds clean and clear of infection.
- ▶ Alcohol-free. Chlorine free. Scent free. Iodine free. Saline free.
- ▶ Water-based. Will not dry skin like alcohol-based products.
- ▶ Aids in natural healing by hydrating the wound bed and skin.
- ▶ Environmentally safe and cost effective.
- ▶ Multiple applications are recommended for faster healing.

About the Carbamide we add to the solution to promote healing in wound beds

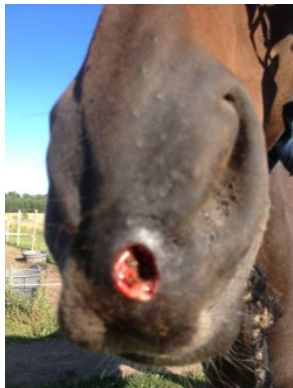
- ▶ Carbamide is better known as urea ($\text{CH}_4\text{N}_2\text{O}$). The Carbamide reacts with the organic acid in our protonated solution and creates uronium hydrogen sulfate ($\text{CH}_4\text{N}_2\text{O}\cdot\text{H}_2\text{O}_4\text{S}$).
- ▶ The uronium hydrogen sulfate promotes the rehydration of the skin along with the water in the solution. In addition, the new chemistry helps to form amino acids in the wound bed that are the building blocks for the creation of proteins.
- ▶ The key elements of an amino acid are carbon, hydrogen, oxygen, and nitrogen, (and these are created by a chemical chain of $\text{CH}_4\text{N}_2\text{O}\cdot\text{H}_2\text{O}_4\text{S}$ in the solution) though other elements are found in the side-chains of certain amino acids. The sulfates in a wound bed add the necessary energy to create proteins that identify and neutralize pathogens such as bacteria and viruses as a natural immune system.

The MedACARE™ Solution was developed to have broad spectrum efficacy on both gram negative, gram positive bacteria, fungus, mold and spores.

- ▶ The cationic properties of our formulations gain access to the cell by channeling the energy of the hydrogen ion to penetrate the cell wall and causing lysis or death. The solution is effective on gram negative bacteria such as E.coli, Listeria, Salmonella, and Campylobacter. It is also as effective on Gram positive bacteria like Staphylococcus aureus and MRSA. Extensive studies show effectiveness against Candida albicans fungus (>4.5 Log) and similar results against c-Diff spores and Covid-19.

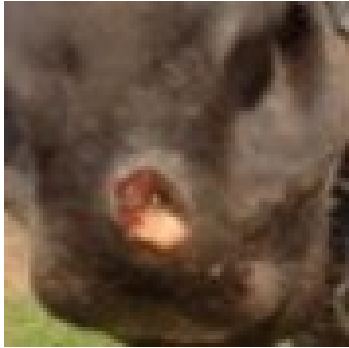
How MedACARE™ Wound Wash Solution Impacted the Life of a 19 Year Old Horse

- ▶ These are pictures of a 19 year old horse with a ruptured abscess on his nose. This horse had a small puncture wound that became infected causing an abscess. No antibiotics were prescribed by the vet. The Vet suggested just using MedACARE™ and warm water. The results were amazing!

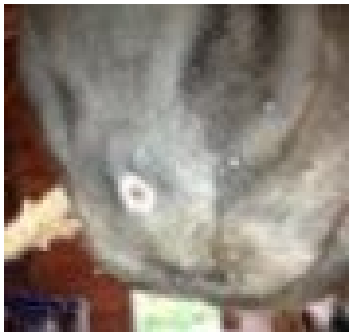


DAY 1—Ruptured abscess.

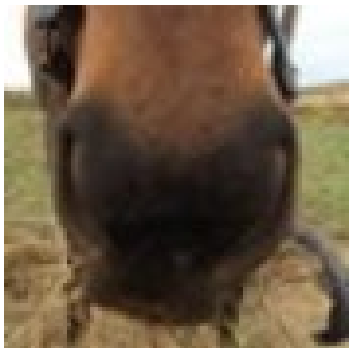
Red, swollen, irritated and painful!



DAY 05—Open wound, free of infection, healing from the inside out. Applying MedACARE™ twice a day.



DAY 14—Healing in full process. Wound closes, free of infection and irritation. Cease applying MedACARE™



DAY 21 —Closed wound. No proud flesh, and hair is growing back.

Benefits of the MedACARE™ Solution

- ▶ First responders are able to disinfect wounds in the field, starting effective treatment immediately
- ▶ Non-flammable. MedACARE™ as a skin preparation allows surgery to begin without delay for drying time
- ▶ Kills germs long after drying, reducing re-infection of fresh wounds
- ▶ Tested effective against MRSA, Norovirus, H1N1, Covid-19, C-diff spores, MedACARE™ reduces liabilities of Hospital Acquired Infections by providing protection against even the toughest germs
- ▶ Solution has passed a three-year stability test as required by the FDA and is not required to attach an expiration date on the product