Gel EHO-85 publications

Title of publication	Results	Publication details
Evaluation of Antioxidant and Wound-Healing Properties of EHO-85, a Novel Multifunctional Amorphous Hydrogel Containing Olea europaea Leaf Extract	This hydrogel presents an important ROS **scavenger capacity** which **protects skin cells from oxidative stress and contributes to the physiological process of wound healing.**	*Casado-Diaz A et al. Pharmaceutics 2022, 14, 349* *https://doi.org/10.3390/pharmaceutics14020349*
EHO-85: A Multifunctional Amorphous Hydrogel for Wound Healing Containing Olea europaea Leaf Extract: Effects on Wound Microenvironment and Preclinical Evaluation	**EHO-85** speeds up the closure of hard-to-heal wounds as it **modulates the wound microenvironment,** through its remarkable **effect on reactive oxygen species, pH, and moistening regulation**.	*Casado-Diaz A et al. J. Clin. Med. 2022, 11, 1229* *https://doi.org/10.3390/jcm11051229*
Superiority of a Novel Multifunctional Amorphous Hydrogel Containing Olea europaea Leaf Extract (EHO-85) for the Treatment of Skin Ulcers: A Randomized, Active-Controlled Clinical Trial	A relevant milestone in evidence-based practice, being the first randomized controlled trial demonstrating (i) the **effectiveness of an amorphous hydrogel in accelerating wound healing** and (ii) the superiority of a specific hydrogel over another.	*Verdú-Soriano J et al J. Clin. Med. 2022, 11, 1260* *https://doi.org/10.3390/jcm11051260*
EHO-85, Novel Amorphous Antioxidant Hydrogel, Containing Olea europaea Leaf Extract—Rheological Properties, and Superiority over a Standard Hydrogel in Accelerating Early Wound Healing: A Randomized Controlled Trial	EHO-85 shows its **superiority over the comparator** in wound area reduction and healing rate, by **accelerating wound healing rate**. This superiority is likely based on its **optimal moisturizing capacity and excellent pH-lowering and antioxidant properties**.	*Verdú-Soriano J et al. Pharmaceutics 2023, 15, 1925* *https://doi.org/10.3390/pharmaceutics15071925*
Comparative Study of the Efficacy of EHO-85, a Hydrogel Containing Olive Tree (Olea europaea) Leaf Extract, in Skin Wound Healing	Animal wounds treated with EHO-85 **showed less inflammation and higher levels of collagen in the extracellular matrix** thus indicating a higher degree of maturity in the regenerated tissue. The effect of EHO-85 on healing was equal to or superior to that of other treatments routinely used in human clinical practice.	*Torrecillas-Baena B et al . Int. J Mol Sci 2023, 24, 13328* *https://doi.org/10.3390/ijms241713328*

Gel EHO-85 publications

Title of publication	Results	Publication details
Hard-to-Heal Wound Healing: Superiority of Hydrogel EHO-85 (Containing Olea europaea Leaf Extract) vs. a Standard Hydrogel. A Randomized Controlled Trial	EHO-85 showed a **significant superior effect over the comparator in reducing the wound area.** According to the authors, EHO-85 superiority is based on its optimal **ability to balance the ulcer bed, by modulating pH and oxidative stress**.	*Verdú-Soriano J et al. Gels 2023, 9, 962.* *https://doi.org/10.3390/gels9120962*
Efficacy and safety of EHO-85-based hydrogel for anal fissure treatment: a pilot open-label clinical trial.	EHO-85 administered in adult patients showed that **the clinical symptoms** associated with anal fissures were **reduced or solved** when compared to day 1. EHO-85 has a **good safety profile** as there were no adverse events registered during the study, or clinical symptoms progression.	*Petrisor D et al. Journal of Wound Management. 2024;25(2):64-71.* *https://doi.org/10.35279/jowm2024.25.02.05*