

# Octenidine

Antiseptic with broad spectrum of effects

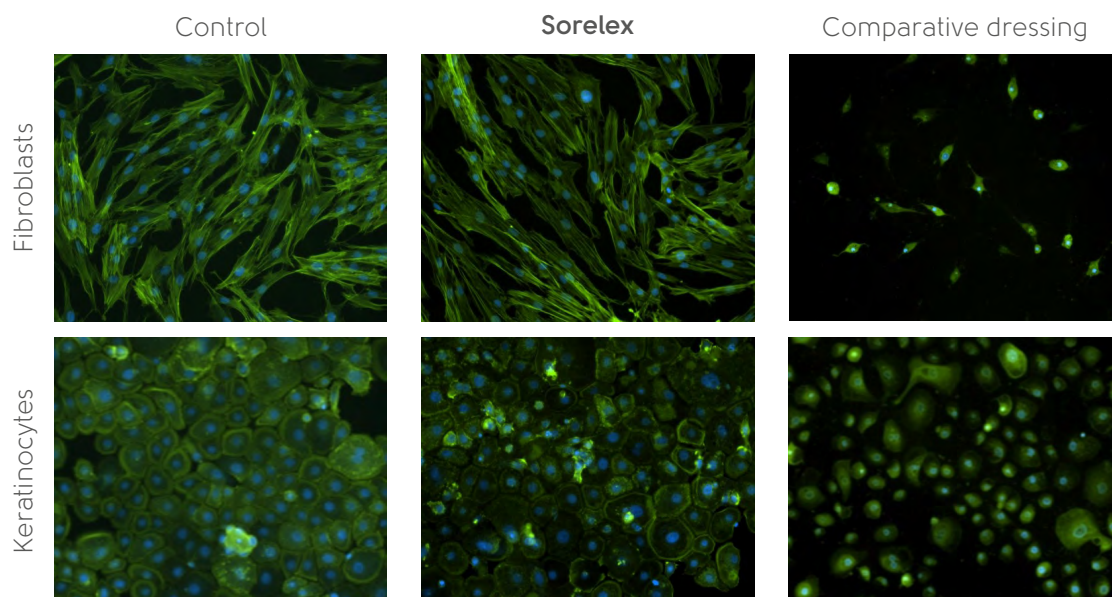
## Effective against

- G+/G- bacteria - MRSA<sup>1</sup>
- Viruses & Fungi
- Biofilm<sup>2</sup>
- No bacterial resistance so far<sup>3</sup>

## Safety & Effects

- Very low cytotoxicity for skin cells<sup>4</sup>
- Not absorbed and stored in patient's body<sup>5</sup>
- Safe for risk groups (pregnant women<sup>6</sup>, diabetics)
- No allergies and side effects so far
- Rapid onset and long term effect even in very low concentration<sup>7</sup>

## Very low toxicity for skin cells



# Hyaluronic Acid

Component of extracellular matrix, naturally occurring in human body

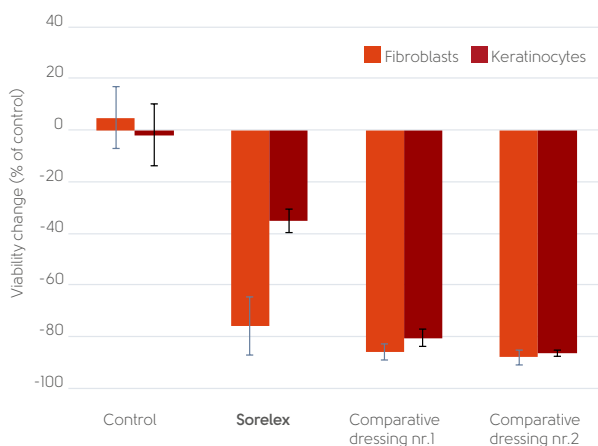
## Promotes wound healing

- Moderates the development of inflammation in the wound<sup>1</sup>
- Promotes proliferation of skin cells
- Supports the formation of new vasculature<sup>2</sup>
- Decreases storage of collagen – scarless wound healing<sup>3</sup>
- Natural analgetic<sup>4</sup>

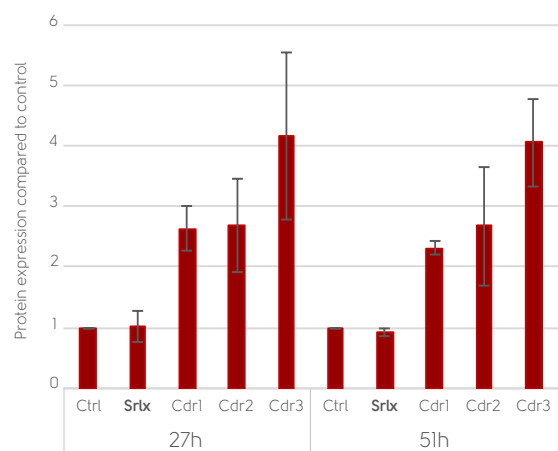
## High affinity to water

- Hydrates environment for the penetration of nutrients<sup>5</sup>

## Natural environment during process of healing



Viability change in human fibroblasts and keratinocytes



Quantification of DNA damage