

# [TEXTUS] heal<sup>®</sup>

## Hyaluronic acid spray to promote wound healing



### Indications

[TEXTUS] heal<sup>®</sup> is used for external local treatment of wounds starting in the granulation phase as well as slow-to heal wounds. [TEXTUS] heal<sup>®</sup> should only be used on clean and noninfected wounds.

### Effect

[TEXTUS] heal<sup>®</sup> is a hyaluronic acid spray for local use in non-infected, clean wounds for long-lasting promotion of new formation of granulation and epithelial tissue. [TEXTUS] heal<sup>®</sup> is also suitable for local use in the case of wound stagnation. Hyaluronic acid is an important polysaccharide in the human body. It is ubiquitous and is found in about 50% of the skin. It significantly influences the information exchange between the cells and thus is important in wound healing processes. According to current scientific knowledge, a wound healing promoted by the properties of hyaluronic acid can be expected:

#### Granulation Phase

Cell proliferation	Promotes mitosis and cell replacement
Cell migration	Increase in hyaluronic acid synthesis; Hydrated matrix rich in hyaluronic acid promotes cell migration
Neovascularization	low-molecular hyaluronic acid stimulates the new formation of blood vessels

#### Epithelialisation Phase

Keratinocyte	A matrix rich in hyaluronic acid is functions associated with the proliferation of basal keratinocytes Facilitated migration of keratinocytes
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#### Remodelling Phase

Scarring	A matrix rich in hyaluronic acid reduces storage of collagen and leads to reduced scar formation
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#### For all Phases

Reduction in pain	Hyaluronic acid fills free nerve endings and thus reduces wound pain
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Starting with granulation (pH 5) and the acidosis related to this, the pH value changes from the acid to the base range, up to a pH of 7.43. During the epithelialisation phase, the pH value again decreases to 5.5. By adding hyaluronic acid in the form of [TEXTUS] heal<sup>®</sup>, the change in the pH value during the granulation phase from the acid to the basic range is significantly reduced. Thus the turning point for epithelialisation arrives faster and healing occurs more rapidly.

- hyaluronic acid spray for local use for clean and noninfected wounds
- long-lasting promotion of new formation of granulation and epithelial tissue
- no adverse effects due to 0.2% biofermented (synthetic) hyaluronic acid-sodium salt in Ringer's solution without preservatives.
- very easy to use due to the clever multidose system: contents remain sterile after opening and can be used for up to 12 weeks on multiple patients

### Application

- Apply two to three spray pumps directly onto the clean and noninfected wound.
- Then cover with a sterile moist dressing (e.g. [TEXTUS] balance<sup>®</sup>).
- Taking the area around the wound into account, cover the skin area to be treated and the dressing in a semipermeable fashion (e.g. with [TEXTUS] biofix<sup>®</sup>) to protect it from drying out.

### Dressing Changes

The interval between dressing changes depends on how often the primary dressing is changed.

### Important Information

- No preservatives.
- Can be used after opening for 12 weeks, even on multiple patients.
- Avoid wound contact (with the bottle). Hold at least 15 cm from the wound.
- Well tolerated even in the case of long-term treatment.
- Does not damage healthy areas of skin during wetting.
- Contraindicated use in the cleaning phase can lead to worsening of the wound due to bacterial proliferation.

### Adverse Effects

[TEXTUS] heal<sup>®</sup> is synthetic in origin and thus free of animal components. Thus no adverse effects are known to date.

### Contraindications

- infected and unclean wounds (e.g. marked encrustations and/or necroses)
- simultaneous use of antiseptics

### Construction/Composition

[TEXTUS] heal<sup>®</sup> spray is made of 0.2% biofermented hyaluronic acid-sodium salt in Ringer's solution without preservatives. Due to its integrated contamination protection, the contents of the multidose system (15 ml) remain sterile even after opening and can be used for up to 12 weeks on multiple patients.

### Packaging Unit

PZN 362 583 5	15 ml	1 pc/unit
PZN 006 886 7	15 ml	3 pc/unit