

# Chronic Wound Inflammation

Physiological wound healing is a complex four steps process to restore the barrier function of the skin.

**Hemostasis** Platelet activation & Coagulation

**Inflammation**

Neutrophils  
Macrophages

Chronic wounds are blocked at this step

**Physiological Wound Healing**

**Proliferation**

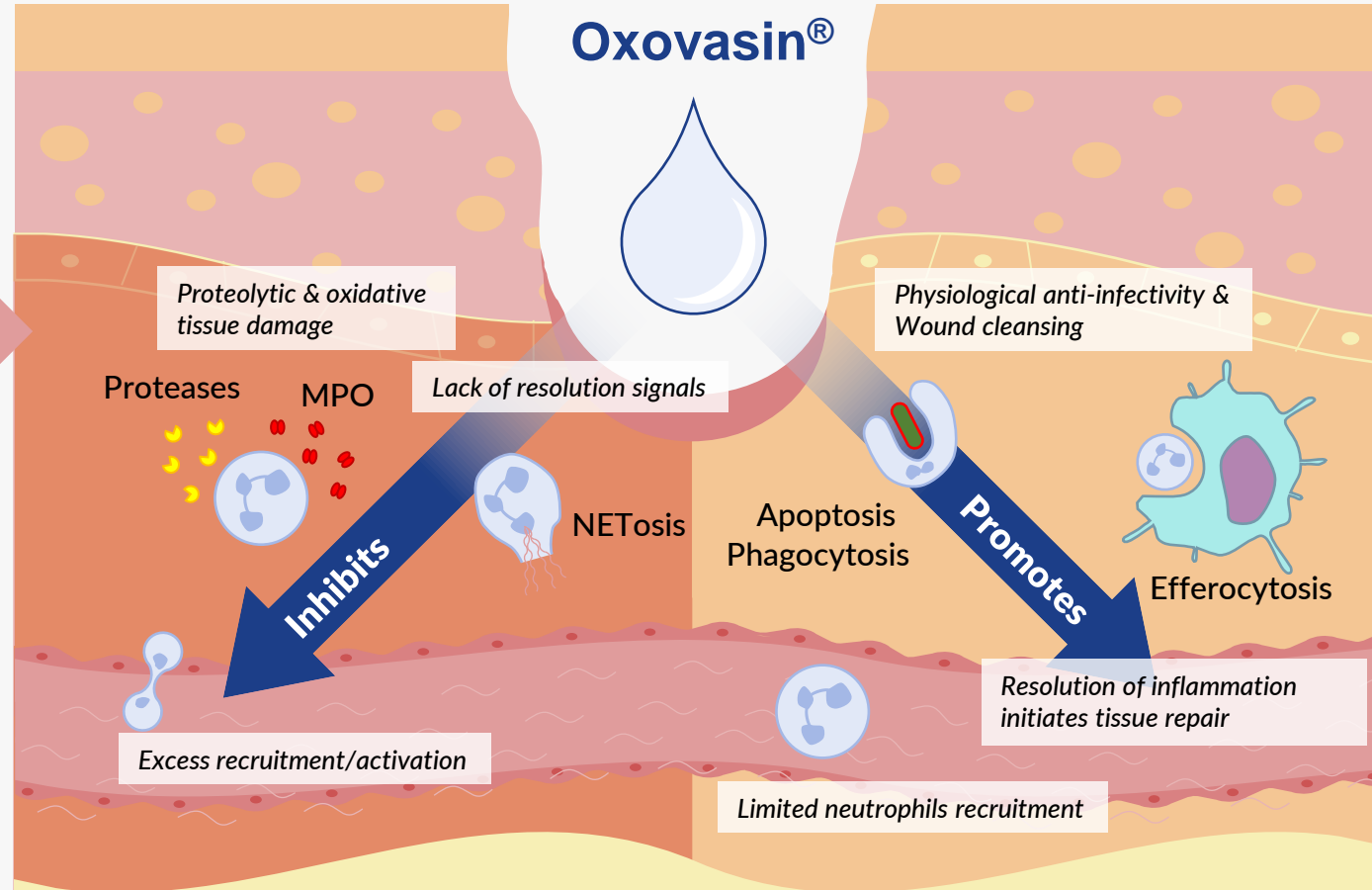
Granulation & Angiogenesis

**Remodeling**

Epithelialization & Wound closure

- Chronic wound formation as deviation from natural physiological course of wound healing
- Chronic wound formation results from blockage of physiological wound healing at inflammatory stage.
- Persistence of chronic wound either due to lack of removal of initial trigger or lack of pre-resolution signals

# Resolution of neutrophilic inflammation



## Pharmacological activities

*Shift from disturbed to physiological wound healing*

### Wound cleansing

- Removal of debris
- Phagocytosis promotion

### Immunoregulation

- Inhibition of overactivation
- Efferocytosis promotion

### Oxygenation

- Vasodilatation
- Neoangiogenesis

### Tissue repair

- Granulation
- Epithelialization

# Oxovasin®

## Chlorite-based topical solution to promote wound healing

### Indications

- Infected wounds
- Decubitus ulcers
- Diabetic ulcers
- Delayed wound healing after burns
- Delayed wound healing and ulcers in cases involving impaired arterial circulation
- Chronic ulcers
- Suppurating cavities and fistula tracts

### Dosage

Apply Oxovasin to the wound twice daily. The quantity depends on the size of the wound. Generally, 5-10 mL will be sufficient.

### Storage

- Store below 30°C.
- Protect from sunlight.
- Must not be used more than 14 days after opening of the bottle.

### Package Size

50 mL and 100 mL. One bottle per one package.



Manufactured by  
Holopack Verpackungstechnik GmbH  
74429 Sulzbach-Laufen, Germany

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OXO Translational Science GmbH  
39164 Wanzleben-Boerde, Germany

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**Ultimate approach  
for state-of-the-art  
wound healing and  
tissue repair**

