



## Silver Nanocrystalline Dressing

### Agicoat Silver Nanocrystalline Dressing

It is a single-layer dressing with a coating of silver nanocrystalline particles on nylon fibers with very high flexibility.

#### Indication for Use:

As an initial layer, it is used on **burns, traumas, and chronic wounds (diabetic, pressure, etc.)**, which by releasing silver nanocrystalline particles slowly exerts its antimicrobial and anti-inflammatory effects.

#### Method of Use:

- In order to use the dressing, **the bedsore must be first prepared:**
    1. Removal of necrotic tissues and sloughs mechanically or autolytically.
    2. Reducing the volume of microorganisms and controlling wound secretions by wound washing solutions.
  - Clean the wound or burn site with sterile distilled water.
  - Unpack the dressing.
  - Moisten the dressing with sterile distilled water.
- \* **Attention:** Do not use normal Saline.
- Place the Agicoat dressing directly on the wound so that the wound is in the middle of the dressing and at least 1 cm away from the wound on each side.
  - Fix the dressing in the place with sterile gauze and bandage.

#### General Notes:

- This dressing is not compatible with compounds such as betadine, antibiotic ointments (fatty base), or compounds containing sodium chloride, paraffin, iodine, Hydrogen peroxide; thus, avoid the use of the dressing and these products together.
- Remove before **MRI** and **CT** imaging.
- It is for local use only.

#### Dressing Change Time:

- It is better to check the Agicoat dressing in the first 72 hours after surgery or use, and in case of purulent or watery discharge or an unpleasant smell from the wound site, it should be changed. Otherwise, it can be placed on the wound for 7 to 14 days without changing.
- After the release of silver nanocrystalline particles and its effect on the wound, this dressing changes color from dark to light color, which indicates the dressing should be replaced.

#### Contraindications:

It should not be used for people who are allergic to silver or nylon.

#### Storage:

Do not store at a temperature above 50° C.