Nanoskin® offers an innovative and effective solution to a serious medical and social problem. To promote rapid healing in lesions caused by burns, ulcers of the lower limbs, or any other condition in which there is epidermal or dermal loss.
Nanoskin* - Main Characteristics

- 100% natural
- Biocompatible and non-allergenic
- No adverse reactions
- No sensation of pain
- Perfect occlusion of the wounded area
- Not permeable to external liquids and contaminants
- Natural antibacterial barrier
- Quick reduction of the wounded area
- Lower treatment cost.
- Occurrence of gas exchanges;
- Quick reduction of the wounded area.
- Natural antibacterial barrier
- Reduction healthcare costs.
- Post physical cauterization (cryotherapy, thermal cauterization, CO2 laser and Erbium);
- Decubitus Ulcers;
- Infected surgical wounds;
- Perforating plantar disease;
- Pressure ulcers;
- Venous ulcers;
- Arterial ulcers;
- Perforating plantar disease;
- Infected surgical wounds;
- Decubitus Ulcers;
- Post physical cauterization (cryotherapy, thermal cauterization, CO2 laser and Erbium);
- Epidermolysis Bullosa.

Advantages to the use of Nanoskin* :

- Easy application and adaptation to the wound bed;
- Protection and acceleration of the healing process;
- Absence of adverse reactions;
- Pain soothing characteristics;
- Comfort to the patient;
- Easy drainage of secretions;
- Visualization and evolution control of the lesion;
- Maintenance of the physiologic moisture between the wound bed and the membrane;
- Occurrence of gas exchanges;
- Lower treatment cost.

Target therapies:

- Skin/dermal burns;
- Dermal abrasions;
- Excoriation;
- Skin grafting sites, donors and receptors;
- Nail beds (after nail exeresis);
- Skin/dermal burns;
- Post physical cauterization (cryotherapy, thermal cauterization, CO2 laser and Erbium);
- Epidermolysis Bullosa.

Nanoskin is a novel Biotechnology and unique device indicated for wound treatment, diabetic foot ulcer, drug delivery applications.

Nanoskin fulfills an urgent unmet medical need for the treatment (and prevention) of complex chronic wounds.

The main aim of Nanoskin is to:

- Improve patient's life quality
- Accelerate chronic wound healing
- Reduce healthcare cost.

What is Nanoskin®:

Nanoskin is a patented, 100% natural biological film that is the result of years of research in bio-nano-technology. It is a fiber scaffold of nanometric size, with physical and mechanical properties that dramatically accelerates wound healing.

How does Nanoskin* work?

The Nanoskin membrane works by promoting:

- Maintenance of the physiologic moisture between the wound bed and the membrane;
- Tissue orientation for the epidermis and promoting tissue orientation for the epidermis and accelerating the healing process.
- Allowing efficient oxygen/nitrogen exchange within the wounded area, accelerating the healing process.
- Direct contact of the membrane with the wounded bed in order to promote new skin development.
- Maintenance of a wet wounded bed, accelerating the healing process.
- Isolation of the exposed nerve terminals, resulting in immediate pain relief.
- Reducing post-treatment inflammation.
- Direct contact of the membrane with the wounded bed in order to promote new skin development.
- Promotion of the wound healing process.
- Promote healing of chronic wounds.
- Promote healing of acute wounds.

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