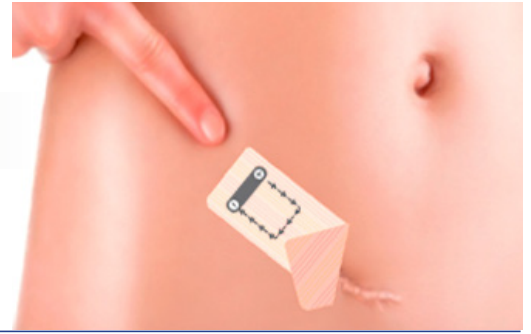


## IONTOPHORETIC PATCH

scar reducer



### PRODUCT DESCRIPTION

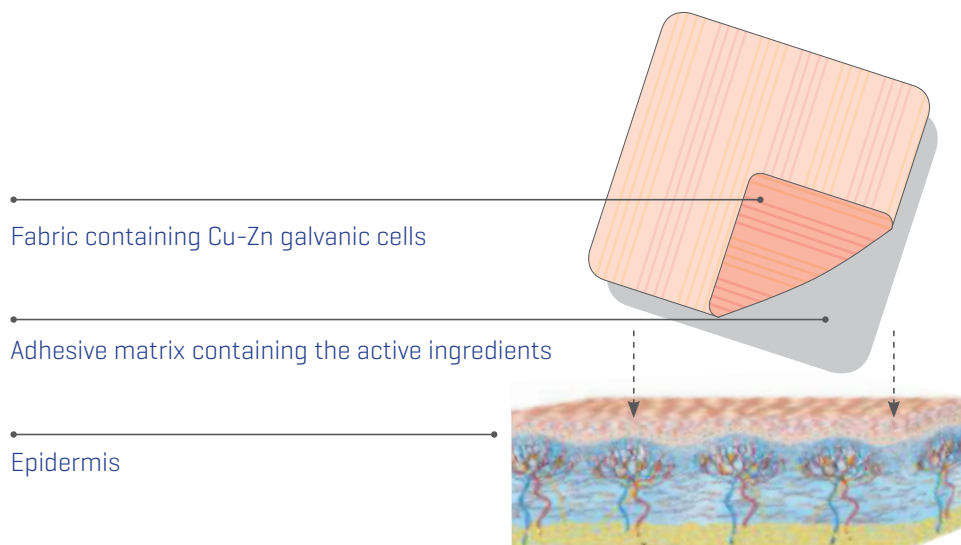
**Iontophoretic Patch Scar Reducer** is an electrodynamic patch with alternating voltaic cells that uses the principle of iontophoresis to enhance significantly the absorption of active molecules allowing to achieve a greater effect in scar reduction.

**Iontophoretic Patch Scar Reducer** represents the evolution of conventional patches and is much more effective thanks to its double action:

1. The electromagnetic field created by the patch generates an ion channel which allows a more efficient absorption of the active ingredients migrating through the skin.
2. The electro-ionic action creates a "cell massage" enhancing oxygen exchange between cells, revitalising connective tissue. Therefore, **Iontophoretic Patch Scar Reducer** provides stimuli that increase collagen production, thus enhancing skin elasticity and health, which leads to speeding up the healing process and reducing these unwanted skin marks.

As shown in the drawing below, the patch comprises two layers:

- An external tissue layer with galvanic cells of copper and zinc.
- An adhesive matrix containing the active ingredients and the polarising substances.



### INDICATIONS

Thanks to its properties, **Iontophoretic Patch Scar Reducer** is the best option to reduce recent or old hypertrophic scars. It is also useful in keloids [scars with an excessive growth, becoming very thick and with fibrous tissue] caused by burning, wounds or surgical procedures.

The oldest scars will require a longer treatment to achieve the desired effects.

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#### ACTIVE INGREDIENTS

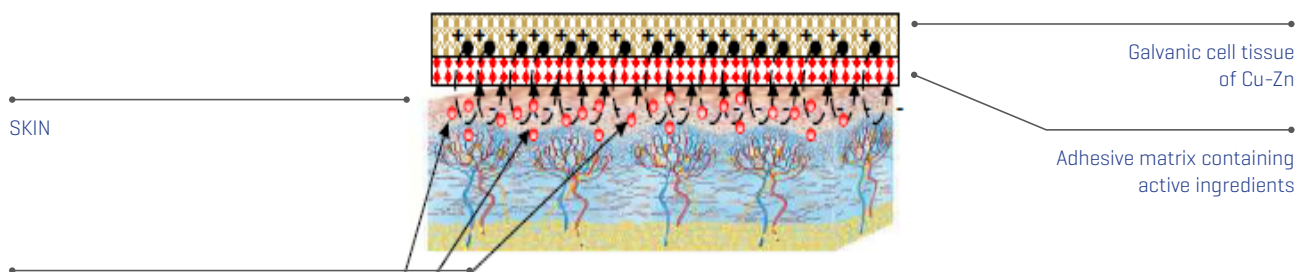
- **HYALURONIC ACID:** It is a natural skin component, necessary for repairing the dermis, and its deficiency is related to an abnormal arrangement of fibroblasts and loss of hydration, key factors in scar formation. Hyaluronic acid helps us keep the optimum moisturising conditions of the skin to be repaired.
- **EXTRACTUM CEPAE [onion extract]:** extract that helps improve collagen production at the sites where it is applied, improving markedly the appearance of scars.

#### MECHANISM OF ACTION

**Iontophoretic Patch Scar Reducer** is based on **IONTOPHORESIS** to take the active ingredients more effectively to the site of action while obtaining an improvement in the quality of connective tissue and skin. IONTOPHORESIS consists of introducing active substance ions through the skin induced by the low-intensity current generated by contact of the patch with sweat.

The adhesive matrix contains the active ingredients and polarising substances, so within a few minutes of application, thanks to the occluding effect of the patch, evaporation of sweating fluids occurs and wet the adhesive and the tissue, thus creating micro-currents of about 300 microamperes and a micro-magnetic field of about 4-10 nanoTeslas. All ionic substances present in **Iontophoretic Patch Scar Reducer** have electrical charge and will tend to displace to the opposite sign pole, where they will be absorbed more easily through the skin. Therefore, **IONTOPHORESIS** improves absorption of substances over the conventional topical use of scar reducing treatments, since, in addition to treating the area, it fixes the area thus enhancing skin cell regeneration.

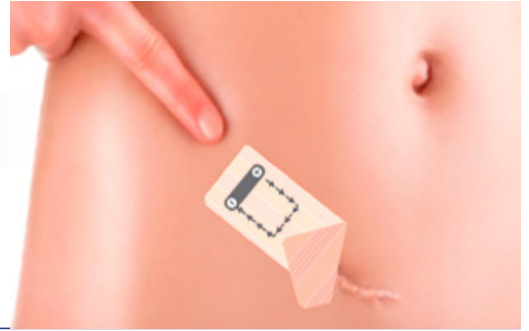
The action of these micro-currents and the micro-magnetic fields enhance ion exchange and oxygen use will provide the skin with a much healthier appearance and return it to optimum conditions. Because of mechanical, physical or chemical aggressions, aging of the dermis and collagen loss occur, so **Iontophoretic Patch Scar Reducer** allows to fight these signs of wearing.



The micro-current and the micro-magnetic field enhance passage of the active ingredients from the patch matrix to the skin

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#### INSTRUCTIONS

Apply an iontophoretic patch on the scar area, allow to act through the night (8-12 h) and remove the next morning.

**Iontophoretic Patch Scar Reducer** can be cut to fit perfectly the scar shape and size.

The results can be noticed from 6-8 weeks, depending on the type and oldness of the scar.

#### CATEGORY

Medical Device class I