Iontophoresis is an effective and painless method of delivering medication to a localized tissue area by applying electrical current to a solution of the medication. The diagram below illustrates the basic mechanism. Like electrical charges repel, therefore, application of a positive current will drive positively charged drug molecules away from the electrode and into the tissues; similarly, a negative current will drive negatively charge ions into the tissues.

Iontophoresis uses low level electrical current to speed up the delivery of the drug ions into the skin and surrounding tissues. It is an effective and rapid method of delivering water-soluble ionized (electrically charged) medication into the skin.

**CAUTIONS AND CONTRAINDICATIONS**

*Can iontophoresis be used on someone with a pacemaker?*

- No, the Phoresor Iontophoretic Drug Delivery System is contraindicated for use on patients with electrically sensitive support systems (eg, pacemakers).

*Can iontophoretic drug delivery be administered to sites over metal bone screws, plates or pins?*

- Yes, if the metal appliance is not exposed through the skin (ie, in actual physical contact with either electrode). Always avoid sites with exposed metal appliances.

*Can iontophoretic drug delivery be given over recent scar tissue?*

- Only if the skin site is completely healed can iontophoresis be used over scar tissue. Scar tissue has different electrical resistance from normal skin and should be treated with caution, starting with lower than maximum current.

*Can iontophoretic drug delivery be administered over damaged skin? For example, over lacerations?*

- The Phoresor Iontophoretic Drug Delivery System is contraindicated for use over damaged or denuded skin or recent scar tissue.

**INDICATIONS**

*What type of substances can be delivered using iontophoresis?*
Iontophoresis can be used to deliver water soluble ionic medications such as IONTOCAIN® (IOMED brand of lidocaine hydrochloride 2% and epinephrine 1:100,000 topical solution).

Is a prescription required for iontophoretic drug delivery?
Yes, federal law (USA) restricts the use of iontophoresis devices to use by or on order of a physician. IONTOCAIN® is prescription, also.

SENSATIONS
What does iontophoretic drug delivery feel like?
Many people feel little or no sensation at all. Others describe it as a tingling or warm sensation. The intensity of any sensation varies from one patient to the next.

What skin reactions can be expected following routine iontophoretic drug delivery?
The skin under the electrodes may exhibit mild reddening. This is caused by small blood vessels in the skin expanding due to the presence of direct current. Direct current can also cause mast cells to respond by releasing histamine. This can manifest itself as small bumps, small fluid-filled blisters, or petechiae (small purple or red spots) at either electrode site. These reactions are normal and generally resolve within several hours to a few days. Patients may also experience dryness or itching at the electrode sites. Although remote, the possibility of a burn to the skin exists.

Factors that affect the types of skin reactions seen following iontophoresis treatments include:

- The patient's skin type: Fair or sensitive skinned patients will usually exhibit more skin irritation or sensation.
- The patient's sensitivity to DC current, which can cause increased redness. DC current can also cause the release of histamine in the skin. In sensitive individuals this can lead to the appearance of an allergic reaction (small white bumps or hives) even though the patient is not allergic to the drugs used.
- Skin pigmentation: In darker skinned patients, the normal reddening is usually less visible than with lighter skinned patients.

What can be done to minimize skin irritation?
Proper skin cleansing prior to a treatment is very important in reducing or eliminating skin irritation. Both electrode sites must be scrubbed thoroughly with an alcohol wipe prior to treatment. Some soil or contaminants are usually visible on the wipe after cleaning the skin, even on the cleanest patient!

What is recommended for soothing any minor skin irritation that may exist after iontophoretic drug delivery?
Preparations with aloe vera gel that replenish skin moisture are reported to work well. Any non-irritating, unscented, oil and grease free, neutral pH skin lotion can be used on both electrode sites.

What do treatments feel like?
Many people feel little or no sensation at all during the treatment. Some people feel a tingling or warm sensation under one or both of the electrodes. This feeling usually decreases or disappears after a few minutes as the person becomes used to the sensation. This sensation can vary depending upon the body site being treated.

Does total fluid volume in the drug electrode influence the amount of drug delivered?
No, electrode fill volumes have little to do with the total amount of drug ions delivered to the treatment site. The fill volume is a function of the size of the electrode being used. Always follow the fill volumes as specified in the electrode’s directions for use.

**Are iontophoresis electrodes sterile?**
No, as iontophoresis is non-invasive, sterility is not required. Skin preparation with alcohol prior to treatment is to remove dead skin cells, lotions and other contaminants that might reduce conductive efficiency.

**Can iontophoresis electrodes be used more than once?**
No, the electrodes are single-patient single-use. The dose controller (Phoresor®II Auto Model PM850 or the Phoresor PM900) is a permanent unit and will provide many years of reliable and dependable use.

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**Guinot Treatments**

**Hydradermie (Cathiodermie)**
These classic facials deep cleanse, rehydrate and regenerate the face, neck and eye areas. This luxurious treatment uses gentle galvanic and high frequency electro therapy and is suitable for all skin types.

**Hydra plus**
A three in one extraordinarily relaxing facial to diminish signs of ageing from the face, eyes and neck, again using gentle electro therapy together with special gels, serums and masks for specific areas and we incorporate lots of lovely massage. This is also suitable for all skin types.

**Hydradermie Eye Treatment**
A preventative & corrective treatment aimed at fine lines, shadows and puffiness. A course of three treatments is recommended.

**Hydradermie Neck Treatment**
An effective treatment for delaying ageing signs on the neck. A course of three treatments is recommended.

**Beaute Neuve Peeling**
Suitable for all skin types, this AHA based facial uses gentle fruit acids for their revitaalising effects on the complexion. For the best results three sessions over three consecutive weeks are recommended.

**Liftosome**
This unique toning and firming facial uses high concentrations of vitamin C and proteins to strengthen the skin’s elasticity and stimulate cellular regeneration. A course of two sessions over two consecutive weeks is recommended.

**Essential Facial, Guinot for Life**

This is an introductory facial for new clients and includes a personalised consultation.

**Les Aromatics**

The aromatherapy trio of prescription facials containing specially selected plant extracts and blended essential oils. We offer a choice of three hands-on treatments to suit all skin types.

**Discovery** A three-phase facial that is an ideal introduction to the Guinot range.

**Vitality** A four-phase facial, an ideal boost when time is of the essence.

**Radiance** A luxurious five-phase facial.

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**Tea-Tree Facial**

Using the popular Australian Body care range, this facial is specifically designed to treat younger, combination and problem skins. It leaves the skin looking vibrant and feeling clean and refreshed. A lovely way to introduce girls and boys alike, to the benefits of skin care.

**CACI Facial Treatments**

The CACI facial treatment programme consists of a course of deeply relaxing facials that tighten and tone sagging muscles, whilst smoothing the appearance of fine lines and wrinkles using micro-current technology.

**Hydradermie**

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1. **3 Key Steps for a Complete Transformation**

   Ionization to convey the active ingredients to the heart of the skin.

   First, fortified gels are applied on the skin. Next, 3 roller electrodes, followed by 2 ball 2 electrodes are guided gently over the face, transmitting
Experience the high tech. Internationally recognized multifaceted facial which makes use of a mild electrical current to enhance the penetration of specifically chosen gels to suit your skin needs.

In just over an hour, this multifaceted facial delivers the ultimate deep cleansing, purification, oxygenation, and maximum hydration to regain your skin's natural radiant complexion.

1. High Frequency charge to boost the cells
2. A sheet of gauze is placed over the face and an alternating current is diffused through a glass electrode. This immediately stimulates the microcirculation and prompts the intercellular exchanges, improving the supply of oxygen to the cells.
3. The "lifting" massage to enhance the complexion

On prepared skin, manual techniques really work miracles. Massage, light pressure and smoothing movements along with a tightening serum and relaxing gel, leave the features relaxed and the complexion glowing.