Iontophoresis

Iontophoresis is a modality that uses electrical current to introduce ionized medicine into the tissue of the body. Iontophoresis is used to treat inflamed joints, tendons and muscles that occur after physical activity such as tennis elbow, carpal tunnel and wrist injuries.

Indications

- Indicated for administration of ionic solutions to a localized area of the body.
- Pain
- Inflammation
- Fungus
- Gout

Contraindications

- Patients with excessive susceptibility to application of electrical currents,
- Patients with cardiac pacemakers or other electrically sensitive implanted devices,
- Patients with known sensitivity to the Ionic Solutions to be administered.
- Use over damaged or denuded skin, or over recent scar tissue.
- In the application over the thoracic area, across train tissue, or in the orbital region
- Decreased sensation
- Pregnancy
- Cancer
- Allergic to medication (ion)
- Over metal
CAUTIONS:

- Federal law (USA) restricts this device to sale by or on the order of a physician.
- Do not exceed a maximum application current for each electrode.
- Before beginning treatment, advise patients that iontophoretic treatment can cause skin irritation or burns.
- Question the patient regarding previous adverse drug reactions. Avoid Iontophoretic application of Ionic Solutions that are known to cause adverse reactions in the patient.
- During iontophoresis, electrical discharges (sparks) may occur, which could result in flammable material or vapors being ignited.
  - Do not use this Iontophoretic Electrode with current over 2.0 mA.
  - Do not conduct this test on fragile skin.
  - Do not use electrodes that have been altered or damaged in any way.
Steps for the use of an Iontophoresis machine

1. Remove the backing from the adhesive and apply the drug pad on the selected treatment site and secure it by pressing on the adhesive border.

**Note** – Avoid pressing directly on the hydrated pads; excessive pressure can cause drug to leak.

2. Advise patient to wear the Companion 80 as directed.

3. At the completion of treatment, advise the patient to remove and discard the Companion 80.