Hypothermia Cap-CAP610

(Used extensively in Europe for reduction of alopecia)

The ideal soothing cold therapy.
The Elasto-Gel™ Therapy Products are designed to provide soothing cold therapy for relief of minor muscular and joint aches and pains. The cold therapy will last 20 to 40 minutes per application. The cap is a one piece construction, which results in uniform application of cold therapy. When used cold, the product conforms to contours, even at -20°F (-30°C), allowing comfortable cold applications.

A specially formulated gel:
This product is made with Elasto-Gel™, a patented* gel with exceptional properties for transferring cold. If punctured, it will not leak and will remain usable. The unique combination of specially selected fabric and tough flexible gel provides an exceptionally durable product.

DIRECTIONS FOR USE

COLD THERAPY: This product may be used whenever cold therapy is indicated: headache, fever, etc….

General Applications: Store the cap in the freezer for a minimum of three (3) hours at -10°C (5°F) or colder. When used for the reduction of alopecia (hair loss)¹, for patients receiving chemo-therapy, studies have shown the cap works best when stored in a freezer for twelve (12) hours and in the temperature range of -25°C. The cap may be left in the freezer indefinitely until ready to use. It will remain flexible even at -20°F. Remove the cap from the freezer prior to defrosting it. Note: Always store products in a plastic bag while in freezer and keep the cap as dry as possible.

Place the hypothermia cap on the head and keep in place by fastening the elastic strap with the hook/loop attachments. (Works best if strap goes under chin.) It may be necessary to protect the neck, forehead and ears with cotton strips or cotton cloths. The cap should be in place for a minimum of 15 minutes but can remain in place for an additional 30 minutes.

When using the cap in combination with other treatments such as Chemotherapy: Docetaxel, Taxotere® Epirubicin-Based, Mitoxantrone, Vinorelbine, etc… (Various Chemotherapy Drugs). To use: Moisten the hair with cold water and cover with a disposable hair cover. Studies have proven that hair loss may be reduced by using the cap 15 minutes before the chemotherapy treatment is initiated and continued use up to 30-40 minutes after therapy is completed. The cap should be replaced with another cold cap every 20 minutes throughout the chemotheraphy application for best results. The cap should be held firmly against the head. Gauze or elastic wrap may be advantageous. Protect the ears and forehead with gauze or cotton to prevent frostbite. This procedure will provide continuous vasoconstriction with a reduced blood flow to the scalp, leading to a reduction in the quantity of drugs reaching the hair follicles² and reduces the loss of hair. This means that the drug is present at high concentrations in the capillary circulation for a duration which is shorter than that of hypothermia. The reduction of the cellular uptake of the treatment drugs by the hair follicles may also be attributed to the lower temperature³. Some research scientists have concluded that, a reduction in the metabolism of local tissue, in response to low temperature rather than reduced blood flow, is the most significant factor in preventing alopecia⁴,⁵. Note: Most physicians recommend that the cold cap should not be used in hematological malignancies or solid tumors which could spread to the scalp⁶.

Note: Hair should be styled as short as acceptable to the patient. Thinning the hair may also be helpful if hair is thick or full. The cold cap is safe and well accepted by patients. No significant side effects other than the discomfort of the cold have been reported.

CLEANING INSTRUCTIONS: Wipe the cover down with a damp (not wet) cloth. A mild soap or disinfectant may be used. Allow the product to fully air dry before continuing to use.

¹ Lemenager M, Lecomte S, Bonneterre M.E., Bessa E, Dauba J, Bonneterre J. Effectiveness of Cold Cap in the Prevention of Docetaxol-Induced Alopecia.