

## CryoPro

Comparing cryosurgery with curettage for intraepidermal carcinoma treatment



### Case information

*Study title:* Cryosurgery versus curettage for intraepidermal carcinoma: A randomized controlled trial

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*Aim:* To compare the effectiveness of cryosurgery to curettage for treatment of intraepidermal carcinoma.

### Solution and method

The study included 147 adult patients presenting with intraepidermal carcinoma located above the knee. Lesion diameters ranged from 5 to 20 mm.

Cryosurgery was performed using a CryoPro Mini cryosurgery unit with the accompanying B-sized nozzle and neoprene cone to isolate the lesion. The unit was held 1 cm from the skin, and liquid nitrogen was sprayed in circular motions for 10–25 seconds until a 4 mm frost halo formed around the lesion.

### Results and conclusions

The study demonstrated that cryosurgery using the CryoPro Mini achieved a significantly higher overall clearance rate (94.6%) compared to curettage (78.9%).

These findings confirm that CryoPro cryosurgery is a highly effective treatment option for intraepidermal carcinoma.

### BENEFITS of the CryoPro

#### Safe cryotherapy at low temperatures:

The CryoPro utilizes liquid nitrogen at  $-196^{\circ}\text{C}$ , which is a non-toxic and readily available gas. The low temperature provides a quick freeze of the treated lesions.

#### High efficiency, low cost:

The CryoPro provides excellent results with a low cost per treatment. CryoPro cryotherapy is indicated for a wide range of conditions, including acne, hypertrophic scars, solar lentigo, basal cell carcinoma and many more.

#### Durable and reliable:

The CryoPro is built to last, and the high-quality materials ensure efficient cryotherapy for many years.

### The CryoPro

Is available in two sizes to accommodate all cryosurgery needs. Choose between the CryoPro Maxi (500 mL) and the CryoPro Mini (350 mL).

To learn more about our solutions, visit [cortex.dk](http://cortex.dk)



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