

HILOTHERM[®]

ChemoCare[®]

The effective cooling treatment.

HILOTHERAPY[®]

The world's first processor-controlled
hand/foot cooling to prevent CIPN.
Simple. Compatible. Highly effective.

HILOTHERAPY[®]

**Prevention of
Polyneuropathy/Nerve Damage [CIPN]
and Hand-Foot Syndrome [HFS]**



Stand: 2022-04

HILOTHERM[®]

The treatment for a better quality of life.

The problem:

Diagnosis cancer – chemotherapie – CIPN

Despite innovative targeted therapy approaches, chemotherapy is still one of the most important therapeutic components in the treatment of cancer. It contributes to improving the long-term prognosis of oncological patients, but also causes side effects.

Chemotherapy-induced polyneuropathy [CIPN] is a frequent complication of many antineoplastic system therapies.

The danger: CIPN \geq Grade 2

- **Therapy postponement**
- **Dose reduction**
- **Termination of therapy**
- **Deterioration of the long-term prognosis [outcome]**
- **Deterioration of quality of life for many years and often irreversible**

Studies show: high incidence rates.

The incidence rate of CIPN [grades 1-3] is significantly higher than previously thought, at 74.4% [Blackley et al, 2019].

- **33% grade 2/3 toxicities** with three weeks of Taxol administration [Seidmann et al., JCO 2008]
- **51% grade 2/3 toxicities** with weekly paclitaxel administration [Seidmann et al., JCO 2008]
- **27% ≥ grade 2 toxicities** with paclitaxel weekly [Sparano et al., N Engl J Med 2008]

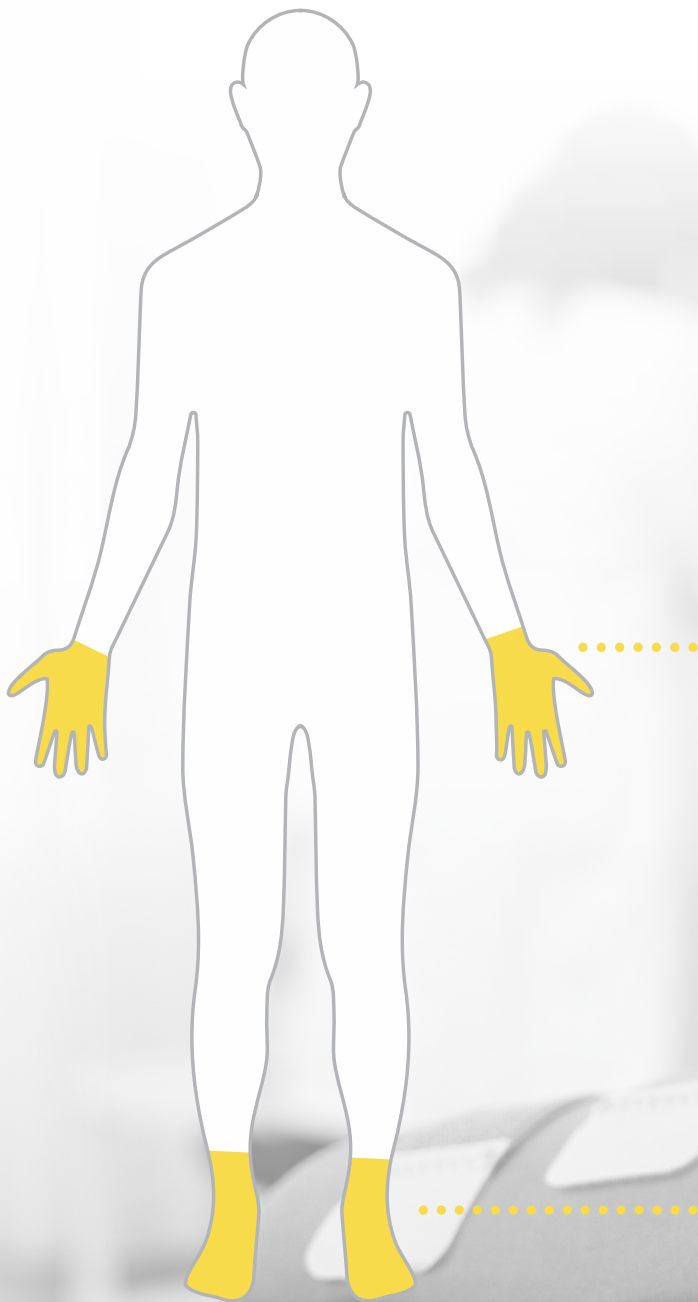


HILO THERM ChemoCare® CIPN
The effective cooling treatment.

The solution:

HILOTHERAPY®
The effective cooling treatment

For the prevention of
Polyneuropathie [CIPN]
and Hand-Foot-Syndrom [HFS].



HILOTHERAPY®

The world's first processor-controlled
hand/foot cooling to prevent CIPN.



HILOTHERM ChemoCare® CIPN

Controlled cooling of the extremities during chemotherapy.

Advantages:

- + Processor-controlled thermal process accurate to the degree
- + constant cooling of the hands and feet with moderate coldness
- + Oxygen demand of the tissue, metabolism as well as blood circulation are reduced
- + reduced uptake of cytotoxic substances into the nerve endings - Reduction of nerve damage
- + Pain receptors are positively influenced - pain relief

The HILOTHERM ChemoCare®-device is equipped with special hand/foot cuffs and enables constant cooling of the extremities.

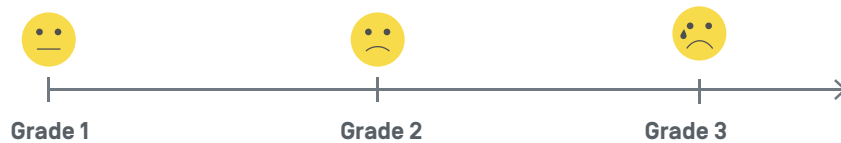
**Simple. Compatible.
Highly effective.**



Efficacy:

Our data prove the prophylactic effectiveness of HILOTHERAPY®.

Without prophylactic HILOTHERAPY® 90% of all patients inside develop symptoms of CIPN and Hand-Foot-Syndrom [Grade 1 - 3] – 50% of them severe [Grade 2/3].



+ 93% Grade 0-1

Used as prophylaxis, 93% of patients remain pain-free and without limiting symptoms [CIPN < grade 1].
No impairment in everyday life.

+ Fewer symptoms

Even starting HILOTHERAPY® later in treatment will have an effect:
the progression of severe CIPN is halted and it will prevent existing problems getting worse.

+ Faster symptom-free

4 weeks after last chemotherapy:
96% of all patients with prophylactic HILOTHERAPY® show only grade 0 - 1 symptoms.

Sustainable results:

12 months after the end of chemotherapy, 98% of all patients are still symptom-free [CIPN < grade 1].

**” ” I am an oral surgeon -
loss of sensitivity in my fingers
would have resulted in me
not being able to practice
my profession.
Thanks to HILOTHERAPY®
I have not developed
any CIPN symptoms. ” ”**

Patient Hannelore Sch.

**Get the best results when starting with
the first chemotherapy treatment:**

The earlier you start HILOTHERAPY®, the better.
Grade 2 and 3 toxicities can be greatly reduced
or avoided.

**Cross your heart.
You try to do everything possible
to reduce side effects of chemotherapy
and better quality of life
for your patients.**

Also with HILOTHERM®

HILOTHERM Chemo Care® CIA

Controlled scalp cooling
to avoid or reduce
chemotherapy-induced
alopecia / hair loss [CIA]



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HILOTHERM®

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The treatment for a better quality of life.