“We have actually seen in real time the way the Lympha Press device can activate the lymphatics to enhance lymphatic flow using near-infrared imaging technology. This validates what we understand clinically: that patients improve when they use the Lympha Press pneumatic compression device (PCD).”

- CAROLINE E. FIFE, MD
  Chief Medical Officer,
  Intelicure, Inc.

Lympha Press Clinical Study Breaks New Ground in Lymphedema Care

Study published in the Journal of Innovative Optical Health Sciences

This groundbreaking study is the first to demonstrate the direct impact of pneumatic compression on lymphatic function in lymphedema-affected extremities, and showed how Lympha Press stimulated lymph vessel uptake and transport in real time during a treatment session.

The Study showed increased lymphatic flow and decreased time between lymphatic pulses during and after Lympha Press therapy.

ACCELERATED lymph flow + MORE lymph pulses = Lympha Press WORKS.
CONCLUSION

Using new, Near-Infrared Technology, researchers were able to readily identify the increase in lymphatic flow in the patient’s lymphatic system during Lympha Press® treatment.

- Lympha Press® increases flow of lymph fluid
- Lympha Press® decreases the time between lymphatic pulses during and after use

Images taken of actual Lympha Press® patients before and after treatment

“Subjects were injected intradermally with microdoses of indocyanine green (ICG), a near-infrared fluorescent dye that binds to albumin and other proteins.*

A custom, windowed garment enabled the research team to see that when treated with Lympha Press®, not only lymph fluid was transported but also proteins, bound to the dye, were transported in lymphedema-affected parts of the body.”

- MELISSA B. ALDRICH, PhD

* Davies-Venn, et al., Molecular Imaging and Biology, 2011

FOUR KEY TAKEAWAYS

01 The Study demonstrates that Lympha Press treatment causes absorption of lymph fluid, including proteins, by the lymphatics in lymphedema affected parts of the body.

02 The Study demonstrates that Lympha Press increases distal to proximal lymph transport in lymphedema-affected extremities.

03 The Study demonstrates that Lympha Press® increases speed and flow rate of lymph in affected extremities.

04 The Study demonstrates the lymph vessels pulsing in response to the Lympha Press compression cycle.

This groundbreaking study marked the first time that the impact on lymphatic flow was actually observed in action.

For the complete study, please visit: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5665410/

For more information, contact Medical Solutions Supplier at 800.734.0422 or visit www.medsolsupplier.com