



# Dayspring™ Therapy

Upper Extremity



## ACTIVE COMPRESSION REIMAGINED

Lymphedema is a serious chronic condition caused by a compromised lymphatic system, which if left untreated, can severely degrade a patient's health and erode Quality of Life (QoL).

Clinician and self-administered manual lymph drainage (MLD) along with compression therapy and exercise are important in successfully managing the swelling and encouraging lymph flow through the body.

Dayspring Therapy is the first active compression solution to enable movement and mobility while promoting flow of lymph fluid.



# ENABLES MOVEMENT THAT MATTERS

Keeping body lymph moving, especially through an affected limb or in areas where lymphedema may develop is an important aspect of a self-care routine.<sup>1</sup>

- ▼ Provides active, sequential, gradient compression to increase lymphatic flow
- ▼ Uses innovative, Flexframe™ technology that allows patients to move during treatment



## DESIGNED FOR REAL LIFE

Managing and treating chronic lymphedema is only effective if therapy can be readily incorporated into your patient's daily life.

- ▼ Designed and engineered with real life demands in mind
- ▼ Why choose between pausing to perform therapy or moving through the day, when your patients can do both



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*Dayspring has literally given our patients a new life.*

Phyllis, RN, CLT, BSN  
Ginger-K Lymphedema & Cancer Care Center  
(Study Investigator)



# ACTIVE COMPRESSION THAT IS WEARABLE

Compression system built on an innovative, mobile platform using patented Flexframe™ technology.<sup>2</sup>

- ▼ Designed for comfort and mobility<sup>3</sup>
- ▼ Provides adjustable range of therapeutic treatment pressures
- ▼ Portable, versatile, easy to use



## Dayspring garment

Made to measure,<sup>4</sup> low-profile, garment made of soft and breathable mesh

## Smart controller

Rechargeable smart controller that fits in your palm



## Compact carrying case

Perform self care at home or on the go



Responsive Flexframes™ provide controlled, rhythmic, sequential gradient compression<sup>5</sup>



Adjustable fasteners allow for one-handed donning and doffing

<sup>2</sup> Spring-like segments embedded with highly durable shape memory alloy that contract and relax when powered by the Dayspring controller

<sup>3</sup> Bending the elbow more than 20 degrees is not recommended and may damage the Dayspring system

<sup>4</sup> Accommodates limb circumferences up to 50 cm

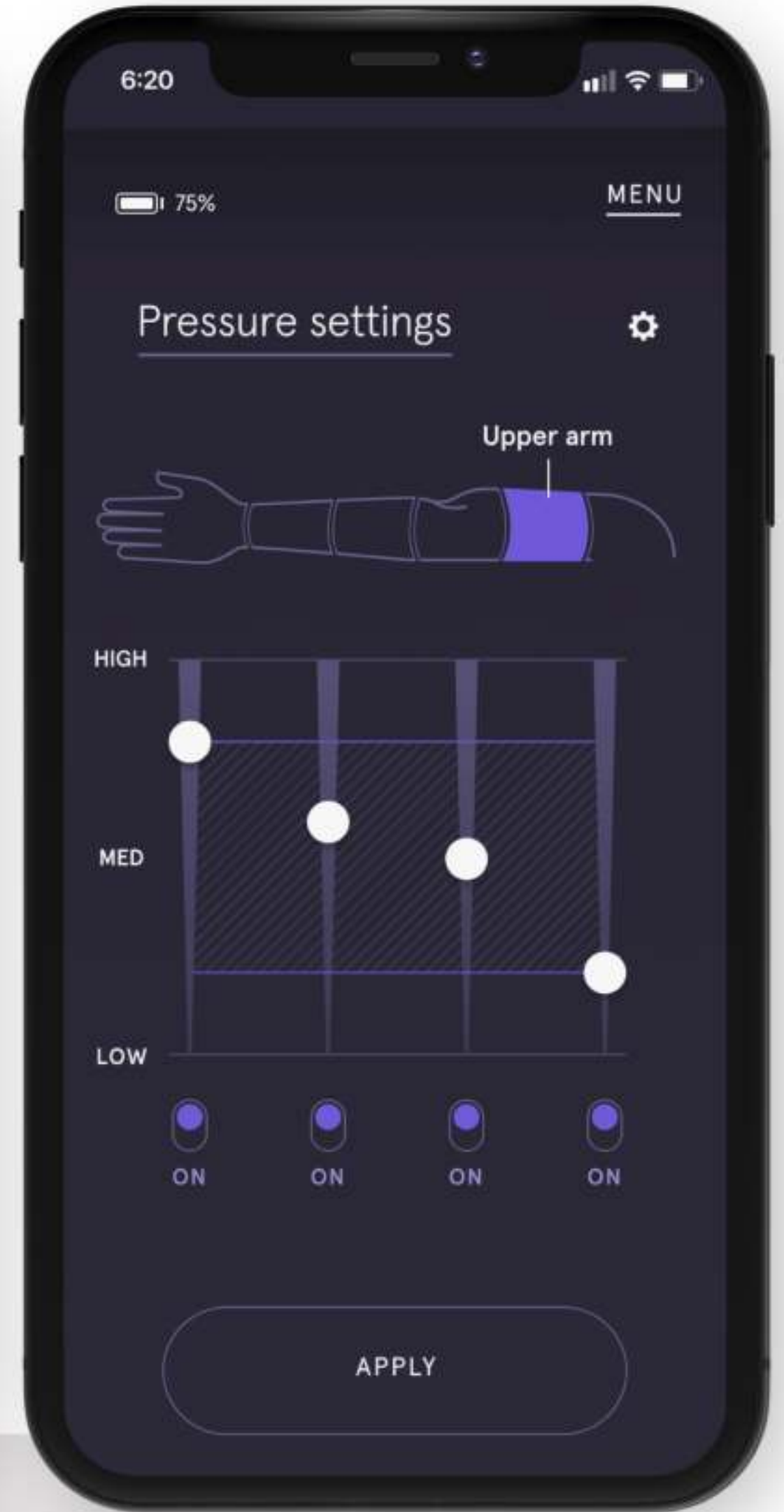
<sup>5</sup> Up to 14 Flexframes™ depending on limb size



# SMART, PERSONALIZED CARE IN AND OUT OF THE CLINIC

Designed with clinicians and patients in mind to support personalized treatments.

- ▼ Custom treatment options through a beautiful and convenient interface, the Koya App®
- ▼ Turn on/off pre-treatment preparation, personalize pressure settings, or skip segments
- ▼ Built-in safety system to maintain a gradient and prevent any selections that may result in backflow



IOS AND ANDROID COMPATIBLE



® Koya App is optional and not required to use the Dayspring™ system

App Store is a registered trademark of Apple, Inc.  
The Google Play logo is a trademark of Google LLC.



# CLINICAL STUDIES

A Non-randomized, Open-Label Study to Evaluate the Safety and Effectiveness of an Active Smart Wearable Compression Technology for Treating Breast Cancer Related Lymphedema, a pilot study (N=40).<sup>7</sup>

- ▼ Demonstrated safe and effective use without any adverse events
- ▼ >90% of study participants preferred study device to existing active compression devices

- ▼ Showed significant improvement (18%) in overall Quality of Life and in Symptoms, Body Image/Appearance, Function and Mood after 28 days of use
- ▼ Limb volume was maintained or reduced after 28 days of use
- ▼ Observed 98% adherence over the course of study

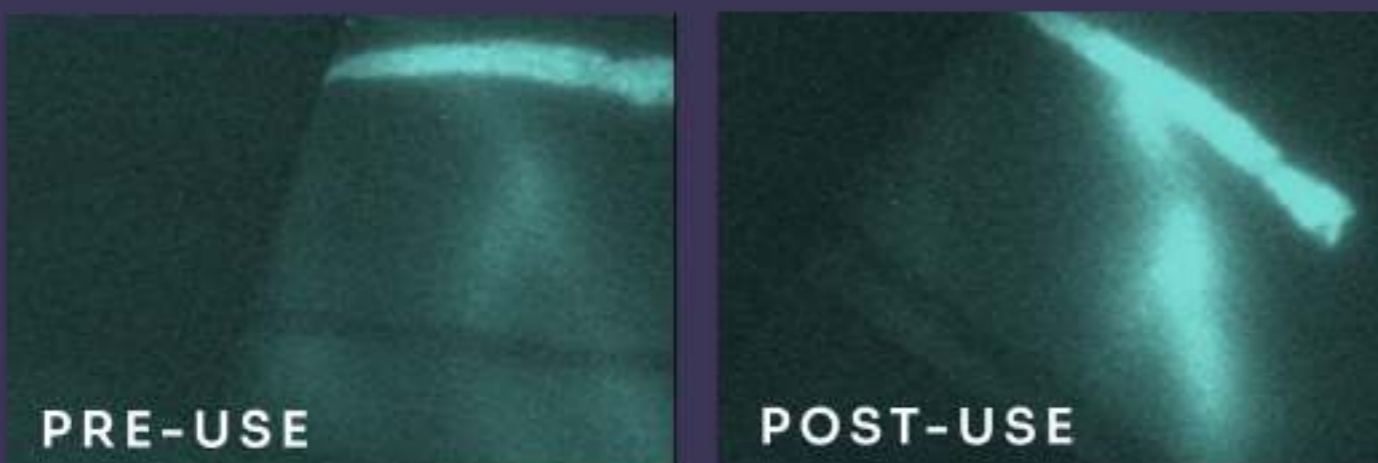
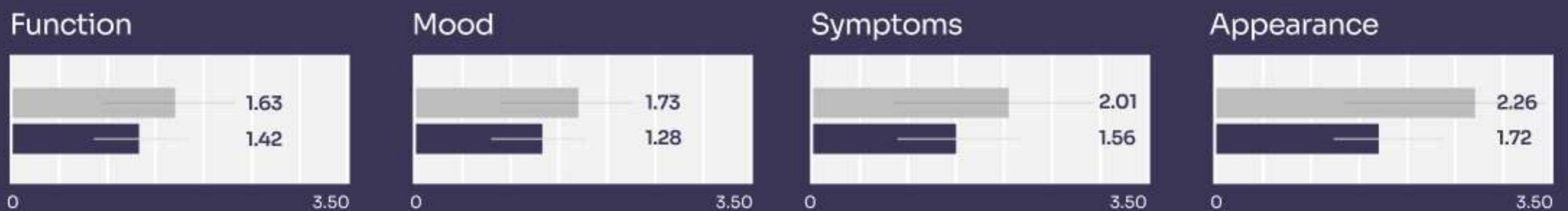
**LYMQOL Overall Quality of Life** Higher is better |  $p < 0.001$



**Volume Maintenance**



**LYMQOL Functional Subscales** Lower is better |  $p < 0.001$



Near Infrared Imaging (NIR) to Evaluate Lymphatic Response to an Ambulatory Smart Wearable Compression Device<sup>8</sup> (N=7)

- ▼ Observed lymphatic transport in all subjects post device use
- ▼ Observed subject mobility and treatment limb movement during device use
- ▼ No adverse events reported

<sup>7</sup> Rockson, SG.; Karaca-Mandic, P.; Skoracki, R.; Hock, K.; Nguyen, M.; Shadduck, K.; Gingerich, P.; Campione, E.; Leifer, A.; Armer, J. Clinical Evaluation of a Novel Wearable Compression Technology in the Treatment of Lymphedema, An Open-Label Controlled Study. Lymphatic Research and Biology 2021, In press.

<sup>8</sup> Wigg J. Near-Infrared (NIR) imaging study of the lymphatic movement in patients with Lymphedem. British Lymphology Society. 2020.



When you need to add active compression to your patient's treatment, give them Dayspring Therapy, the first treatment that provides them with sequential gradient compression and enables movement that matters.

FDA cleared, prescription only medical device indicated for the treatment of the following:<sup>9</sup>

- ▼ Lymphedema
- ▼ Primary lymphedema
- ▼ Post mastectomy edema
- ▼ Edema following trauma and sports injuries
- ▼ Post immobilization edema
- ▼ Venous insufficiency
- ▼ Reducing wound healing time
- ▼ Treatment and assistance in healing stasis dermatitis, venous stasis ulcers, or arterial and diabetic leg ulcers
- ▼ Lipedema
- ▼ Phlebolymphe<sup>9</sup>dema

The Dayspring system is developed on a wearable compression technology platform, which is designed to provide mobility for patients.



<sup>9</sup> For full prescribing information, please review Dayspring Directions for Use.

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