

Take a Positive Step to Improve Your Patient's Quality of Life.

L-Dex® U400

A bioimpedance spectroscopy (BIS) device to aid in the clinical assessment of unilateral lymphedema of the arm and leg in women, and the leg in men.



L-Dex U400 Outputs

- Patient's L-Dex value
- Change in L-Dex from previous measurements

L-Dex U400 Kit Includes

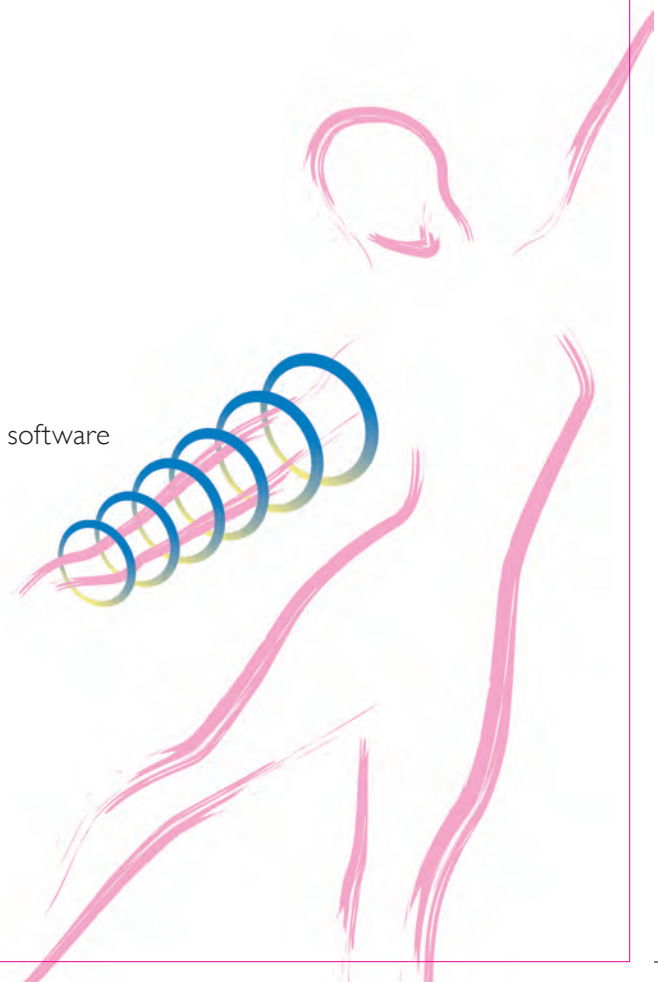
- L-Dex U400 device
- Test Cell to verify device function
- Carrying Case for portability
- Patient lead set with clips
- Recharging unit
- Impsoft® PC software for advanced charting and report creation
- Ethernet cable for synchronization with Impsoft PC software

Impsoft PC Software

- Advanced patient database management
- Charting and annotating of patient history plots
- Ability to record clinical notes
- User definable fields
- Printable reports

L-Dex U400 Specifications

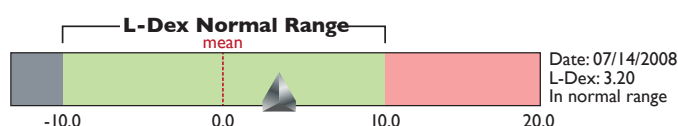
- 3-1000 kHz frequency range
- Internal rechargeable Li-ion battery
- Graphic touch screen display
- Ethernet port for fast and convenient data synchronization with Impsoft PC software
- Onboard storage of patient's results and result histories
- Onboard patient database management



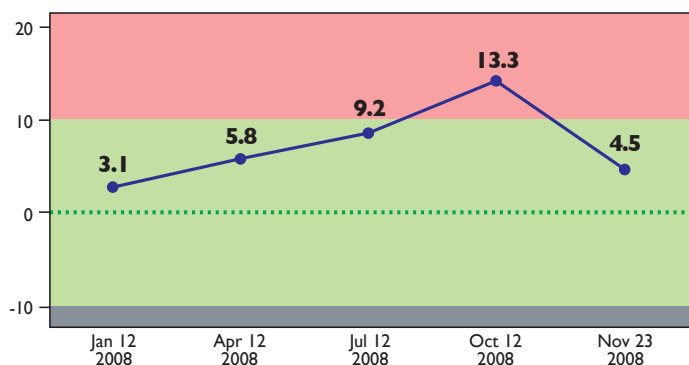
Superior Lymphedema Assessments

The L-Dex® (lymphedema index) is a method to aid surgeons and oncologists in the clinical assessment of unilateral lymphedema of the limb. It provides professionals with a tool to directly assess the early stages of lymphedema—in many cases before visible swelling is apparent.¹

L-Dex measurements are generated by a low frequency electrical signal transmitted to the patient from the U400 device through skin surface electrodes. The measurement is imperceptible to the patient and is not confounded by weight or muscle changes that may occur in patients who suffer from, or are at risk of, lymphedema.



L-Dex values that lie outside the normal range may indicate the early signs of lymphedema, and values that have changed +10 L-Dex units from baseline may also indicate early lymphedema. The L-Dex scale is a tool to assist in the clinical assessment of lymphedema by a medical provider.



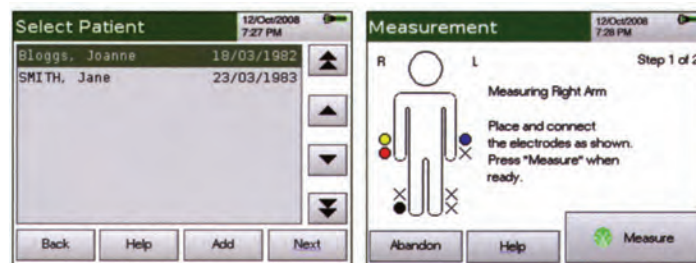
A hypothetical example of a patient's L-Dex score.

References

1. Cornish BH, Chapman M, Hirst C, Mirolo BR, Bunce IH, Ward LC and Thomas BJ: Early Diagnosis of Lymphedema Using Multiple Frequency Bioimpedance. *Lymphology* 34, 2-11, 2001.
2. Gergich N, Pfalzer L, Soballe P, Washington F and McGarvey C: Preoperative Assessment Enables the Early Diagnosis and Successful Treatment of Lymphedema. *Cancer* Vol. 112, June 15, 2008, pp2809-2819.

Rapid Assessments with Touch Screen Technology

The L-Dex U400 is easy-to-use and provides a rapid, non-invasive and cost effective measurement tool for busy healthcare centers.



1. Select patient

2. Measure the arms or legs



3. Review the L-Dex value

4. Assess the change in L-Dex

Clinically Track Your Patient's Progress with ImpsoftPC software

This hypothetical example demonstrates how a patient's L-Dex value can assist in clinically assessing a patient over time. A baseline measurement is ideally taken before treatment and additional measurements should be taken periodically following primary treatment. This enables the physician to compare each patient with their own baseline value in their clinical assessment. Additionally, the physician can be aided in monitoring the effectiveness of any treatment process.

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