

LymphaSense

Enabling Life-Changing Lymphedema Screening

What is Lymphedema?

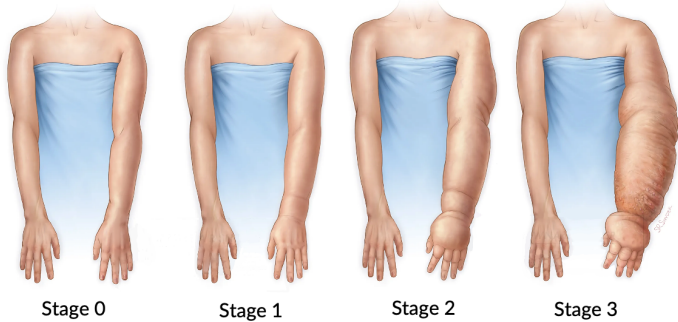
Lymphedema is a disease commonly caused by breast cancer treatment that results in extreme limb swelling and pain.

1 in 8 women

are diagnosed with breast cancer in the United States.

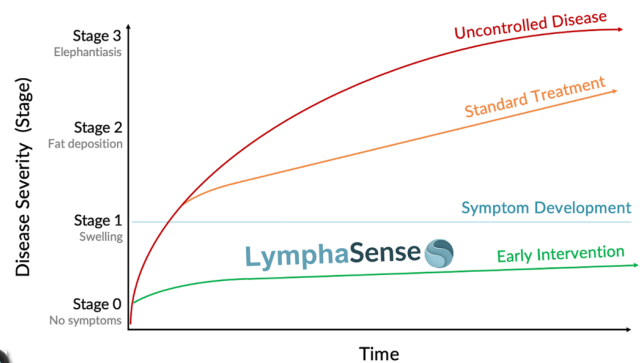
20%

of breast cancer patients develop lymphedema.



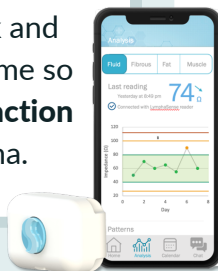
Why This Matters

If lymphedema is not caught early and treated, patients **suffer more and pay more.**



How LymphaSense Helps

With **LymphaSense**, patients take quick and easy tissue measurements in their own home so that patients and their clinicians can **take action** at the earliest warning signs of lymphedema.



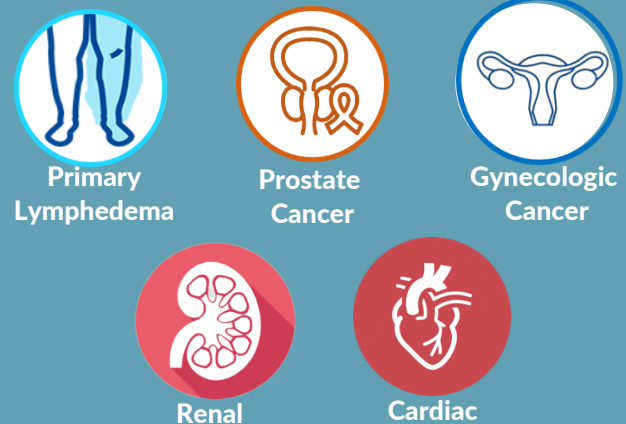
We've Formed Strategic Partnerships



3 Revenue Streams Enable Recurring Income

- Sensor Device** (Illustrated with the physical device)
- Single-Use Patch Electrodes** (Illustrated with a patch)
- Software Subscription** (Illustrated with a smartphone and computer monitor showing the app interface)

Follow-On Markets



Value Milestones
(through end of 2023)

Design Freeze
2022

Complete all safety testing
2022

Initial in-human study completed
2023

Begin FDA clearance study
2023

The LymphaSense Team

Our team is uniquely equipped to solve this problem. We are a team of engineers, product designers, and surgeons from Johns Hopkins. We are advised by an extraordinary group of industry leaders, clinicians, business advisors, and patient advocates.



Hunter Hutchinson
Chief Executive Officer
Co-Founder

Hunter manages and directs the company toward our primary goals with strong analytical, communication, and leadership skills. Her experience managing and providing technical support for clinical trial research and device implantation in the operating room during her four years as a Field Clinical Specialist for Boston Scientific prior to joining our team has been instrumental in our product testing phase. Hunter is a graduate of Duke University.



Jennifer Schultz
Chief Operating Officer
Co-Founder

Jennifer oversees the administrative and operational functions of our company with experience in new product development, verification, pricing, and marketing products at all stages of the product lifecycle. Her education and industrial experience in mechanical engineering, business, and entrepreneurial endeavors allow her to support the company from many angles.



Zachary Plona, M.D.
Chief Medical Officer
Co-Founder

Dr. Plona is a third-year general surgery resident at Stony Brook University and is a trained Biomedical Engineer from the University of Pennsylvania. He provides key insights into medical policies, health regulations policies, and care provider workflows related to our product. He also supports the company by managing the financial planning and market projections.



Ignacio Albert Smet
Director of Research
Co-Founder

Ignacio is well versed in medical device development and entrepreneurial ventures from his two master's degrees related to the Biodesign process. He is experienced in research and design work with specialties in optics and biosensors. He is also familiar with intellectual property, FDA regulation, and early-stage medical device funding. He was accepted into the RBPC in 2019.



Benjamin Monteagudo
Director of Technology Development
Co-Founder

Benjamin takes the lead in the organization's research and development as well as technological innovation. His experiences in medical device prototyping, electrical engineering, biomedical sensors, programming, and instrumentation from his studies and his internship at Infinite Biomedical Technologies makes him well suited to oversee our product development and lead our benchtop testing.



Lina Ngao
Director of Medical Affairs
Co-Founder

Lina is a strategic leader who assists in the design, development, implementation, and analysis of our products. Her experience working on breast cancer detection at King's College London has lent many transferable skills to our product development strategy. Her thorough analytical skills enable her to spearhead our regulatory strategy as well as to establish the medical strategy, planning, and execution of medical affairs activities.



Dr. Youseph Yazdi
CBID Executive Director,
Operations Advisor



Russell Holscher
Former VP R&D,
Advanced Surgery, Baxter,
Sales Advisor



Matthew Banet
Senior Director of R&D,
Medication Delivery, Baxter,
Strategic Advisor, Co-Founder



Sung Kwon
Senior Principal Engineer,
Advanced Surgery, Baxter
Technical Advisor



Dr. Oluseyi Aliu
Plastic & Microvascular
Surgeon, JHH,
Medical Advisor



Dr. Hooman Soltanian
Plastic & Microvascular
Surgeon, JHH and Wellspan,
Medical Advisor



Dr. Fariba Asrari
Johns Hopkins
Director, Breast Center,
Medical Advisor



Dr. Toby Gordon
Professor of Practice,
Carey Business School,
Market Analysis Advisor



Alexa Ercolano
Patient Advocate & Founder,
The Lymphic Life,
Patient Advocate



Kathy McGinty, PTA, CLT
Johns Hopkins Medicine,
Medical Advisor

Our Expert Advisory Board