We've Formed Strategic Partnerships

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.

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.

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

Follow-On Markets
- Primary Lymphedema
- Prostate Cancer
- Gynecologic Cancer
- Renal Cancer
- Cardiac Cancer
The LymphahSense 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

Jennifer Schultz
Chief Operating Officer
Co-Founder

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

Ignacio Albert Smet
Director of Research
Co-Founder

Benjamin Monteagudo
Director of Technology Development
Co-Founder

Lina Ngao
Director of Medical Affairs
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 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.

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 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 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 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.

Our Expert Advisory Board

- Dr. Yousef Yazdi, CIIE Executive Director, Operations Advisor
- Russell Holtscher, Senior Director of R&D, Advanced Surgery, Baxter, Sales Advisor
- Matthew Banet, Senior Director of R&D, Medication Delivery, Baxter, Strategic Advisor, Co-Founder
- Sang Kwon, Senior Director of R&D, Advanced Surgery, Baxter, Technical Advisor
- Dr. Oluseyi Allu, Plastic & Microvascular Surgeon, JHH, Medical Advisor
- Dr. Hooman Soltanian, Johns Hopkins 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 Lymphie Life, Patient Advocate
- Kathy McGinty, PTA, CLT, Johns Hopkins Medicine, Medical Advisor