


LSI "Soon-icorns": *Emerging Startups*

The list contains early-stage medtech startups making fast progress, attracting attention after their initial institutional financing rounds, and on the path to breakout success. View detailed profiles for all 25 emerging startups inside Compass.



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Exero Medical


Exero Medical has developed *xBar*, a biodegradable wireless sensor system that monitors tissue healing after gastrointestinal surgery. Embedded in a standard surgical drain, xBar collects real-time data from the surgical site to detect early signs of anastomotic leaks, often two to three days sooner than current methods.


Key Executives: Erez Shor, PhD, Matan Ben David, MD	Location: Or Yehuda, Israel	Headcount: 9 employees
Key Investors: Longevity Venture Partners, Tech Council Ventures, Edge Medical	Market(s): Gastroenterology	Latest Funding: \$13M Seed, Feb 2025

Amber Therapeutics

Amber Therapeutics is a clinical-stage company advancing neuromodulation therapies for functional disorders of the peripheral nervous system. Its implantable *Amber-UI System* is a closed-loop device that targets the pudendal nerve to treat mixed urinary incontinence.

Key Executives: Aidan Crawley, Tim Denison	Location: London, England	Headcount: 25 employees
Key Investors: OSE, NEA, F-Prime, Lightstone Ventures, Intuitive Ventures	Market(s): Biotechnology, Neurology, Urology, Women's Health	Latest Funding: \$100M Series A, Jun 2024





Quibim


Quibim is advancing medical imaging with its AI-powered SaaS platform that extracts digital biomarkers from CT, MRI, and PET scans. The system integrates, processes, and analyzes imaging and multi-omics data to reveal new insights that improve patient care and accelerate drug development.

Key Executives: Dr. Àngel Alberich-Bayarri, Alberto Valiente	Location: Valencia, Spain	Headcount: 111 employees
Key Investors: Asabys, Buenavista, Amadeus Capital Partners	Market(s): Imaging, Healthcare Information/Technologies	Latest Funding: \$50M Series A, Jan 2025

Subsense

Subsense is developing the first non-surgical, nanoparticle-based bidirectional brain-computer interface (BCI). Its technology uses engineered nanoparticles to both stimulate and record neural activity from within the brain, providing a less invasive alternative to traditional implanted BCIs.

Key Executives: Tetiana Aleksandrova, Scott Meek	Location: California, United States	Headcount: 9 employees
Key Investors: Golden Falcon Capital	Market(s): Neurology	Latest Funding: \$17M Seed, Feb 2025













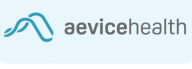




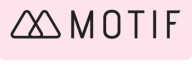






AISAP

AISAP develops artificial intelligence solutions to enhance the delivery and diagnosis of point-of-care ultrasound. Its flagship *POCAD* platform provides real-time analysis, diagnosis, and reporting to support clinicians during ultrasound exams.

Key Executives: Adiel Am-Shalom, Robert Klempfner	Location: Ramat Gan, Israel	Headcount: 17 employees
Key Investors: Harel Group, Shoni Top Ventures	Market(s): Imaging	Latest Funding: \$13M Seed, May 2024

6		Robeauté Technology: Rice-sized microrobots for precise, minimally invasive brain surgery Key Executive: Bertrand Duplat Latest Funding: \$28M Series A, Jan 2025
7		Oath Surgical Technology: AI-powered platform for data-driven outpatient surgery Key Executive: Oliver Keown, MD Latest Funding: \$24M Series A, Oct 2025
8		Grey Matter Neurosciences Technology: Portable focused ultrasound helmet for noninvasive Alzheimer's treatment Key Executive: Jeffrey Coull Latest Funding: \$9.8M Seed, Jan 2025
9		Quantune Technology: Micro QCL enabling compact, real-time molecular sensing Key Executive: Nikolaus Hahne, Jan Kischkat Latest Funding: \$9.8M Seed, Nov 2024
10		Allez Health Technology: Smart biosensor platform for accessible chronic disease monitoring Key Executive: Leif Bowman Latest Funding: \$60M Series A, May 2024
11		Laza Medical Technology: AI-powered robotic imaging for cardiovascular interventions Key Executive: Pablo Garcia Kilroy Latest Funding: \$36M Series A, Dec 2023
12		Fluid Biomed Technology: The first bioabsorbable flow-diverting stent for brain aneurysms Key Executive: John Wong Latest Funding: \$27M Series A, Dec 2024
13		Horizon Surgical Systems Technology: Robotic microsurgery system with imaging and AI for cataract surgery Key Executive: Jean-Pierre Hubschman, MD Latest Funding: \$30M Series A, Oct 2024
14		iVEAcare Technology: Neuromodulation solution addressing unmet needs in chronic diseases Key Executive: Todd Kerkow Latest Funding: \$28M Series A, Apr 2024
15		Luna Health Technology: Real-time fluid management system for ADHF Key Executive: John Sjolund Latest Funding: \$24M Series A, Aug 2025
16		LUMA Vision Technology: Catheter-based 4D imaging for real-time cardiac visualization Key Executive: Fionn Lahart Latest Funding: \$22M Series A, Dec 2023
17		Jupiter Endovascular Technology: Transcatheter device using Endoport Control for embolism treatment Key Executive: Carl St. Bernard Latest Funding: \$40M Series B, Oct 2025
18		Aevice Health Technology: Wearable device for real-time remote cardiopulmonary monitoring Key Executive: Adrian Ang Latest Funding: \$7M Seed, Aug 2024
19		Discure Technologies Technology: Minimally invasive bioelectronic device treating discogenic back pain Key Executive: Yuval Mandelbaum Latest Funding: \$11M Series A, Sep 2024
20		Valar Labs Technology: AI pathology platform predicting bladder cancer response to treatment Key Executive: Anirudh Joshi Latest Funding: \$22M Series A, May 2024
21		Sonavex Technology: EchoSure enables early clot detection with AI-guided ultrasound Key Executive: David Narrow Latest Funding: \$15M Series A, Oct 2024
22		Gradient Denervation Technologies Technology: Ultrasound ablation reducing pulmonary pressure in hypertension Key Executive: Martin Grasse Latest Funding: \$15M Series A, Sep 2023
23		Motif Neurotech Technology: Miniature wireless brain pacemaker for treatment-resistant depression Key Executive: Jacob Robinson Latest Funding: \$19M Series A, Jan 2024
24		Proton Intelligence Technology: Wearable platform for continuous potassium monitoring Key Executive: Sahan Ranamukha, PhD Latest Funding: \$70M Seed, Dec 2024
25		FluidAI Technology: Smart monitoring platform using AI to detect postoperative leaks early Key Executive: Youssef Helwa Latest Funding: \$15M Series A, Oct 2023