

a
sense
for **IEE**
innovation



IEE SmartHealth

Health through motion.

iee-sensing.com

Check our **eflyer** for more information about our solutions.



LENA

After two pregnancies, Brittany wants to rediscover her fitness and feel confident in her movement again.

CHEN

Ten years after losing his lower limb, Chen has lived with persistent phantom pain.

BEN

Preparing for his first triathlon, Ben seeks the perfect balance between comfort and performance.

ASHA

After her stroke, Asha is working to regain independence in walking.





MIKE

Mike, recently diagnosed with early-stage Parkinson's disease, wishes to maintain independence.

MARÍA

After hip replacement surgery and years living with diabetes and neuropathy, María struggles with pain and instability.

Media

Discover more Watch & Explore

Spotlight:

Advancing Personalized Gait Monitoring with WalkinSense

Check our **eflyer** to
watch the video.



GAITORING brings together Luxembourg's clinical, research, and industrial expertise to pioneer innovation in healthcare sensing technology. Under the leadership of Prof. Dr. med. Romain Seil as principal medical investigator, supported by key experts such as Laurent Malisoux (PhD), Jennifer Fayad (PhD), Melanie Eckelt (PhD), and Valeria Serchi, this initiative bridges the gap between industry and medical practice to deliver real-world clinical value.

Short:

Discover the groundbreaking Suralis sensory feedback prosthesis.

By integrating IEE's Smart Foot sensor into prosthetic systems, amputees can once again feel their steps — restoring balance, reducing phantom limb pain, and regaining confidence in movement.

This innovation blends state-of-the-art sensor engineering with medical breakthroughs in neuro-modulation, opening new possibilities for rehabilitation and patient care across Europe.

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Explore:

Game-changing rehabilitation.

Patients engage with foot-based games designed to make rehabilitation enjoyable and motivating. Each game targets specific therapy goals through movement-driven interactions.

a sense for innovation

Game-changing rehabilitation
with IEE Health solutions

Upgrade training & Insights

Real-time analysis
Real-time parameters tracked in real time for accurate assessment and progress

Alerts for nerve damage, fall cognitive decline—enabling prevention.

Monitoring
Can track patient progress from supporting home-based

Remote patient oversight
Clinicians can monitor patient progress in real time from any location, supporting effective home-based rehabilitation and ensuring therapy adherence outside the clinic.

Convenience, compliance

Design
Our insoles fit seamlessly into ensuring comfort and natural

Integration
High usability for patients of all ages levels.

Scalable
Medical certification and a wide range of rehabilitation

Interested?



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