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Spine Dynamix Acquires Pytheas Navigation, Strengthening Its Position in Digital Surgery

Pytheas Navigation will continue its development under the Pytheas Dynamix identity, with the ambition to accelerate the development and international expansion of its surgical guidance technologies.

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Spine Dynamix announces the acquisition of Pytheas Navigation, a Marseille-based MedTech company specialising in image-guided surgical technologies.

Following the transaction, Pytheas Navigation will continue its development under a new identity: Pytheas Dynamix.

This acquisition marks an important milestone in Spine Dynamix's strategy and supports the development of a technology platform combining surgical planning, guidance, and innovative implants, with strong roots in the South of France and an international ambition.

Pytheas: A Technology Born from Surgical Practice

Pytheas Navigation was co-founded by Dr Yann Glard, an orthopaedic surgeon in Marseille, to address a challenge directly arising from clinical practice: providing surgeons with a precise, straightforward guidance solution for spine procedures.

The developments carried out since then have transformed this clinical insight into a true surgical guidance technology platform.

Clinical studies have demonstrated the system's performance and supported its regulatory pathway.

Pytheas technology is CE marked in Europe and reached a major strategic milestone in May 2026 with U.S. FDA 510(k) clearance (K252880) for Pytheas Your Guided Trajectory.

Spine Dynamix also wishes to honour Yann Glard, who passed away in 2024, by continuing to advance a technology born from his vision and clinical experience.

Pytheas Dynamix: A Technology Platform with Its Own Market

Under the Pytheas Dynamix identity, the Pytheas business will continue and accelerate its development.

Pytheas Dynamix is intended to operate as a dedicated technology platform for surgical guidance and navigation, with its own product strategy and addressable markets.

Its technologies may naturally be integrated with solutions developed by Spine Dynamix, while also being offered independently and, over time, supporting the development of other companies and surgical specialties.

This structure is designed to preserve Pytheas' standalone technological and commercial value while leveraging the scientific, industrial, and commercial synergies created through its combination with Spine Dynamix.

Complementary Technologies with Spine Dynamix

Spine Dynamix is a French DeepTech MedTech company developing a new generation of technologies for spine surgery.

The company has initiated the development of SpinePlan, its digital surgical planning platform, and Spine SX, a dynamically expandable interbody fusion cage.

Bringing together the expertise of Spine Dynamix and Pytheas Dynamix now connects three complementary technology pillars:

PLAN → GUIDE → IMPLANT

The objective is to progressively enable interoperability across these technologies while preserving each platform's ability to develop within its own markets.

Strong Regional Roots, Global Ambition

The combination of Spine Dynamix and Pytheas also reflects a commitment to strengthening a MedTech and DeepTech ecosystem in the South of France, leveraging the region's clinical, scientific, and technological expertise.

This regional foundation is intended to support the international development of both companies.

Pytheas' U.S. 510(k) clearance in 2026 represents a key milestone in this strategy and will support preparations for accelerated international commercialisation beginning in 2027, particularly in the United States.

Our ambition: to develop surgical technologies in the South of France with the potential to scale globally.

Gaël Volpi

President, Spine Dynamix / Pytheas Dynamix

"The acquisition of Pytheas represents an important milestone for our project.

We first want to continue the work initiated by Yann Glard and the Pytheas teams, preserving what makes this technology distinctive: innovation driven directly by clinical need.

Pytheas Dynamix will now continue to grow with its own identity, technologies, and markets, while creating strong synergies with Spine Dynamix.

The complementarity between SpinePlan, Pytheas, and Spine SX also enables us to bring planning, guidance, and implants together within a common technology environment.

Our objective is to consolidate these capabilities in the South of France while preparing for international expansion, with an important step beginning in 2027, supported in particular by Pytheas' U.S. 510(k) clearance."

Thomas Clément

Former CEO of Pytheas Navigation – Chief Operating Officer (COO)

“The combination with Spine Dynamix is an opportunity to recognise everything the team has accomplished in building Pytheas—from the original vision of its founder, through the first clinical validations, CE marking and 510(k) clearance, to the studies that demonstrated the relevance of our approach and, ultimately, the trust of our first users and customers.

What comes next is exciting: Pytheas Dynamix will be able to accelerate deployment with a platform vision—serving spine surgery today and expanding beyond it tomorrow. The complementarity with the technologies developed by Spine Dynamix creates an offering that remains true to Pytheas’ core values: simplicity, efficiency, and a streamlined approach in service of surgeons and patients.

As COO, my commitment is to lead the operational and industrial execution of this new vision and to deploy our technology internationally.”

Thierry Marnay

Spine Surgeon (KOL)

“A navigation system is effective only if it improves the surgical workflow. It must help the surgeon identify the planned entry point and trajectory, maintain control of the instrument, and reduce uncertainty without adding unnecessary complexity to the procedure. The clinical value of this acquisition lies in the ability to develop navigation, instruments, and implants from a shared analysis of the surgical procedure.”

About Spine Dynamix

Spine Dynamix is a French DeepTech MedTech company developing innovative technologies for spine surgery, including SpinePlan, a digital surgical planning platform, and Spine SX, a dynamically expandable interbody fusion cage.

About Pytheas Dynamix

Pytheas Dynamix develops image-guided surgical guidance and navigation technologies. Originating from Pytheas Navigation, its technology is CE marked in Europe and has received FDA 510(k) clearance in the United States.

Pytheas Dynamix continues to develop its platform for its own markets while progressively integrating it into new digital surgery environments.