Quality Forum

A milestone for LYRA ETK: iPhysio receives DDS Product *Certification*

In the ever-evolving world of digital dentistry, French manufacturer LYRA ETK has emerged as a reference point for accessible, intelligent innovation. At the heart of this transformation is iPhysio, a patented, digitally coded healing abutment that is reshaping implant workflows—and recently earned the prestigious Product Certification from the Digital Dentistry Society (DDS).

The certification was personally delivered by DDS President, Francesco Mangano, during a visit to LYRA ETK's headquarters in Sallanches, nestled in France's renowned "micromechanics valley." The occasion brought together CEO Bernard Daymon, Head of Research & Development Cédric Lancieux, and Head of Marketing Bénédicte Padovan—all of whom participated in a round of in-depth interviews held alongside the visit, offering insight into the innovation and vision of the French company.

Founded in 1992, LYRA ETK was born with a clear mission: to democratize implantology by making it more efficient, affordable, and clinically validated. Since then, the company tirelessly sustained investment in scientific research, precision manufacturing, and digital innovation.

A VISION ROOTED IN ACCESSIBILITY

According to Head of Marketing Bénédicte Padovan, LYRA ETK's evolution accelerated after joining one of France's largest dental supply groups in 2004. This allowed the company to expand internationally and vertically integrate its production.

FIG. 1 *LYRA ETK Certification for iPhysio.*

"It was the best place to grow and to find the special skills we need," Padovan explains.

That blend of clinical ambition and engineering excellence culminated in the creation of iPhysio, a three-in-one emergence profile designer. The product enables direct intraoral scanning, soft tissue shaping, and immediate provisionalization—all while being compatible with major implant platforms.

ENGINEERED FOR PRECISION

From a technical standpoint, Head of R&D Cédric Lancieux emphasizes iPhysio's anatomical design, zirconia construction, and low-reflection surface treatment as key factors behind its accuracy and healing performance.

"We found that the accuracy was better with iPhysio than with scan bodies," he notes.

"It's not just a scan aid—it shapes the tissue, supports immediate loading, and simplifies every step of the restorative process."

FIG. 2 *DDS President Francesco Mangano with Bernard Daymon, Cédric Lancieux, and Bénédicte Padovan.*

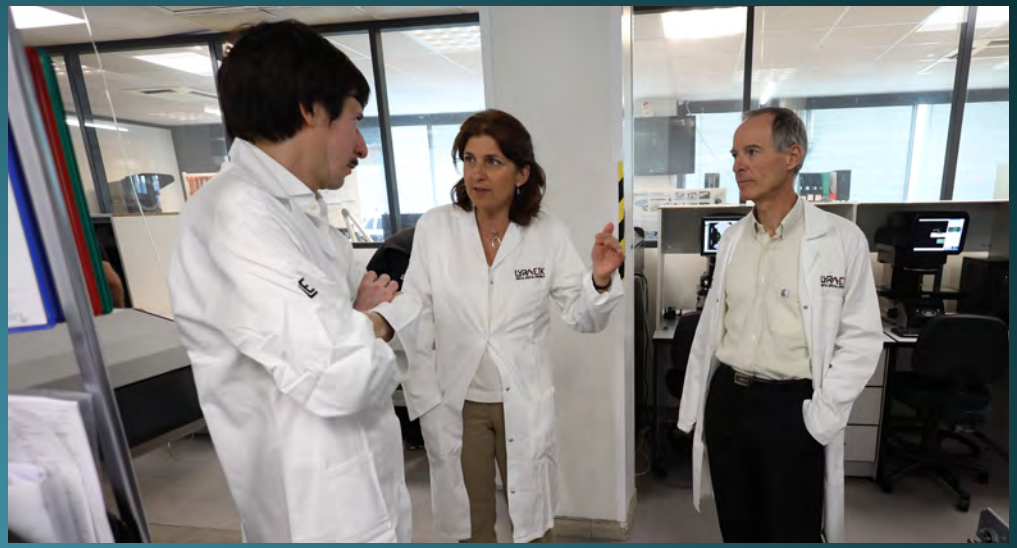

FIG. 3 *DDS President Francesco Mangano's visit at LYRA ETK headquarters.*

"iPhysio shapes the tissue, supports immediate loading, and simplifies every step of the restorative process."

Clinicians have praised the product for speed, ease of use, and reproducibility across various intraoral scanners. By minimizing the number of images required and eliminating the need for conventional scan bodies, iPhysio reduces cumulative error while enhancing tissue integration.

INNOVATION WITH PURPOSE

For CEO Bernard Daymon, iPhysio embodies LYRA ETK's core philosophy: to deliver "impacting innovation to elevate clinical procedures." With over three decades of experience, the company is now at the forefront of integrating biological insight with digital workflows—focusing on safety, simplicity, and open compatibility.

"Paraphrasing Neil Armstrong," Daymon quips, "iPhysio has taken us a number of small steps to get ready, but it is now available for a giant leap in our dental care industry."

That leap is also backed by hard data. A landmark 103-patient study, published in late 2024 in the *Journal of Dentistry*, confirmed iPhysio's excellent outcomes in both hard and soft tissue stability.

WHAT'S NEXT?

With nine patents already protecting its design, LYRA ETK is pushing forward with new variants of iPhysio—angulated options, clip-on provisionals, and full-arch multi-unit solutions—expected to launch by the end of the year.

In a landscape increasingly defined by rapid digitization, LYRA ETK is not just following the trend—it's helping set it. With iPhysio, the company has found the perfect intersection of science, simplicity, and scalability, turning what began as a bold experiment into a certified digital essential for modern implantology.