
Health: Diagnosis Goes 4.0 with the Disposable Sheath

Reducing time between one diagnosis and another, optimizing the healthcare costs. With these goals in mind, the Turin-based startup Yushu Healthcare was born. The startup was founded in 2023 by Gianluca Vetrugno and Antonio Di Vito, with the support of legal advisors Francesco Gianni and Moreno Martini. Now it is aiming for international expansion.

Reducing the time between one diagnosis and the next, and optimizing operational and healthcare costs by lowering waiting list times: this is the mission behind the founding of **Yushu Healthcare**, a startup launched in 2023 by Gianluca Vetrugno and Antonio Di Vito with the legal support of Francesco Gianni and Moreno Martini.

In just a few months, with the support of internationally renowned manager **Marco Cravero**, the company has carved out a prominent role in the medical device sector, becoming one of the few international firms specialized in the production of **single-use high-tech sheaths for diagnostic instruments**. Operating in the ENT, gynecology, and urology sectors, Yushu Healthcare develops **tailor-made solutions** that ensure perfect compatibility with different instruments, thanks to the use of advanced plastics and integrated high-definition lenses — essential to preserve image quality during clinical investigations.

“In 2024 alone, we distributed hundreds of thousands of sheaths, standing out for our highly customized approach,” says co-founder **Gianluca Vetrugno**. “Unlike many competitors who offer standardized solutions, our designs include **specific devices for each instrument**, guaranteeing precision and reliability.”

Hospital Benefits

The advantages for healthcare facilities are significant:

- **Eliminating the sterilization process** reduces cost and risk, especially when reused instruments are involved.
- With single use, the sterilization risk is proportional to the instrument's lifecycle.
- Production takes place at a facility in the **province of Rovigo**, where each device is subject to strict quality controls to ensure **maximum resistance and optimal visual performance**, according to high quality standards.

A few months after its founding, **Yushu Healthcare acquired Cover**, a Turin-based company in the medical field, gaining access to key patents and expanding its production capabilities.

To complete the business structure, in late 2024, the company created **Yuki Labs**, a division focused on designing new medical devices and innovative therapeutic solutions — including products for treating **post-surgical inflammation** and **new tools for regenerative surgery**.

Next Steps: International Growth

Thanks to early commercial success (with revenues of around €400,000 in the first year and projections of €1.3 million in the current year), Yushu Healthcare is now ready to scale up, starting from the Piedmont region and expanding both **national distribution** (via hospitals and clinics throughout Italy) and **international operations** in France, Poland, Slovenia, Croatia, Qatar, the UAE, and soon, **the Indian market**.