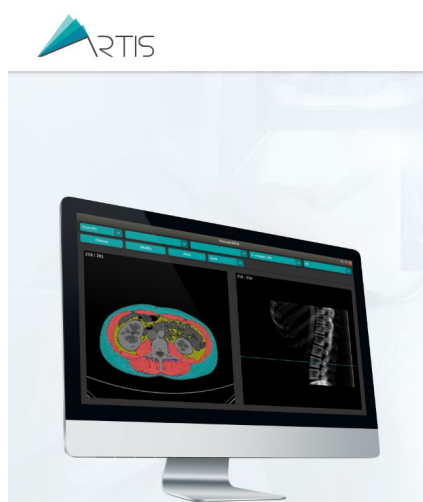**BIOTECH**
Venture Pathway

THE INNOVATION JOURNEY

Artis Tech Development applies AI-powered monitoring (FocusedON) to improve nutritional assessment, particularly in oncology. Its interdisciplinary origin reinforces the project's focus on challenge-based, cross-sectoral biotech solutions.

THE INNOVATION IMPACT

The **FocusedON** AI-powered monitoring system positions the company at the convergence of digital health, clinical nutrition, and oncology—three domains with growing strategic importance in global healthcare. Malnutrition remains a pervasive but underdiagnosed challenge among cancer patients, significantly affecting treatment tolerance, survival outcomes, and quality of life. By introducing an intelligent platform for continuous and objective nutritional assessment, the company directly addresses a critical gap in oncology care pathways.

In the global oncology market, the shift toward precision medicine increasingly includes nutritional and metabolic profiling as essential components of personalised treatment plans. FocusedON leverages machine learning to identify early nutritional risk, monitor patient trajectories, and support timely interventions. This enhances clinical decision-making, supports multidisciplinary care teams, and reduces complications associated with treatment-induced nutritional decline. As international oncology guidelines progressively emphasize integrated supportive care, AI-driven tools such as FocusedON offer scalable solutions ready for rapid adoption.

Within the broader **digital health and clinical nutrition sectors**, the platform exemplifies a new generation of algorithmic technologies capable of translating complex physiological indicators into actionable insights. The use of AI allows for higher diagnostic accuracy, reduced clinician workload, and improved patient engagement—features that align with global trends in telemedicine, remote patient monitoring, and hospital-at-home models. These strengths make the technology highly adaptable to diverse healthcare systems and resource settings.

USEFUL LINKS

Reference:

https://artisdevelopment.com