

Kinova Advances Surgical Robotics with NVIDIA Isaac for Healthcare

BOISBRIAND, QUEBEC, MARCH 18, 2025 — Kinova, a global leader in robotics solutions, is proud to announce its collaboration with NVIDIA to advance Physical AI for next-generation medical robotics. This partnership builds on Kinova's long-standing relationship with NVIDIA and leverages the power of **NVIDIA Isaac for Healthcare**, a domain-specialized AI robotics development platform for the healthcare industry.

Kinova aims to develop intelligent medical robots that can sense, plan, and execute complex actions in real-world medical environments through this collaboration. By utilizing AI-driven simulation and digital twin technologies powered by **NVIDIA Isaac for Healthcare**, Kinova will accelerate the development of advanced robotic solutions for interventional procedures, diagnostics, and hospital automation. Kinova Robotics is collaborating to develop reference applications in the medical domain, making it easier for developers to build and scale medical robotic solutions. By offering seamless integration and pre-certification support, Kinova empowers innovators to streamline development, reduce time to market, and drive the future of medical technology. Kinova Robotics is collaborating to develop reference applications in the medical domain, making it easier for developers to build and scale commercial products. By offering seamless integration and pre-certification support, Kinova empowers innovators to streamline development, reduce time to market, and drive the future of medical technology.

As part of this initiative, Kinova invites its collaborators to participate in Kimberly **Powell's session** about *Digital and Physical AI Helps Write a New Chapter in Medicine* at **GTC 2025** on **March 18**,

"At Kinova, we are committed to shaping the future of robotics in healthcare. By working with NVIDIA and leveraging Isaac for Healthcare, we are unlocking new possibilities for AI-powered surgical robotics to redefine patient care," said François Boucher, Vice President of Business Development.

For more information about the collaboration and NVIDIA GTC 2025, visit [NVIDIA GTC Website](#).





Together in robotics

About KINOVA

Kinova accelerates the journey to market for medical robotics companies by offering both off-the-shelf and tailored solutions for the development and production of medical-grade robotic systems. Through state-of-the-art medical arms, actuators, tool drives, and expert product development services, Kinova enables its customers to enhance their value proposition and bring innovative, high-quality solutions to life.



For more information, contact marketing@kinova.ca or 514-277-3777.