NIRYO | HEALTHCARE

Pulsar.Platform

The modular robotics platform engineered for medical applications

Modular robotics building blocks for developing custom medical robots and systems with safety by design.



Certified Quality Management System (QMS)
ISO 13485:2016

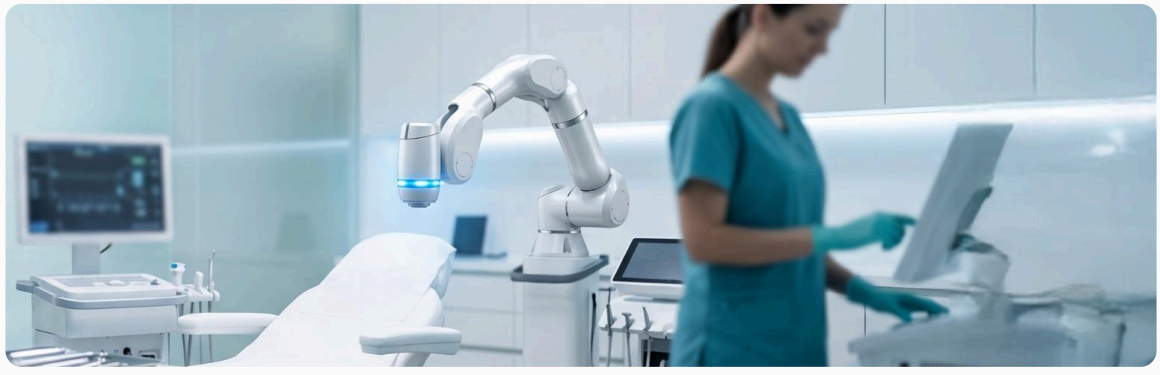
Complies with
ISO-82304 standard

Technology building blocks for custom medical robotics

- Modular joints
- Dual robot controller
- Force sensor
- Capacitive sensor
- Compliance & certification
- Simulation software

Your application defines the robot

Build your robot from proven technology building blocks, configured to meet the specific requirements of your medical application.



Example applications

- Laser therapy
- Teleoperated ultrasound
- Robot-assisted endoscopy
- Therapeutic ultrasound
- Minimally invasive surgery

Application areas

- Surgery
- Medical Imaging
- Dermatology & Aesthetic Medicine
- Veterinary Medicine

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Orion System High-precision robotic patient positioning system for radiation therapy and medical imaging

Reduce patient repositioning, streamline your clinical workflow, and treat more patients every day.

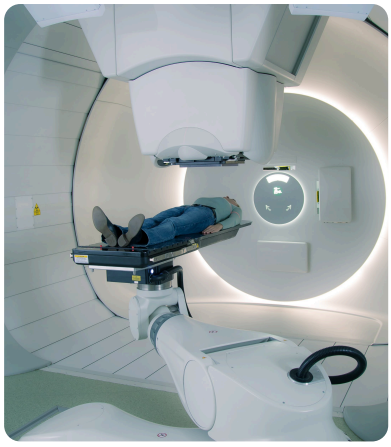
The reference for robotic patient positioning

✓ **Simplified integration**

✓ **Consistent precision, whatever the load**

✓ **Safety engineered for medical applications**

Orion System Technical Specifications



Degrees of freedom
6 degrees

Positioning accuracy
0.5mm

Maximum payload
375 kg

Certification
ISO 13485 · CE · 510(k) FDA

Total weight
1000 kg + 170 kg (control)

Available options & features
Collision detection

Integrated effort sensor

Haptic control (optional)

Application-specific accessories (optional)

ROBOTICS DESIGNED FOR WHAT MATTERS