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## HOOROX SADIA

**Optimizing Patient** Safety with Al-powered Fall Monitoring and Prevention

Patients staying in hospitals are at a higher risk of injuring themselves by falling. If they're an inpatient, they may be disoriented because of illness, medication, or simply being in an unfamiliar environment. Whatever the cause, patient fall risks pose concerns for patient safety and hospital finances. To give healthcare teams an opportunity to intervene, HOOBOX SADIA assesses hundreds of essential data points to identify fall risks in realtime. SADIA uses a specially designed AI model, optimized by the Intel<sup>®</sup> OpenVINO™ toolkit, to capture patient movements with precision. By understanding current patient positions, SADIA can help hospitals prevent falls, reduce the potential length of patient stays, and save valuable resources. Robust data security features, including opt-in and optout consent for healthcare monitoring, help protect patient privacy and keep data secure.

Nurses prefer to act in advance when faced with an imminent fall risk, rather than after the fall occurs. With SADIA, it's now possible to predict falls before they happen, ensuring patient safety."

Innovation Analyst at a major hospital in Brazil

Intel<sup>®</sup> Products and Technologies

- Intel<sup>®</sup> Xeon<sup>®</sup> Scalable Processors **Product Page**
- OpenVINO<sup>™</sup> Toolkit Product Page
- Intel<sup>®</sup> Extension for PyTorch Introduction Webpage

Al-powered **Fall Risk Detection** Vertical: Health & Life Sciences Use Cases

- Human Wellness Monitoring
- Situational Monitoring

Key

Features



- Country/Geo:
- Latin America
- North America
- Scalable Computer Vision Model

## Learn more:

- HOOBOX Website
- HOOBOX SADIA Blog Post



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