

PRESS RELEASE

AJJ Medtech and Huaxi Intelligent lead the way in humanoid eldercare robotics, setting standards in capability, safety and ethics

Key Points:

- *Aims to make compassionate and intelligent robotic companionship accessible to every senior*
- *Addresses workforce shortages with each robot saving approximately 2.3 full-time equivalent (FTE¹) caregiver positions per day*
- *Fully complies with medical, safety and privacy standards, ensuring trust in the use of humanoid robots*

SINGAPORE - 2 February 2026 – AJJ Medtech Holdings Limited (“**AJJ**”), an SGX-listed leading integrated Medtech solutions provider and PRC’s Huaxi Intelligent Technology Co., Ltd. (“**Huaxi Intelligent**”), a leading international brand in smart artificial intelligence (“**AI**”)–driven eldercare solutions, today unveiled a strategic roadmap for its medical-grade multifunctional humanoid eldercare robot, set to become the world’s first of its kind in the eldercare industry.

This follows the Memorandum of Understanding signed between AJJ and Huaxi Intelligent in October 2025. The roadmap outlines the development, deployment and ecosystem integration of the robot, which is designed to set new industry standards in capability, safety and ethical governance.

Setting Standards in Capability, Safety and Ethics

Leveraging advanced humanoid robotics, AI-driven behavioural algorithms and medical-grade safety protocols, the humanoid robot is capable of providing compassionate companionship while assisting with daily activities and real-time safety monitoring, among other functions. The robot combines Huaxi Intelligent’s humanoid motion and perception systems as the “body”, enabling adaptive movement and lifelike interaction, with AJJ’s AI healthcare algorithms as the “mind”, delivering intelligent decision-making and personalised care for seniors.

Humanoid robots have reached a pivotal point in physical AI, with the ability to perceive, understand, make decisions, and execute actions in real-world environments, thereby unlocking the true value of embodied intelligence. **Rather than replacing human caregivers, these robots are designed to extend caregiving capabilities** to support professionals in delivering consistent, attentive and dignified care. When intelligence is guided by empathy and care, machines have the potential to become guardians of human dignity. At the same time, the large-scale deployment must be accompanied by adherence to AI ethical principles, regulatory compliance and robust safety governance frameworks, ensuring that technological advancement aligns with human dignity, clearly defined responsibilities and sustained societal trust.

¹ FTE per robot refers to daily equivalent of full-time staff per day (1 FTE = 8 hours per day)

To ensure reliability, safety, and ethical deployment, the robot is built to globally recognised standards and fully complies with IEC 63310, ISO 13482, and ISO 14485, which certify its performance, safety, and suitability for real-world eldercare environments. As part of its development roadmap, the robot is planned to undergo rigorous functionality trials and pilot programs with Singapore hospitals and public institutions. These initiatives are designed to validate performance, ensure compliance with Health Sciences Authority (“HSA”) regulations, and refine its capabilities for real-world deployment. The deployment model is designed to integrate into existing care workflows, supporting continuity of care while enhancing overall care capacity.

In a landmark regulatory milestone, the robot has successfully completed its HSA Class A medical device notification (Notification No. MDPN260129A0030, listed 29 January 2026). This covers, under a single platform, core functions including physiological health monitoring, fall detection, companionship communication, medication management, sleep monitoring and harmful gas detection. To the best of our knowledge, this makes AJJ and Huaxi Intelligent the first in the world to achieve formal medical device regulatory notification for a multifunctional embodied humanoid eldercare robot under major global regulatory frameworks, including HSA, U.S. FDA, and EU CE (MDR).

In addition, to uphold ethical standards in AI and eldercare, all medical data collected and device integration conducted by the robot will fully comply with the Personal Data Protection Act (“PDPA”). Robust data protection measures are implemented to safeguard seniors’ personal and health information, ensuring privacy, transparency and trust in the use of humanoid robots.

Bridging the Caregiver Gap in a Rapidly Ageing Society

As Singapore and the region face a rapidly ageing population, the demand for professional caregivers is outpacing supply, creating critical workforce pressures. With the AJJ and Huaxi Intelligent humanoid eldercare robot, routine and repetitive tasks such as night shift patrols and basic monitoring can be automated. Each robot is projected to save the equivalent of 2.3 full-time caregiver positions per day, improving efficiency while maintaining high-quality care.

Beyond relieving workforce shortages, the robot also offers a practical and scalable solution for the growing demands of an ageing population. By helping to fill caregiver gaps, the robot supports long-term growth in eldercare services and positions AJJ and Huaxi Intelligent as leaders in next-generation eldercare solutions.

From Technological Innovation to Institutional Formation

The collaboration between AJJ and Huaxi Intelligent is not just creating a robot but shaping the future of eldercare by integrating advanced robotics, AI-driven healthcare and globally recognised safety and ethical standards. By embedding ethical AI and robust data protection, AJJ sets a new benchmark for responsible and compassionate eldercare technology, laying the foundation for a sustainable and scalable eldercare ecosystem.

The Board emphasises that while the project demonstrates significant innovative potential, it remains subject to uncertainties including regulatory approvals, intellectual property considerations, and market volatility (the "**Rubas Phenomenon**"). These factors may affect the project's timeline, costs, and ultimate commercial success.

For the full English & Chinese version of strategic roadmap, please scan the QR Code below or visit our official website via the link.



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About AJJ Medtech Holdings Limited (SGX Ticker: 584)

AJJ Medtech Holdings Limited (“**AJJ Medtech**” or the “**Company**”) is a leader in healthcare technology, providing integrated medtech solutions across Singapore and Southeast Asia. The Company delivers a comprehensive product ecosystem that enhances affordability, efficiency, and effectiveness across the patient care pathway, improving the experience for both patients and healthcare practitioners. Supported by a strong foundation and sustained expansion over the past three years, our core business has gained significant market presence and recognition. We have built the AJJ brand to represent potential, capability, and service excellence. Furthermore, we have transformed from a supplier of basic consumables into a provider of comprehensive turnkey solutions, including supply chain management, digital platforms, AI, and robotics for our partners and customers.

AJJ Healthcare Management Pte. Ltd. (“**AJJ Healthcare**”) is a wholly owned subsidiary of AJJ Medtech, established to manage the Group’s healthcare business.

For more information, please refer to: <https://www.ajjmedtech.com.sg/>

About Huaxi Intelligent Technology Co., Ltd. (骅羲智能)

Based in Hangzhou, PRC, Huaxi Intelligent Technology Co., Ltd. (骅羲智能) is a leading international brand in smart eldercare solutions, dedicated to bringing advanced, integrated AI-driven eldercare products into every household worldwide.

Leveraging its extensive experience and patented technologies in intelligent eldercare, the company precisely identifies the needs of seniors and transforms complex technologies into convenient and user-friendly product experiences — making worry-free, intelligent eldercare accessible to everyone.

For more information, please refer to: [link](#)

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