

Company Overview

AJJ Medtech is the developer of the world’s first multifunctional embodied care robot for the elderly and the owner of one of the world’s largest elderly care AI foundation models. As a high-tech enterprise focused on embodied intelligence, robotics, and elderly healthcare, the company is built upon top-tier talent, advanced technological capabilities, and a strong commitment to innovation in intelligent care solutions.

Product Positioning

One Sentence Introduction

AJJ & HX Smart Elderly Care Robot is an intelligent assistant for nursing staff in elderly care institutions, helping improve service quality, operational efficiency, and cost-effectiveness.

Paragraph Introduction

Designed for elderly care and assistive scenarios, the AJJ & HX embodied intelligent care robot serves as an intelligent care and service assistant. Equipped with vital signs monitoring, human-like ward rounds, video communication, and psychological support functions, the robot helps institutions reduce labour costs, lower safety risks, and enhance occupancy rates and residents’ willingness to pay.

Contact Us

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Core Value

Improve Care Efficiency & Service Quality

Real-time monitoring of physical and mental health, automated risk management, medication reminders, and safety monitoring help reduce routine workload and enhance care efficiency.

Personalised Health Management & Early Risk Warning

AI-driven health data analysis proactively identifies health and psychological risks, enabling early intervention and reducing incidents.

Safety Management & Remote Support

Emergency call and remote medical consultation functions enable rapid incident response, enhance on-site care capabilities, reduce unnecessary hospital visits, and support early intervention.



Features

Safety Management & Remote Support

Vital Signs Monitoring
Intelligent Ward Rounds
Professional Psychological Support
Systematic Chronic Disease Management

Ten Key Functions

Vital Signs Monitoring: Real-time anomaly detection and risk prevention based on health data and AI models.

Human-like Announcement Assistant: Automated broadcasting for meals, activities, and outdoor schedules.

Professional Psychological Support: Industry-leading proactive support for depression, anxiety, and cognitive decline.

24/7 Ward Rounds: Unrestricted day-and-night patrols for safety monitoring and abnormal condition detection.

Family Connection: Built-in video call functions for convenient communication between residents and family members.

Chronic Disease Management: Active monitoring via connected devices, automated record management, and reduced manual paperwork.

Safety Management: High-accuracy fall detection, bed exit alerts, fire detection, and flammable gas monitoring.

Welcome & Guidance: Customised greetings and tour guidance for visitors and leadership inspections.

Activity Assistant: Audio and video playback support for activities and event organisation.

Efficient Delivery Assistant: Supports delivery of meals, afternoon tea, and parcels.

Cost Estimation

Original Plan

5 Caregivers

New Plan

- 1 Smart Elderly Care Robot ≈ 2.3 FTE Caregiving Support Equivalent*
- Annual Cost Saving ~S\$76,600 to S\$96,600

*Based on internal modelling assumptions and preliminary field validation under defined operating conditions.

Sales & Services Support

Pre-Sales Support

- Professional Consulting
- Customised Solutions
- Product Demonstrations and Trials
- Tailored Functions and Service Packages

Sales Support

- Efficient Order Processing
- On-site Installation, Debugging, and Training
- Stable Supply Chain and Production Capacity
- Inventory Strategy for Market Demand Fluctuations

Post-Sales Support

- 24/7 Customer Service Hotline and Online Support
- Maintenance Network
- Regular Follow-ups and Quality Tracking
- Satisfaction Surveys and Issue Resolution

Partnership Models & Support

Cooperative Methods

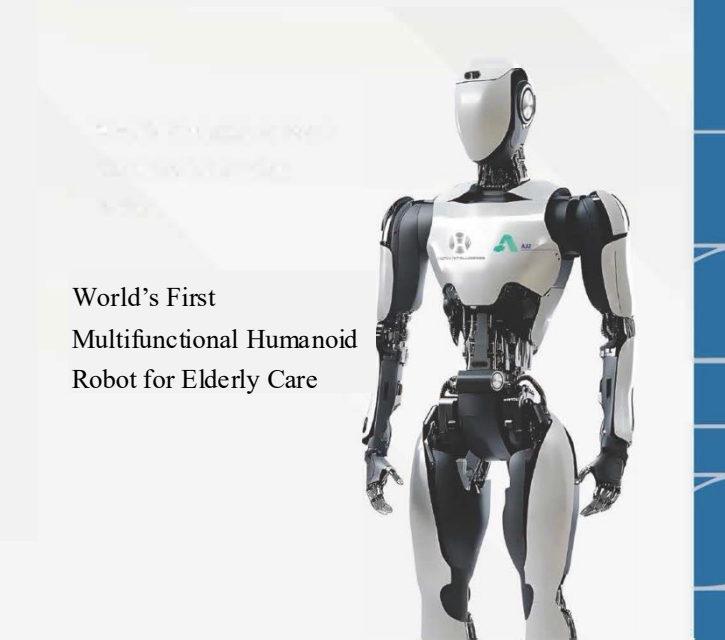
- Elderly Care Institutions**
 - Purchase (Volume Discounts)
 - Lease (Flexible Plans)

- Channel Partners**
 - Agency Policies and Tiered Benefits
 - Distribution Profit Sharing and Marketing Support

- Government Procurement**
 - Customised Solutions
 - Policy Alignment Support
 - End-to-End Tender Support

Cooperation Support

- Operation, Maintenance, and Application Training
- Remote and On-site Technical Support
- Joint Marketing and Promotional Support



World’s First
Multifunctional Humanoid
Robot for Elderly Care



AJJ & HX
Smart Elderly Care Robot
HIT-1