

Taiwan Excellence debuts AI-powered medical breakthroughs at Medical Fair Asia 2026

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Taiwan presents 16 innovative brands at Sands Expo (Booth No. 2H01), highlighting advancements in Edge AI, surgical robotics, and clinical technology



The Taiwan Excellence Pavilion officially opened on 9 Sept at **Medical Fair Asia 2026**, held at the Sands Expo & Convention Centre. Organised by TITA (International Trade Administration (TITA), under Taiwan's Ministry of Economic Affairs) and TAITRA (Taiwan External Trade Development Council), the pavilion features 16 medical technology companies under the theme **"From Taiwan with Care — Activate the Future of Wellness."**

Addressing regional challenges such as nursing shortages and aging populations, the pavilion demonstrates how Taiwan's expertise in microelectronics and AI can support healthcare providers. These integrated systems are designed to enhance clinical efficiency and strengthen Singapore's role as a regional hub for medical innovation.

The opening event featured addresses by **Dr Tung Chen-yuan** and **Chan Hai-Kiang**, alongside industry representatives **ZC Chen** and **Megan Liu**, to discuss regional healthcare collaboration.

Megan Liu, Director of the TAITRA Singapore Office, commented, "Southeast Asia is seeing a growing need for scalable healthcare solutions. Taiwan's semiconductor and AI engineering capabilities allow for the development of precise, medical-grade diagnostic tools. By utilising Singapore as a regional gateway, we aim to build a resilient, AI-empowered wellness ecosystem that supports frontline clinical staff and improves patient outcomes across ASEAN."

Clinical Focus: AI and Surgical Technology Demonstrations

The pavilion features six flagship product launches focused on surgical navigation and automated care:

1. **AVer Information Inc. (Virtual Rounding & Surgical Streaming):** Their MD331UI Medical Grade PTZ Camera is designed to elevate both bedside care and OR broadcasting by enabling clinicians to see and hear patients clearly. "With intelligent AI, it enhances clinical collaboration and helps deliver a more connected patient experience," says

Doris Wu, Sales Manager.

2. **Wellell Inc. (Smart IoT pressure relief air mattress system):** The Procure Auto Link G3 digitalises ward management to help prevent pressure injuries and optimise nursing workflows. "By digitising automation, we improve logistics and reduce the physical workload for nursing teams," notes **Ray Yang, Manager.**
3. **IBASE Technology Inc. (100-TOPS Edge AI Medical Computing):** The MEC100 Edge AI System provides high-performance processing at the point of care to minimise latency and improve data security. "Our edge AI systems provide localised processing power to support real-time clinical decisions while securing data," explains **Kai Cheng Wu, Sales Manager.**
4. **Charder Electronic (Body Composition Analysis):** The MA601 utilises clinically validated algorithms to analyze cellular health. "Our devices help clinicians identify chronic illness early, supporting a shift toward proactive prevention," shares **Steven Chen, Director of Sales & Marketing.**
5. **Gee Hoo Industrial Corp. (Bio-functionality ADLs & Physical Rehab):** The GT8800 RF-0 Rehab treadmill is the ideal rehabilitation and therapy platform. "Support your patients with Body Charger GT8800 RF-2, a rehabilitation treadmill providing fully adjustable support for security and comfort," says **Ricky Hsu, Sales Executive.**
6. **EPED Inc. (3D Optical Surgical Navigation):** The RETINA system leverages sub-millimeter tracking technology to support complex surgical procedures. "The RETINA system provides real-time spatial intelligence to enhance surgical precision and patient safety," highlights **Carol Wang, Marketing Team Leader.**

Exhibition Layout: Specialised Zones of Care

Visitors to **Booth No. 2H01** can explore three specialised zones showcasing the evolution of clinical care:

- **Zone 1: Proactive Wellness (Home & Preventive):** Focuses on daily health management – featuring **Foot's** insoles, **Sauber's** air purifiers, **DEMAI's** air filtration systems, **Gee Hoo's** rehab solutions and **Charder's** quick-screening platforms.
- **Zone 2: AI-Driven Precision (Smart Clinic & Diagnostics):** Solutions for outpatient care – including **Energy Resources International's** portable X-ray, **APEXBIO's** rapid analyzers, **AVer's** Smart Tele-ICU, **IBASE's** Edge AI technology and **Transcend's** SSD.
- **Zone 3: The Surgical Hub (Smart Hospital):** Enhancing hospital infrastructure – featuring **EPED's** robotics, **TWSC's** laparoscopic tools, **Joson-Care's** ICU beds, **Wellell's** smart pressure relief air mattress system, **Axiomtek's** medical computing system and nursing care solution from **Advantech.**

The Taiwan Excellence Pavilion (Booth No. 2H01) at Sands Expo remains open to healthcare professionals through 11 September 2026.