

## **Expanding Antimicrobial Options in Hospital-at-Home Care Through Elastomeric Infusor Use**

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### **Abstract:**

**Background:** Taiwan entered a super-aged society in 2025, with increasing healthcare demands and limited hospital capacity. To reduce hospitalization-related risks such as delirium in older adults, the Ministry of Health initiated a pilot Hospital-at-Home (HaH) program. However, due to reimbursement restrictions, feasible intravenous antibiotics are limited to once-daily, broad-spectrum agents (e.g., ceftriaxone, levofloxacin, moxifloxacin, ertapenem). This limitation not only increases the risk of antimicrobial resistance but also narrows patient eligibility for HaH care. To address this challenge, Chi