

## **Curaco 'AI Excretory Care Robot' Focuses on the Implementation of the Integrated Care Act... Solving the 'excretion problem' of taking care of the house**

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### Article

**Ahead of the full implementation of the 'Medical Care Integrated Support Act' in March 2026, practical home care (AIP) alternatives emerge Seoul, Gyeonggi-do, and Gwangjin-gu demonstration project solves the 'home excretion problem'... Dramatic improvement in the quality of life of caregivers**



At the Gwangjin-gu demonstration project site, Curaco's AI excretion care robot processes the feces of elderly patients  
(photo: Curaco).

Ahead of the full implementation of the 'Act on Integrated Support for Community Care such as Medical Care and Nursing Care (hereinafter referred to as the Integrated Care Act)' in March, Curaco's 'Artificial Intelligence (AI) Excretion Care Robot' is attracting attention as a key solution for the success of integrated care in the community.

The key to the Integrated Care Act is to provide integrated medical, nursing, and residential services so that the elderly and disabled who need care can spend a healthy old age 'Aging in Place' rather than in hospitals or facilities.

Curaco's AI excretory care robot is an AI care solution that detects the feces of bedridden patients or the elderly with limited mobility in real time with sensors and automatically processes them as well as suction, cleaning, and drying, attracting attention by removing obstacles that make it difficult to care at home.

In particular, the most realistic barrier to care at home is definitely the problem of 'fecal disposal'. This not only puts an extreme physical burden on caregivers and care workers, but also undermines the dignity of patients, leading them to choose unwanted admission to facilities.

As a result, local governments have gone beyond simple manpower support and have begun to seek fundamental solutions using technology. As an alternative, Curaco's 'AI excretion care robot' is rapidly emerging. This robot is an AI robot that automatically detects the feces of patients with limited mobility and processes inhalation, cleaning, bideting, and drying, and has been evaluated as an innovative technology that fills the gap in day and night care.

Curaco's AI excretion care robot has already proven its achievements as a reliable integrated care service in the public domain. It was selected as an example of dissemination in the 'Gwangjin e-Care Customized Support Project' of Gwangjin-gu, Seoul, as well as in Seoul and Gyeonggi Province, as well as the basic local government.

As a result of the Gwangjin-gu demonstration project, it was found that the Curaco AI robot contributed to the comfortable hygiene management of patients as well as the relief of the burden of caregiving for caregivers. Actual users' families expressed high satisfaction, saying, "Conflicts between family members due to the smell of excrement and shame have disappeared and relationships have been restored," and "I can't imagine life without AI robots anymore."



Artificial Intelligence Excretory Care Robot

In recognition of Curaco's technology and credibility, it has been awarded a commendation from Prime Minister Kim Min-seok in July 2025 and a commendation from Minister of Health and Welfare Jung Eun-kyung in December, establishing itself as a representative company of 'K-AI excretory care robots'. Fujian Ministry of Welfare Social Service No. 1 Funding, Gyeonggi Province Preliminary [Unicorn](#) It has been selected as a company.

It has already been proven overseas. In 2018, it was registered as a welfare item in Japan Long-Term Care Insurance (Long-Term Care Insurance) and is the only Korean product to receive 90% of the cost. In 2024, it was the first Korean product to create and register a public medical insurance fee (CMS code) in the United States, and its effectiveness was recognized as a 'medical device' rather than a simple home appliance.

A Curaco official said, "The implementation of the Integrated Care Act in 2026 will be a turning point in the paradigm of care from labor-intensive to technology-intensive and service-intensive," and "If local governments introduce Curaco's AI technology, as in the case of Gwangjin-gu, it will be possible to implement an advanced welfare administration that catches both rabbits: ensuring a 'dignified old age' for the elderly and 'improving the quality of life of caregivers.'"

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