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Domestic excretory care robot expands supply to 11 nursing homes in Seoul

93% satisfaction with the results of the pilot operation for one year... Cross-ministry medical device business group "Expectation of positive change in domestic medical devices"

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(Conceptual diagram of 'Hospital Medical Information System (EMR)-linked medical smart excretory care system and service model' jointly developed by Curaco and Seoul National University Bundang Hospital)

The cross-ministry all-cycle medical device R&D project group (Director Kim Byung-min Project Group) announced that as a result of using the excretory care robot 'Care Bidet' released by Curaco Co., Ltd., which was selected as one of the 10 major projects of the cross-ministry all-cycle medical device R&D project, for one year in two municipal nursing homes operated by the Seoul Metropolitan Government, the excellence of the service quality was confirmed, and it was decided to expand the supply to 11 municipal nursing homes.

This result was disclosed at a training event held at the Seongnam Metropolitan Domestic Medical Device Education and Training Support Center based on the data collected by Curaco during the pilot operation.

The event, which was held under the theme of 'Human Dignity Care Using Excretory Care Robots', was attended by officials from Seoul Metropolitan Nursing Institutions, the Cross-Ministry's All-Cycle Medical Device R&D Project Group, officials from the Korea Association of Long-Term Care Institutions at Home, professors from related departments, and experts from research institutes.

Curaco's excretion care robot is a device designed to allow patients with limited mobility (the elderly, seriously ill, disabled people, etc.) to automatically perform fecal disposition, bidet cleaning, and hot air drying without using paper diapers.

As a result of operating the 'Seoul Southern Elderly Specialized Nursing Home' (Director Han Cheol-so) and 'Seoul Gangdong Silver Care Center' (Director Jung Kyung-il) for one year, 111 elderly subjects and field personnel recorded a high satisfaction rate of 93% and 7% satisfaction.

At this event, Ho-Sang Lee, CEO of Curaco Co., Ltd., Care Manager Hee-kyung Lee (Curaco), Director Cheol-so Han (Southern Elderly Nursing Home), and Dr. Kyung-Hee Choi (Korea Institute of Industrial Technology) presented ▲ introduction of robot functions ▲ application fields ▲ actual operation cases ▲ test verification cases and had a Q&A session with the attendees.

In particular, the project group helped a lot in the performance improvement and commercialization process of Curaco Care Bidet, and supported the excretory care robot to successfully establish itself in public nursing institutions in Korea by participating in the product design process to increase the usability and safety of the Care Bidet with the support of the clinical society advisory platform of the project group.

After being selected as one of the top 10 major projects in the cross-ministry medical device R&D project, Carebidet is the only Korean product to be registered with Long-term Care Insurance, a long-term care insurance for the elderly in Japan, and is receiving 90% of public benefit support, and in 2024, it is the first K-care robot in Korea to be exported to 20 countries including Korea, the United States, and Japan supported by the US federal public insurance by registering a new code at the Center for Medicare & Medicaid (CMS) in the United States.

In addition, Curaco is a company specializing in excretory care robots that has been manufacturing and selling only one product of excretion care robots since 2007, and has 121 domestic and foreign intellectual property rights through continuous research and development, and has completed certifications and registrations necessary for export, such as USFDA (US), CE (Europe), PSE (Japan), and ISO (international). In addition, it won the Innovation Award at the '2020 CES (Las Vegas, USA)'.

"I am glad that Curaco, which was released overseas faster than in Korea, has the opportunity to distribute it to public nursing institutions in Korea," said Kim Hyung-min, "We will do our best to support R&D and supply domestic medical devices so that our efforts to supply them will have a positive impact on public health and welfare sites, including nursing facilities in Korea."

On the other hand, a Curaco official said, "Curaco, which has been proven mainly for overseas business, has become an opportunity to be recognized once again by public nursing institutions in Korea" and added, "If the manufacturer (Curaco) increases the field for the spread of excretory care robots with the help of public support organizations such as research support organizations (cross-ministry medical device R&D project group) and education and training centers (wide-area medical device education and training support center), it will become a driving force for the supply of better excretory care robots and the elderly and their families in difficult situations will be able to receive better care."