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ASIA EDITION

Korean startup Sky Labs unveils world's first ring-type wearable BP monitoring solution for hospital wards

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Establishment of a blood pressure monitoring lineup that addresses every environment, from daily life to hospital wards



Sky Labs has launched 'CART ON', the world's first ward-specific blood pressure (BP) monitoring solution that utilises a ring-type blood pressure monitor to automatically measure and manage the blood pressure data of inpatients.

With the launch of CART ON, Sky Labs' business scope has expanded beyond the existing outpatient and consumer markets into the field of inpatient ward monitoring.

As the ward-specific solution is added to the certified medical devices-the 'CART BP pro' for outpatient clinical use and the 'CART BP' for general consumers-a lineup has been completed that addresses every stage where blood pressure measurement is required, from daily life to hospital wards.

Currently, Daewoong Pharmaceutical, a South Korean pharmaceutical company, holds the exclusive domestic sales rights for this solution and plans to supply it to hospital distribution networks nationwide.

South Korea-based startup Sky Labs has secured global-level technical and clinical reliability by conducting comparative clinical trials with existing standard methodsn — including Auscultation, cuff-based 24-hour Ambulatory Blood Pressure Monitoring (ABPM), and Invasive Arterial Line (A-line) — to prove the clinical validity of the ring-type blood pressure monitor applied to CART ON.

The introduction of the solution is expected to further enhance the work efficiency of medical staff in wards. In terms of nursing, it reduces potential errors that may occur during manual entry and simplifies recording and reporting tasks, helping nurses focus on their core professional duties such as medication and fluid management. Doctors can also improve the accuracy of diagnosis and the appropriateness of drug prescriptions based on objective data measured periodically.