SDC WellCare

Daedeok Innopolis · Daejeon, Korea

COMPANY & SERVICE BROCHURE 2026



AI FOR INTEGRATED CHRONIC CARE

Spot the early signs of chronic decline

The YOCHECK urine chemistry analyzer, WellCare AI for care facilities and HealthSync Pro for personal health connect measurement, AI analysis and follow-up care in one continuous flow.

YOCHECK®
Urine chemistry analyzer
MFDS Class II · 11 parameters

WellCare AI
AI for care facilities
Vital signs · focused-care triage

HealthSync Pro
Personal health platform
Checkup + urinalysis report

ABOUT SDC WELLCARE

AI that fills the gaps in care, SDC WellCare

For about five years we ran Seoul Day Care Center, a day-and-night care facility for 80 residents, and saw that health monitoring there stopped at a list of numbers. To fix this with data, we incorporated in Daejeon in April 2025 and registered as a Research Institute Company in Daedeok Innopolis that November. We combine field experience, Hanbat National University technology and our own AI engine into preventive care that runs from measurement to action.

MISSION

Reduce the nursing and care burden with data, and enable preventive care that spots a decline in older adults' health early.

VISION

From Daedeok Innopolis' care-AI company to Asia's care-AI company

No. 2145
Research Institute Company
Registered Nov 2025 · Daedeok Innopolis

7 patents
2 registered · 5 filed
5 filings on a longitudinal health-data AI engine

Class II
MFDS in-vitro diagnostic device
YOCHECK YC-11 · license & GMP

5 years
Running a care facility
Day-and-night care for 80 residents

30 sites
Care-facility pilots
Vital-sign AI trials before founding

3 countries
Korea · Japan · Vietnam
Japan pilot · 2 Vietnam MOUs

How we work

Field-driven
We solve problems found while running a care facility

Trustworthy AI
We explain every result and pursue external validation

One engine, many settings
Care facilities, individuals, checkups and overseas

Track record

2024.09 Pre-founding vital-sign AI trial at 30 care facilities (to 2025.04)

2025.04 SDC WellCare incorporated (Daejeon)

2025.08 Exclusive license to Hanbat Nat'l Univ. technology · moved to Daedeok Innopolis

2025.11 Registered as Research Institute Company (No. 2145)

2025.12 First-year revenue KRW 102M · operating profit

2026.03 Seed investment · Corporate R&D Institute accredited

2026.04 180-bed nursing-home pilot in Daejeon · AI Age-Tech clinical validation begins

2026.05 Certified as Venture Company · moved into Sejong Technopark

2026.07 Startup City Project selection · Osaka Smart Healthcare Export Roadshow

2026.09 YOCHECK license & GMP transferred · Japan pilot starts · 2 Vietnam MOUs · 5 patents filed

Daejeon · Daedeok Innopolis
HQ · R&D institute · R&D · AI engine

Sejong · Technopark
Manufacturing site · YOCHECK GMP production

Seoul
Sales office · Metro-area sales · support

※ Of the 7 patents, registered patent 10-2797570 is owned by Hanbat National University; SDC holds an exclusive license (registration of the license pending). The 5 filings are under examination.

THE GAP

The numbers pile up, but decline shows up late

Older adults live with several chronic conditions at once, while the care workforce itself is aging. Looking at one disease and one number at a time misses the early signs of decline. (Statistics below are for Korea.)

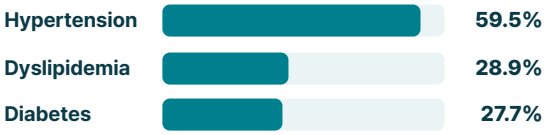
86.1%
of people 65+ have a chronic disease
2.2 conditions on average
MOHW 2023 Survey of Older Koreans

35.9%
have 3 or more chronic diseases
Up from 27.8% in 2020
MOHW 2023 Survey of Older Koreans

63.4%
of care workers are aged 60+
Workforce of 727K
MOHW 2025 LTC Survey

1.235M
LTC-approved beneficiaries
+6.0% year on year
NHIS 2025 LTC Statistical Yearbook

Most common chronic diseases (65+, Korea)



All three lead to heart, kidney and metabolic disease — which is why blood pressure, ECG and urinalysis should be read together.

Two gaps in the field

Care facilities: staff check tables line by line

~400 checks a day

80 residents × 5 vital signs. A single threshold cannot separate decline across overlapping conditions, so judgments are missed and warning signs found late.

Urine tests: recommended, but rarely done

13% → 53%

In an overseas study, about 13% of hypertensive patients got a UACR test under usual care; with home urine testing, 53% did within 100 days. The bottleneck is getting tested at all.

Our answer — testing into daily life, results into action

1. **Measure in daily life**
About 5 seconds at a care facility, at home or in primary care. No lab needed.

2. **Read the trend**
AI reads change from your own baseline, not a single number.

3. **Link to care**
Persistent signals lead to focused-care triage, family updates and clinician consultation.

Why now

Policy Korea's Integrated Community Care Act in force (2026.3.27) · 229 municipalities

Evidence KDIGO 2024 explicitly recognizes point-of-care testing (POCT)

Regulation Self-test IVD classification clarified (2025.11) · Digital Medical Products Act (2025.1)

Sources: NHIS 2025 LTC Insurance Statistical Yearbook (2026.6); MOHW 2025 LTC Survey (2026.8) and 2023 Survey of Older Koreans; Zafar W, et al. Am J Kidney Dis 2026;87(3); KDIGO 2024 CKD Guideline.

CHRONIC CARE SERVICE

Today's measurement, tomorrow's health

One AI engine reads YOCHECK urinalysis, care-facility vital signs and years of health-checkup records together. Results reach care facilities through **WellCare AI**, and individuals and screening centers through **HealthSync Pro**.

CHRONIC CARE SERVICE · LOOP

01 MEASURE

Measure

- YOCHECK: 1 sample, 11 parameters, ~5 sec
- Vital signs: BP, pulse, temperature, respiration, ECG
- Checkup history (up to 10 years, with consent)

02 INTEGRATE

Integrate

- Converted to the HL7 FHIR R4 standard
- Missing-value correction · 2-stage outlier detection
- A personal baseline that sharpens over time

Five care domains

Kidney health
Early check of protein and blood; checkup eGFR trend

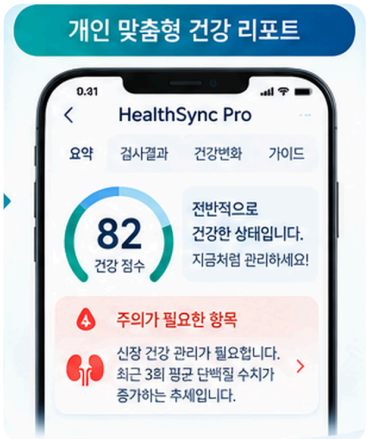
Diabetes · metabolism
Urine glucose and ketones; fasting glucose, BMI

Cardiovascular · BP
Blood pressure, pulse and ECG analyzed together

Urinary tract · liver
Leukocytes, nitrite; bilirubin, urobilinogen

Aging · overall risk
Biological age, multi-disease risk index

HealthSync Pro, read from the concept map



Personal health report (concept image, Korean UI)

INSIGHT 01

A loop, not a one-off test

Measure → integrate → analyze → act → measure again. The value lies less in one device than in the personal trend that builds up.

INSIGHT 02

Context for every urine result

Urinalysis is overlaid with checkups, vital signs and lifestyle, so the same number reads as change from your own baseline.

INSIGHT 03

From numbers to next steps

Results become a health score, items to watch and practical guidance — and persistent signals lead to a clinician.

Three products, one service

The device, the facility AI and the personal app run on the same engine and data standard. Use one, or combine them to fit the setting.

MEASURE

YOCHECK®

1 sample · 11 parameters · ~5 sec

MFDS Class II urine analyzer; results go to the app and AI.

CARE FACILITIES

WellCare AI

Vital-sign dashboard · triage

AI flags the residents staff should check first.

PERSONAL · SCREENING

HealthSync Pro

Checkup + urinalysis report

Shows personal change across the years.

03 ANALYZE

Analyze

- Risk and expected onset for 15 diseases at once
- Trends, variability and links between diseases
- Biological age · integrated health risk index

04 ACT

Act

- 4-level alerts · automatic focused-care triage
- Explains what to improve, and by how much
- Family updates · clinician consultation

It does not end at the report — back to measuring again. The more results build up, the sharper the personal baseline.

Service by setting

Care facilities · day care
WellCare AI + YOCHECK

- Residents' vital signs on one screen
- Automatic triage and 4-level alerts
- Regular urinalysis to track kidney and metabolic change
- Real-time family updates, automatic records

Individuals · home (Korea)
HealthSync Pro + YOCHECK

- Results saved to the app automatically
- One report with health-checkup records
- Health score, items to watch, guidance
- Clinician visit suggested if signals persist

Screening · primary care · insurers
HealthSync Pro + engine API

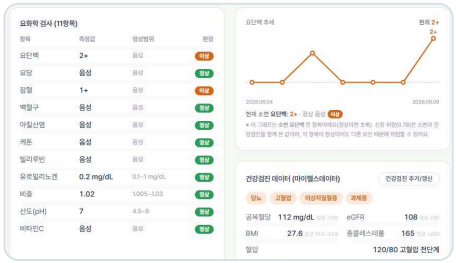
- Follow-up care packages after checkups
- Links to member and employee wellness
- Prediction-engine API or on-premise
- Supply of YOCHECK devices and strips

Inside the app — change and risk signals, not lists of numbers



Integrated health report

Combines rising urine protein with a falling checkup eGFR to flag kidney risk, and compares five risk areas at a glance.



11 parameters + trend

Each value, reference range and result, with a urine-protein trend and checkup data on one screen.



Checkup trend

Compares checkups over time; even if today's value is normal, a worsening trend (e.g., eGFR 126 → 108) is flagged early.

※ Screens use sample data and the Korean interface, and may change as the service evolves. Risk scores and reports are reference information for health management, not a diagnosis.

YOCHECK®

URINE CHEMISTRY ANALYZER

About 5 seconds, 11 urinalysis parameters

An MFDS (Korea) Class II in-vitro diagnostic device for self-testing. One strip measures 11 parameters, and results build up in the app as a personal trend.

MFDS Class II · IVD GMP (Korea) · Vietnam Class B



Compact design — Portable unit

~5-second reading — Fast results

App-connected — Results build up

11 parameters — From a single strip

11 measured parameters

Kidney	Protein PRO · Blood BLD · Specific gravity SG · pH pH
Metabolism	Glucose GLU · Ketones KET
Infection	Leukocytes LEU · Nitrite NIT
Liver	Bilirubin BIL · Urobilinogen URO
Interference	Vitamin C VC

※ The grouping is for ease of understanding and does not imply a diagnosis.

How to use

1. **DIP** — **Dip**: Dip the test strip in urine
2. **INSERT** — **Insert**: Insert the strip into the device
3. **READ & SYNC** — **Read · sync**: Results in ~5 seconds, logged in the app

Vitamin C interference check — Measuring vitamin C (ascorbic acid) lets users check for possible false-negative results for blood, glucose, bilirubin and nitrite.

Product specifications

Product	YOCHECK YC-11
Classification	Class II in-vitro diagnostic device for self-testing (MFDS No. 체외 제인 25-4245)
Method	Photometric reflectance reading of reagent-pad color change, with lot calibration
Connectivity	Smartphone app — results and personal longitudinal trend
Where to use	Home · primary care · screening centers (no lab, technician or dedicated space)

MFDS Class II — No. 체외 제인 25-4245

IVD device GMP — KCL-CABABE-28072

Vietnam Class B — 260001118/PCBB-HCM

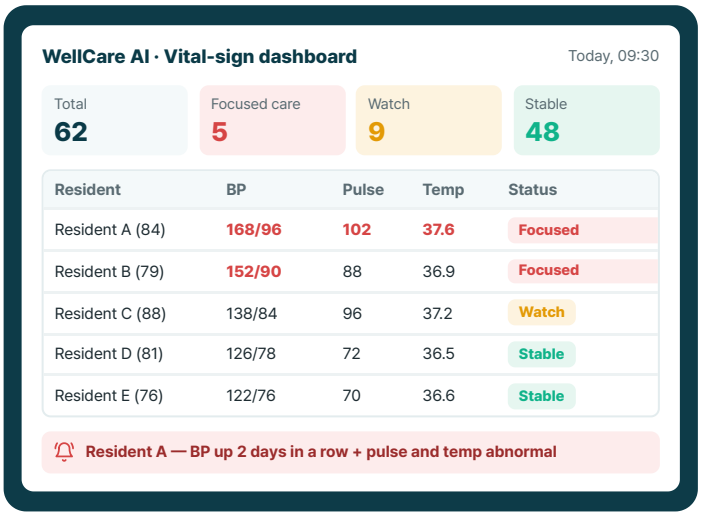
Licenses and GMP transferred to SDC in Sept 2026 — one company from device to AI service, produced at our GMP site in Sejong. **Regulatory status varies by country:** approved in Korea, notified in Vietnam; not yet approved elsewhere, including Japan and the US.

FOR CARE FACILITIES

WellCare AI

From checking everyone to priority residents first

WellCare AI gathers residents' vital signs on one screen, and AI sorts consecutive and multi-item abnormalities automatically to show staff who to check first.



Example screen layout (sample data)

BEFORE

List-of-numbers monitoring

~400 checks a day

- BP, pulse, temperature, breathing in tables
- Every resident's values checked line by line
- Missed judgments · late warning signs

→

AFTER

Exception-based monitoring

5 of 62 (8.1%)

- AI sorts hypertension, 2-day and multi-item abnormalities
- Focused-care residents checked first
- Earlier awareness · auto records · family updates

※ 5 of 62 is a triage example from a pilot site that shows the change in checking workload; the clinical validity of the triage is being validated separately.

Key features

Integrated dashboard
Vital signs from linked devices, in real time

Focused-care triage
AI sorts consecutive and multi-item abnormalities

4-level alerts
Age- and sex-group thresholds designed to cut false alarms

Predictive reports
Trend-based prediction and generative-AI support

Family sharing
Share a resident's status with family in real time

Plans (monthly subscription)

Lite	Standard	Premium
Dashboard · triage · basic alerts	Predictive reports · 4-level alerts · family alerts	Explanations · coaching · biological age · integrations

Pricing and delivery are agreed with local partners and quoted individually for each market.

Validated in the field

2024.09 – 2025.04	Pilots at 30 care facilities	Done
2026.04 – 10	180-bed nursing-home pilot, Daejeon (Daejeon TP)	Done
2026.04 – 11	Algorithm validation on Yonsei Medical Center data (AI Age-Tech)	Ongoing
2026.09 – 2027.09	Care-facility pilot in Japan (Japan Life Support)	Ongoing

WellCare AI does not replace existing care-operations software; it adds triage, prediction and explanation on top of it.

AI ENGINE & PARTNERSHIP

One AI engine — looking for partners to grow with us

Five core technologies (5 patent filings)

Common base Multi-year checkup records → time-series deep learning → disease co-occurrence graph

P1 Dynamic prediction
Updates with each checkup, only when validated

P2 Multi-disease
Risk and expected onset for 15 diseases

P3 Explanation
Ranks indicator, timing and disease factors

P4 Health-status alerts
Fuses checkups and daily biosignals

P5 Biological age
Aging across 7 domains, tied to care

Operating principles for trust

Non-medical wellness service
No diagnostic wording; MFDS pre-consultation in Korea, other markets reviewed separately.

Explainable AI
Each result shows ranked factors, kept as an audit record.

Privacy by design
HL7 FHIR R4, item-by-item consent, pseudonymization, audit logs.

Global expansion

JAPAN
Japan
Pilot → joint business

Pilot with Japan Life Support (2026.9–2027.9), joint business agreement, J-SCORE

VIETNAM
Vietnam
Export → local distribution

YOCHECK Class B notified; 2 MOUs with Vina Healthcare and Hello Pet

CENTRAL ASIA
Kazakhstan · Azerbaijan
Registration planned · partners wanted

Seeking distribution, import and regulatory partners for YOCHECK

Who we work with

Care facilities · day care
WellCare AI adoption and pilots

Care software · devices
FHIR-based system integration

Screening · insurers
Member and staff wellness programs

Distributors · licensing
Local sales, prediction-engine API

Cooperation network

Hanbat National University · Daejeon Technopark · WMIT · Yonsei Medical Center · INNOPOLIS Foundation · Japan Life Support · J-SCORE · Vina Healthcare · Hello Pet

How adoption works

STEP 1 **Consultation**
Site size and needed features

STEP 2 **Pilot**
Device linkage · data check

STEP 3 **Training · rollout**
Staff training, family guide

STEP 4 **Ongoing support**
Regular reports · upgrades

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YOCHECK

WellCare AI

YOCHECK YC-11 is an MFDS-approved self-test IVD device in Korea; regulatory status differs by country. Results and WellCare AI / HealthSync Pro reports are reference information for health management, not a diagnosis or treatment. Patent filings are under examination; external validation is planned. Images and screens are illustrative.