

South Korea Wound Care Management Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

South Korea Wound Care Management Devices Market Analysis

The South Korea wound care management devices market is valued at USD 421.45 million in 2025 and is on track to reach USD 580.78 million by 2030, advancing at a 6.62% CAGR. A super-aged demographic profile, rising lean-diabetes incidence, and supportive government R&D funding are converging to keep demand for advanced dressings, negative-pressure wound therapy (NPWT) systems, and smart monitoring tools strong. The Ministry of Science and ICT's record KRW 24.8 trillion 2025 budget and the Korean ARPA-H program are accelerating domestic device innovation. Hospitals remain the primary purchasers, yet telehealth-enabled home care is expanding rapidly, encouraged by the Digital Medical Products Act that took effect in 2025. Persistent reimbursement gaps for silver-impregnated dressings and other premium consumables temper market potential, but the overall outlook for the South Korea wound care management devices market remains positive through 2030 .

South Korea Wound Care Management Devices Market Trends and Insights

Increase in Diabetes Prevalence & Ageing Population

Diabetes generated 25,439 disability-adjusted life years per 100,000 Koreans in 2020. Lean diabetes, defined by BMI < 23 kg/m², climbed from 6.6% to 8.8% between 2001 and 2021, a 33.3% surge that complicates wound healing because of low insulin reserves. Hypertension affects 28.0% of adults and frequently co-exists with diabetes, combining to slow tissue repair. Korea University Guro Hospital alone treated 180,872 wound cases during 2018-2022, underscoring the scale of clinical need.

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Catheter-related injuries already make up 45.3% of admitted wounds, illustrating how multiple comorbidities magnify complexity in the South Korea wound care management devices market .

Rising Incidence of Chronic Wounds & Surgical Procedures

An ageing population drives pressure-ulcer prevalence, adding direct medical costs and longer stays for geriatric patients. Simultaneously, medical tourism brought in 606,000 foreign patients in 2023, upping surgical case counts and postoperative wound volumes. Insurance rules still restrict silver dressings to major burns despite proven efficacy in chronic ulcers. Specialist dressing teams in tertiary centers keep complication rates low at 0.08% by standardizing care. Preventive protocols are therefore viewed as essential cost-containment levers across the South Korea wound care management devices market.

High Procedure Cost & Reimbursement Gaps

National Health Insurance still reimburses silver dressings mainly for severe burns, not for chronic ulcers, restricting access to technologies that would otherwise lower infection rates. The fixed-rate payment model forces long-term care centers to absorb 7.3% of monthly tracheostomy spending solely on suction catheters. While a KRW 10 trillion reform package aims to raise undervalued medical-service fees, implementation remains uncertain. These cost barriers delay adoption of best-in-class dressings in the South Korea wound care management devices market.

Other drivers and restraints analyzed in the detailed report include:

Government Incentives for Domestic Med-Tech Innovation / Adoption of Advanced Wound Care Technologies Including NPWT and Bioactive Dressings / Stringent MFDS Regulatory Pathway /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

South Korea wound care management devices market size for Wound Care items stood at USD 278 million in 2024, equal to 65.98% of total revenue. Traditional gauze still sells well for routine cases, yet sales momentum clearly favors advanced lipidocolloid and bioactive dressings that slash healing time in pressure ulcers. NPWT compatibility and antimicrobial coatings are the fastest-moving value-adds because tertiary centers demand infection control. Domestic firms collaborate with university labs on herbal extract-infused hydrogels, merging Eastern remedies with Western clinical practice. Competitive moats center on intellectual property, hospital contracts, and educator outreach that trains nurses in protocol-driven dressing changes.

Wound Closure devices contribute a smaller share today but carry a 7.02% CAGR, the highest among all categories within the South Korea wound care management devices market. Korean engineers are embedding antibiotics and anti-inflammatory drugs into absorbable sutures to combat resistant organisms. Electronic sutures developed by DGIST provide real-time inflammation data, a technology that could re-define postoperative care workflows. Tissue adhesives benefit from nanoparticle-enhanced formulations delivering 7.15-fold stronger adhesion than cyanoacrylates. Surgical stapler demand rises in lockstep with inbound elective-surgery patients, underscoring why product pipelines increasingly target ergonomic, single-use staplers optimized for Korean operating rooms.

Chronic lesions command 60.34% of South Korea wound care management devices market share in 2024. Diabetic foot-ulcer incidence climbs in parallel with lean diabetes growth, a phenotype presenting lower insulin and diminished muscle mass that slows closure rates. Pressure-ulcer prevention programs now include nutrition counseling and early mobilization, yet facility data still show stubborn recurrence in bedbound elders. Venous leg-ulcer therapy blends compression with advanced hydrogels,

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tapping both Western evidence and Korean traditional insights for herbal anti-inflammatories. Home-visiting nurses use smartphone apps to document weekly progress, feeding clinical dashboards that alert physicians to infection signs early, an approach scaling rapidly across the South Korea wound care management devices market.

Acute wounds expand faster at a 6.98% CAGR through 2030. Surgical and traumatic wounds dominate volume thanks to higher orthopedic and cosmetic surgery counts among domestic and foreign patients. Korean burn units are experimenting with cobalt-doped nanoglass grafts that temper inflammation and spur angiogenesis, matching performance of growth-factor drugs without cold-chain constraints. Emergency centers integrate dermal templates and cell therapy to speed soft-tissue repair after accidents, shortening ICU stays. For dermatologic procedures popular with medical tourists, clinics increasingly hand out post-laser hydrogel patches bundled with smartphone after-care instructions, reflecting consumer-centric propositions in the South Korea wound care management devices market.

The South Korea Wound Care Management Devices Market is Segmented by Product (Wound Care [Dressings, Wound-Care Devices, and More] and Wound Closure [Sutures, Surgical Staplers, and More]), Wound Type (Chronic Wounds and Acute Wounds), End User (Hospitals & Specialty Wound Clinics and More), and Mode of Purchase (Institutional Procurement and Retail / OTC Channel). The Market and Forecasts are Provided in Terms of Value (USD).

List of Companies Covered in this Report:

Johnson & Johnson / Smiths Group / Solventum / Medtronic / Molnlycke Health Care / Convatec / Coloplast / Essity (BSN medical) / Beiersdorf / HARTMANN Group / Acelyt/KCI / Lohmann & Rauscher / B. Braun / Medline Industries / Urgo Medical / Winner Medical / Daewoong Pharmaceutical / Genewel Co., Ltd. / Young Chemical / Korea MediTech Co., Ltd. /

Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

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