

## 2. Water-Free Gel Technology

Why Water-Free, Squeezable Formulation?



Probiotics can be seriously damaged by moisture and gastric acid. WelCare overcomes these limits with its patented water-free gel technology.

Product Type	Water-Free	Squeezable	Gastric Acid Protection
Powder	○	×	×
Capsule	○	×	×
Chewable	×	×	△
Churu-style	×	○	×
<b>WelCare</b>	○	○	○

※ WelCare is the world's only formulation that meets all three criteria.

### About ValvetCare

Established in 2006, ValvetCare Co., Ltd. is a Korea-based pet wellness company specializing in science-backed, innovative health solutions for dogs and cats.

#### 01 | Veterinary Network

3,000+ veterinary clinics across South Korea · Over 90% domestic veterinary channel coverage

#### 02 | Market Leadership

No.1 domestic pet probiotic brand

#### 03 | R&D-Based Formula

Continuous research for advanced pet health technology

#### 04 | Patented Technology

Korea & US patented Multi-Layer Coating Technology

#### 05 | Clinical Results

Efficacy supported by university clinical trial data

#### 06 | Daily Pet Wellness

Gut health · Immunity · Medication support · Daily nutrition

#### 07 | Safety & Quality

Hypoallergenic · Non-GMO · Human-grade · HACCP-certified

Building a healthier tomorrow for pets with ValvetCare.

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Medi Shield

Product Line

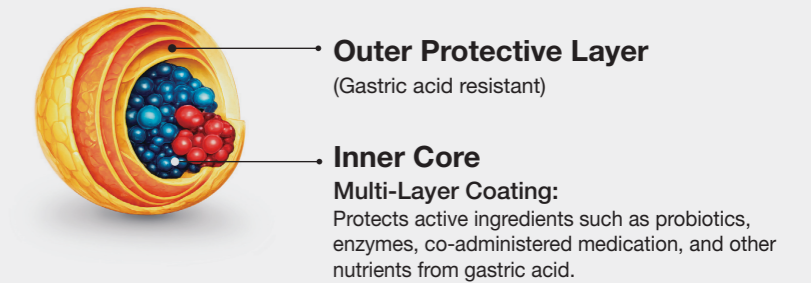
Squeezable Probiotics

## Why WelCare?

- Water-Free, Squeezable Formulation (Gel / Liquid)
- Highly Effective with Proven Results
- 100% Free from Preservatives and Additives
- One Stick, Any Weight

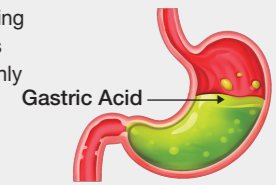
## 1. Multi-Layer Coating Technology (DDS)

A groundbreaking drug delivery system that protects active ingredients.



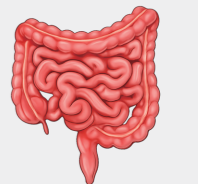
### STAGE 1. Protection from Gastric Acid

The outer layer of the multi-layer coating protects active ingredients, such as probiotics and enzymes, from the highly acidic stomach environment.



### STAGE 2. Intestinal Colonization

Once it reaches the small intestine, the coating dissolves and releases active ingredients for safe intestinal absorption and gut colonization.



### Proven by Clinical Data

- **Drug Stability** : Chungnam National University College of Pharmacy  
→ 1.5x Improvement in Drug Protection vs. Control
- **Improvement in Intestinal Inflammation** :  
Kyung Hee University College of Pharmacy  
→ Efficacy Confirmed in a Colitis Model

# WelCare Product Categories

Category	Clinical Data & Characteristics	Products & Key Features
<b>Medi Shield</b>	<ul style="list-style-type: none"> <li>Multi-Layer Coating</li> <li>Clinically proven to protect medication efficacy</li> <li>For dogs &amp; cats</li> </ul>	<ul style="list-style-type: none"> <li>WelCare Dog (Stick-type): Probiotics + Digestive Enzymes</li> <li>WelCare Heart (Tube-type): Probiotics + Digestive Enzymes + Heart Supporting Nutrients</li> </ul>
<b>Squeezable Probiotics (Water-Free)</b>	<ul style="list-style-type: none"> <li>Multi-Layer Coating</li> <li>Clinically proven to reduce intestinal inflammation</li> <li>For dogs &amp; cats</li> <li>For gastrointestinal issues such as diarrhea, bloody stool, stomach rumbling, and bilious vomiting.</li> </ul>	<ul style="list-style-type: none"> <li>WelCare G/I (Stick-type): Widest Variety of Probiotic Strains + Digestive Enzyme Types in the WelCare Lineup</li> <li>WelCare Daily (Stick-type): Probiotics</li> </ul>
<b>Liquid Probiotics</b>	<ul style="list-style-type: none"> <li>Multi-Layer Coating with reduced viscosity</li> <li>Odorless &amp; Flavorless</li> <li>Clinically proven to reduce intestinal inflammation</li> <li>The only liquid formulation in the WelCare lineup</li> <li>For dogs &amp; cats</li> <li>No protein sources. Suitable for picky pets &amp; pets with food sensitivities or allergies</li> </ul>	<ul style="list-style-type: none"> <li>WelCare LactoDrop (Dropper-type): Probiotics + Digestive Enzymes</li> </ul>
<b>Squeezable Supplements (Water-Free)</b>	<ul style="list-style-type: none"> <li>Multi-Layer Coating</li> <li>For dogs &amp; cats</li> <li>Advanced Squeezable Supplements with Functional Probiotics</li> </ul>	<ul style="list-style-type: none"> <li>WelCare S/C (Stick-type): Skin-Specialized Functional Probiotics + Skin Nutrients</li> <li>WelCare B/J (Stick-type): Joint-Specialized Functional Probiotics + Joint Nutrients</li> <li>WelCare O/V (Stick-type): Eye-Specialized Functional Probiotics + Eye Nutrients</li> </ul>

# Medi Shield



**WelCare Dog : Medi Shield & Squeezable Probiotics**  
Formulated with probiotics and digestive enzymes. For daily use or for use with powder, tablet, or capsule medications.



**WelCare Heart : Medi Shield & Heart-Support Supplement**  
Formulated with heart-supporting nutrients (CoQ10, taurine, L-carnitine), probiotics, and digestive enzymes. For heart support or for use with powder, tablet, or capsule medications. Particularly suitable for use with pimobendan.

# Squeezable Probiotics



**WelCare Daily : Squeezable Daily Probiotics**  
Formulated with probiotics for daily digestive care, supporting gut balance and overall intestinal wellness.



**WelCare G/I : Premium Squeezable Probiotics**  
WelCare's most advanced product, formulated with the widest variety of probiotic strains and digestive enzyme types in the lineup. Improves gastrointestinal balance and relieves digestive issues such as bilious vomiting, stomach rumbling, diarrhea, constipation, and bloody stool.

# Liquid Probiotics



**WelCare LactoDrop : Tasteless & Odorless Liquid Probiotics with No Protein Sources**  
WelCare's only liquid formulation for picky pets and pets with food sensitivities or allergies. Formulated with probiotics and digestive enzymes. Just five drops a day to support gut health and healthy digestion.

# Squeezable Supplements



**WelCare S/C (Skin): Advanced Squeezable Supplement for Skin Care**  
Formulated with functional probiotics and skin-supporting nutrients for skin health.

- GMNL®-PPF probiotics
- Coenzyme Q10 · Fish Collagen Peptide
- DL-Methionine · Vitamin-Mineral Premix



**WelCare B/J (Joint): Advanced Squeezable Supplement for Joint Care**  
Formulated with functional probiotics and joint-supporting nutrients for joint health.

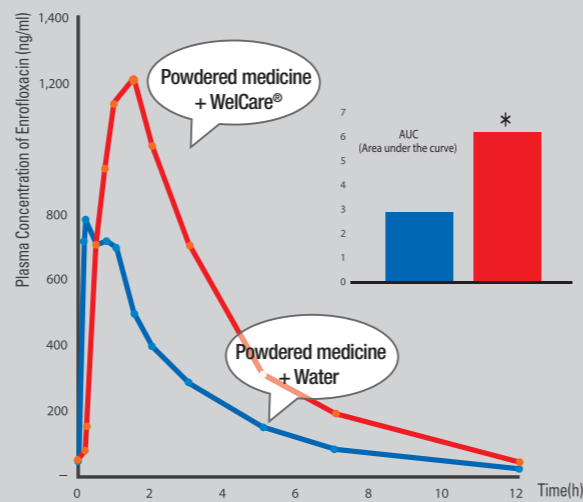
- Lactobacillus plantarum GMNL-662
- Green Mussel · Glucosamine Sulfate
- Fish Collagen Peptides · Vitamin-Mineral Premix



**WelCare O/V (Eye): Advanced Squeezable Supplement for Eye Care**  
Formulated with functional probiotics and eye-supporting nutrients for eye health.

- Lactobacillus plantarum VI-07
- Lutein · Zeaxanthin · Astaxanthin
- Coenzyme Q10 · Vitamin-Mineral Premix

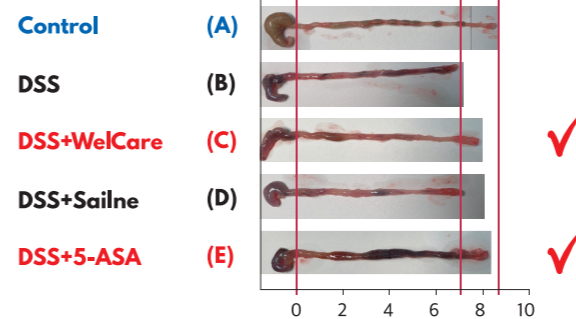
## Clinically Proven: Protects Drug Efficacy from Stomach Acid



- (Blue Graph)** Powdered Medicine (Enrofloxacin; Baytri®) + Water
- (Red Graph)** Powdered Medicine (Enrofloxacin; Baytri®) + WelCare®
- Changes in plasma enrofloxacin concentration over time and the area under the curve (AUC) after administration of powdered enrofloxacin mixed with either water or WelCare.
- Drug Stability Confirmed in Beagles (Clinical Trial Centers: Kyungpook National University, College of Veterinary Medicine & Chung-Ang University, College of Pharmacy)

∴ WelCare® formulation protects drug efficacy from stomach acid & improves drug absorption.

## Clinically Proven: Improves Intestinal Inflammation



- Effect of WelCare® in a DSS-induced ulcerative colitis model**
  - Comparison of survival rate (%) and changes in colon length (cm)**
    - Control, DSS+WelCare®, and DSS+5-ASA groups exhibited a 100% survival rate, whereas DSS and DSS+Saline groups showed survival rates of 62.5% and 75.0%, respectively.
    - Poor bowel conditions, such as diarrhea or bloody stool, are linked to reduced colon length.
    - WelCare® and 5-ASA groups showed colon lengths closest to those of the control group.
  - \* **DSS (dextran sulfate sodium):** ulcerative colitis-inducing agent
  - \* **5-ASA (5-aminosalicylic acid):** ulcerative colitis medication (positive control)
- ∴ WelCare® showed effects comparable to 5-ASA in a DSS-induced intestinal inflammation model.