

# Professional Care for Each Type of Wound

We develop wound care products for various wound with natural ingredients



# Company History



- 
- **2020** Rebranded the veterinary line **CUROVET**  
Obtained CE certificate for **Neo Dermal Activator Plus**  
and **Neo Mucosal Activator**
  - **2019** Obtained Halal Certificate from KOHAS  
Obtained cosmetic certificate, CPNP for Europe  
Registered **DWA, Neo Mucosal Forte** as Class II, Medical device
  - **2018** Obtained **ISO22716:2007**  
Began to export to Vietnam  
Listed the products in US **FDA**  
Registered **Eco Hairskin, Eco Clean** for **CFDA**  
Relocated the factory to a larger place  
Launched new product lines, **Cosmetic and Veterinary Medical Device**
  - **2017** Applied for patents for 「Collagen wound dressing component」  
and 「Hyaluronic acid wound dressing」 in China  
Obtained **ISO13485:2003, ISO9001:2015**  
Launched **Neo Skin-D**
  - **2016** Obtained a patent for 「Collagen wound dressing component」  
**2011** Launched **Neo Mucosal Activator, Neo HC Gel, Eco Shield,**  
**Eco AT Gel, Scicosal**  
Launched **Neo Dermal Activator**
  - **2010** Established the factory in Bucheon city

# Certificates

## ISO13485



## ISO9001



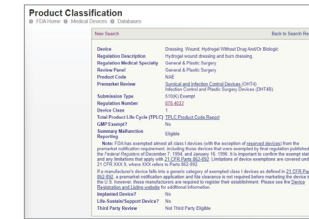
## ISO22716



## CE



## U.S FDA



## CFDA



## CPNP



## Halal



## Patent



## Patent-China(Pending)

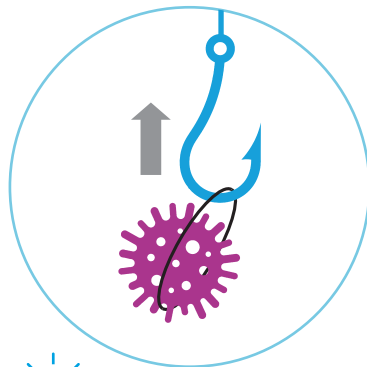


# Core Technology

## Pulling & Binding Technology

Daeun Product drags the body fluid containing negative substances out of the wound area and combines with them, providing hygienic condition and preventing Infection.

### • PULLING

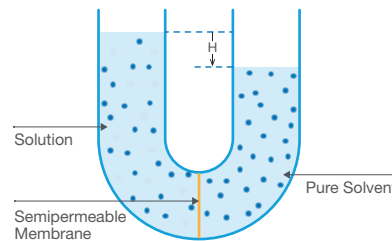


One of the main ingredients, Glycerol is hydrophilic and it has a huge molecule weight. Therefore, it causes **osmotic pressure** and acting like a high concentration solution.

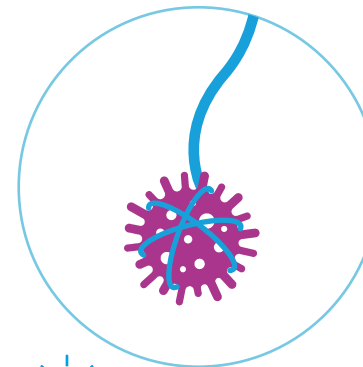


#### Osmotic pressure Mechanism

Osmosis is the flow of water/solvent molecules through a semipermeable membrane from a region of low to high solute concentration, until equilibrium is established.



### • BINDING



**Tannin** acid in the product contains sufficient hydroxyl & Carboxyl to form strong complex with proteins. Therefore Daeun product combines with proteins such as virus, bacteria, and precipitate their molecule.



#### Tannin

Tannin is a type of polyphenol that comes from various type of plants, herb and etc.



# Core Technology

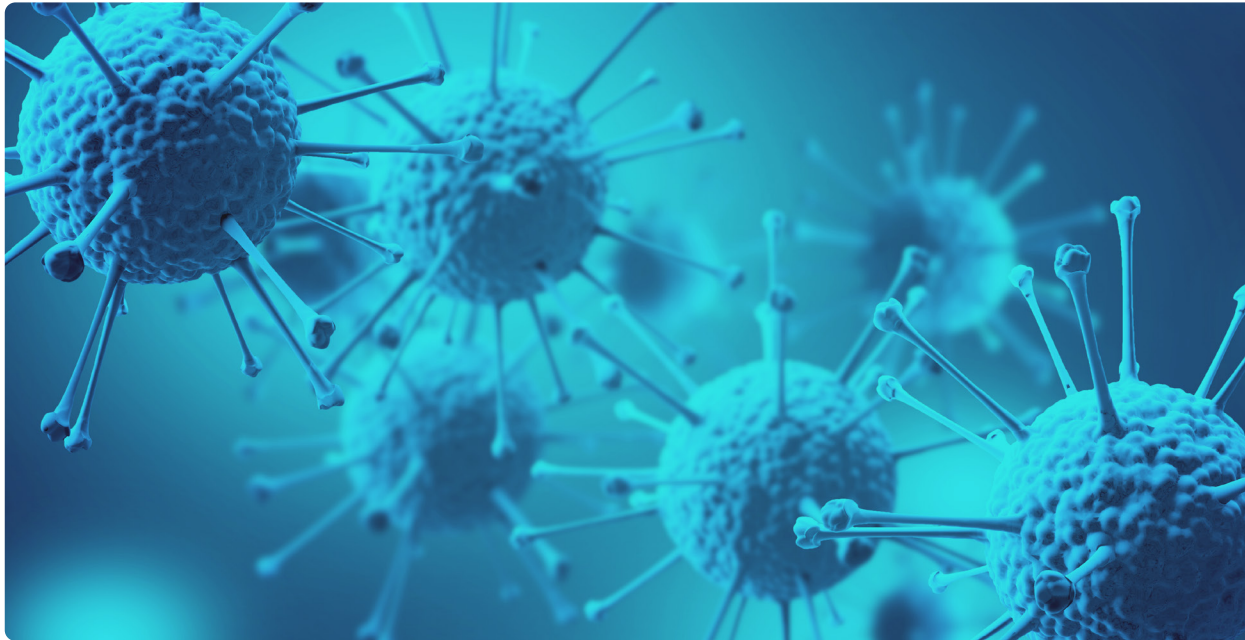
## Wound Care Mechanism

Negative substances	Wound Care Effect
Virus, Bacteria, Fungus, etc.	Prevent Infection, Wound Healing
Excessive Protease	Protect ECM
Pain-causing substances	Pain Relief

**With Pulling & Binding technology, Daeun product eliminates the negative substances in wound area and helps wound care.**

# Core Technology

## Wound Healing Mechanism – Prevent Infection & Wound Healing

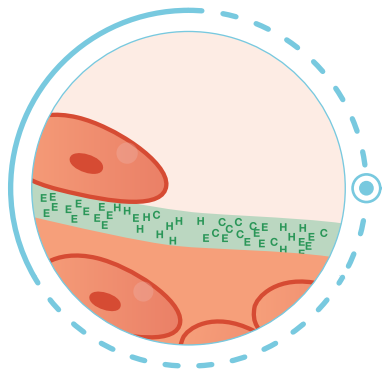


Various type of negative substances, including virus and bacteria, attack our body to infiltrate and infect. Daeun product combines and reduces the number of these negative substances so that the wound can heal in a hygienic condition without infection or inflammation.

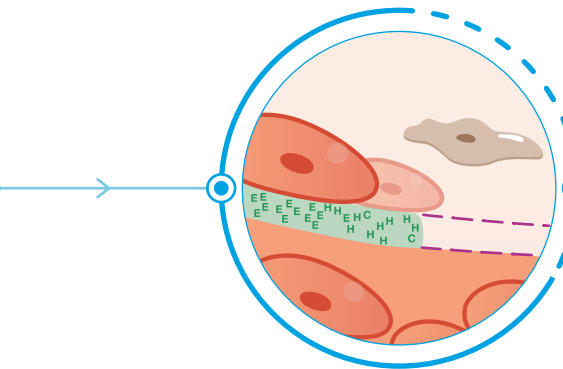
# Core Technology

## Wound Healing Mechanism – Skin Regeneration

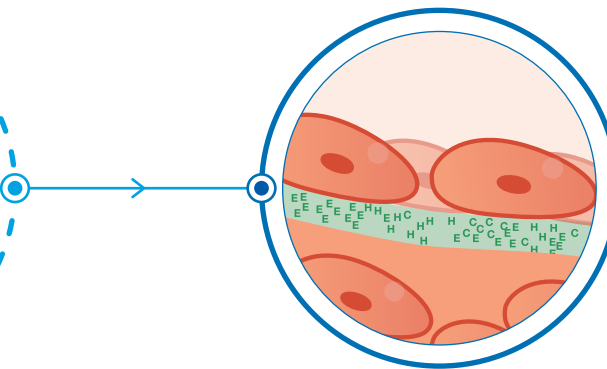
- Daeun Product protect ECM, eventually helping Skin Regeneration.



Cells grow on the Extracellular Matrix.



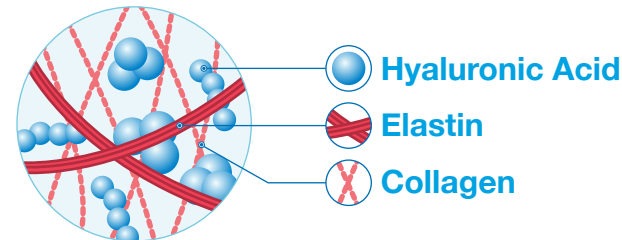
When our body has wound, it produces protease. However, excessive protease resolves ECM.



DAEUN Product eliminates excessive protease and protects ECM helping cell regeneration.

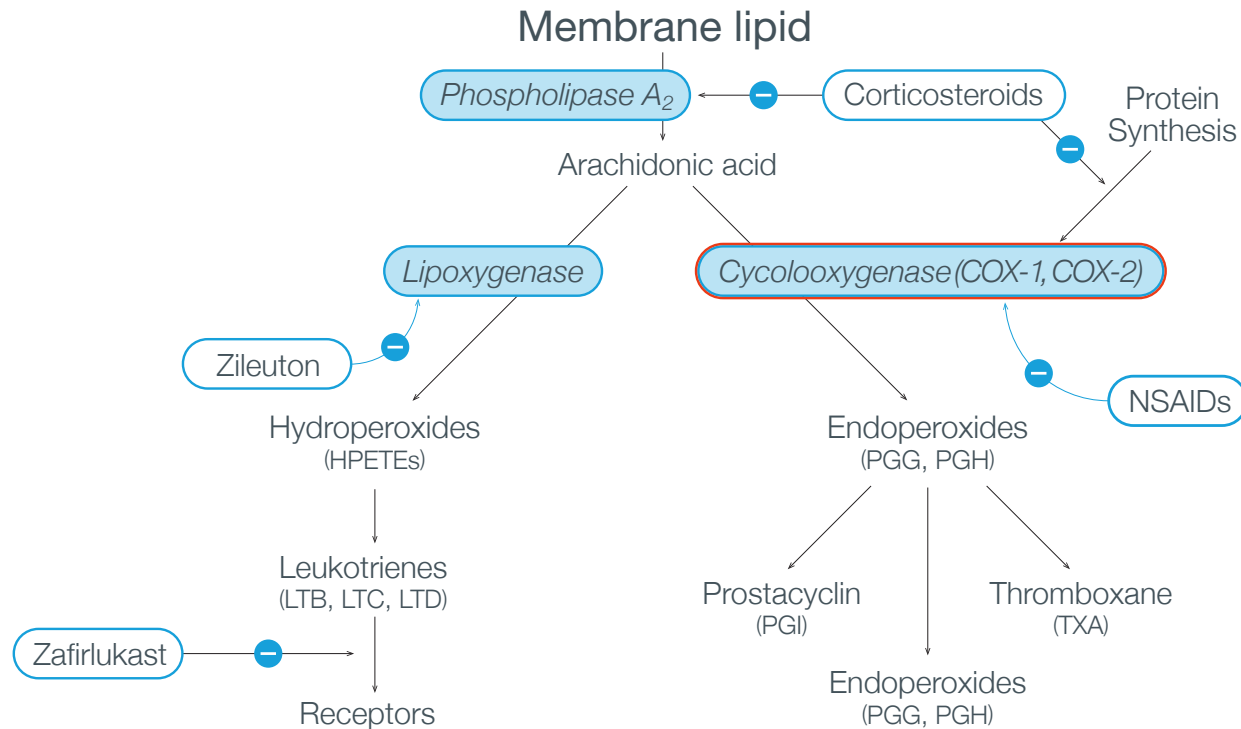
- **What is ECM?**

ECM, Extracellular Matrix provides structural and biochemical support to surrounding cells. ECM is essential for cell proliferation.



# Core Technology

## Wound Healing Mechanism – Pain Relief



Cyclooxygenase is an enzyme which contributes to pain.  
Daeun product combines with Cyclooxygenase and reduces the number of them and relieves pain.



# Product Line

## Medical Device



### Neo Dermal Activator

Serious Wound, Burn, Ulcer, Bedsore



### Eco Shield

Nasal Wound, Sinus Infection,  
Allergic Rhinitis



### Eco AT Gel

Atopic Dermatitis, Psoriasis, Eczema



### Neo Mucosal Forte

Stomatitis, Mouth Dryness



### Neo Skin-D

Scar Care



### Neo HC Gel

Blister Wound, Herpes, Herpes Zoster

# Product Line

## Veterinary Medical Device



### HealiMax

Surgical Wound, Burn, Ulcer



### Atoma-X

Atopic Dermatitis, Abscess, SSC(Squamous Cell Carcinoma), Bacterial & Fungal Dermatitis, Acne



### MucoMax

Resorption of Teeth, Stomatitis, Cheilitis, Periodontitis, Gingivitis



### NozCura

Rhinitis, Sinusitis, Rhinostenosis



### AuriCura

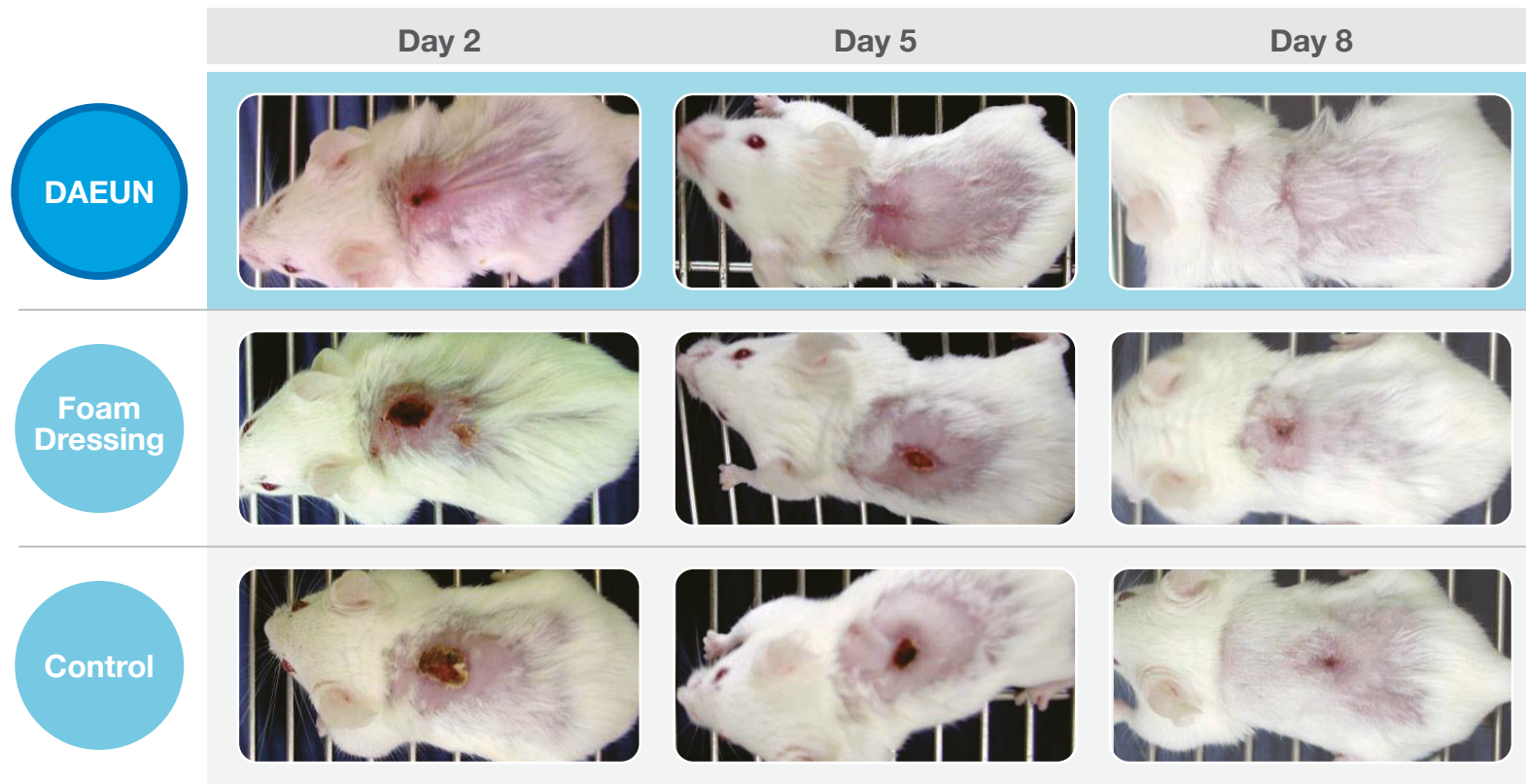
Otitis Externa, Yeast Ear Infections



### ActoVision

Xerophthalmia, KCS(Keratoconjunctivitis Sicca), DES(Dry Eye Syndrome)

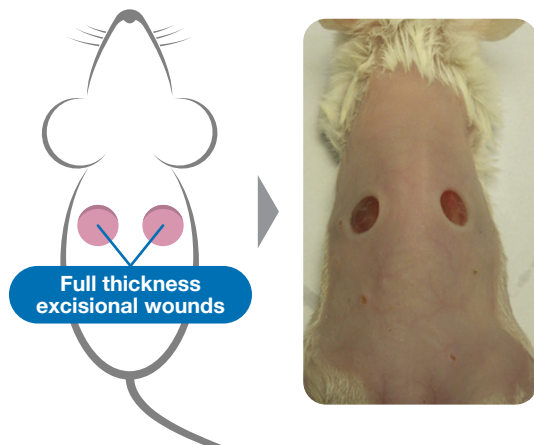
# Clinical Trial 1



# Clinical Trial 2

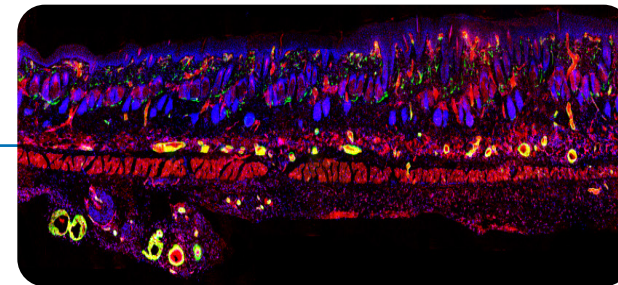
## Experiment Design

- Mouse : BALB/C Tewnnty
- Wound model  
: Mouse dorsal full thickness excisional wounds (5mm)



## Experiment Result

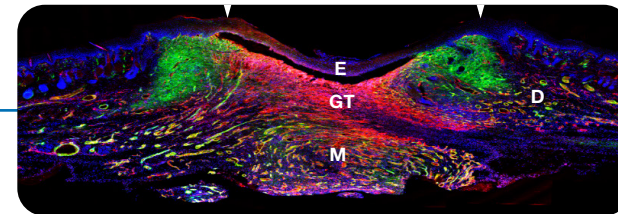
Normal Skin



100%

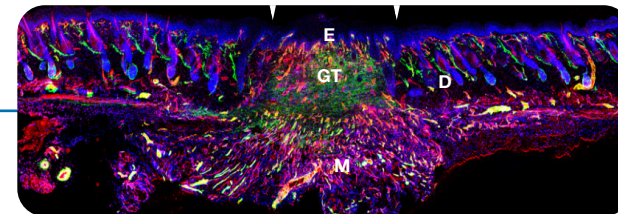
After 8 days of treatment

Product A



46.8%

Neo Dermal Activator



76.4%

# Clinical Trial 3

With Neo Dermal Activator

## Bedsore

Before

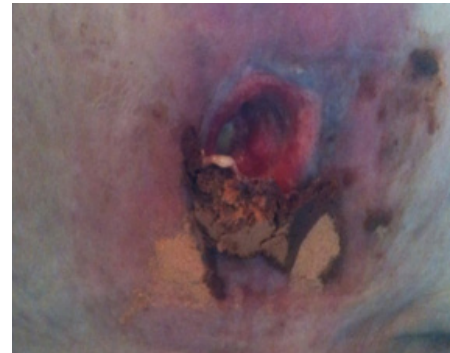


After



## Diabetic Wound

Before



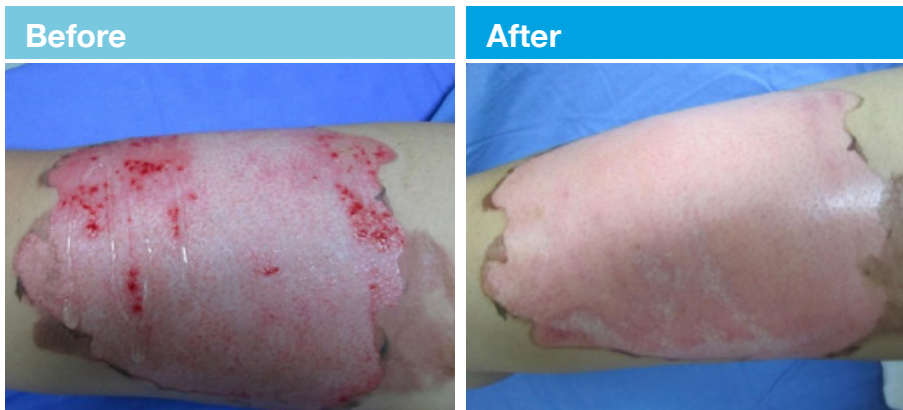
After



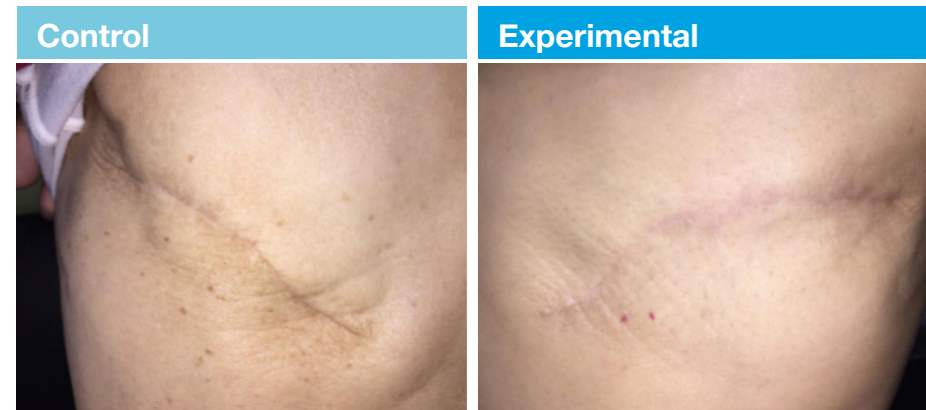
# Clinical Trial 4

With Neo Dermal Activator

## Chemical Burn



## Surgical Wound



# Clinical Trial 5

With Neo Skin-D

## Caesarean Section

Operation Day



Post OP Day 1



Post OP Day 3



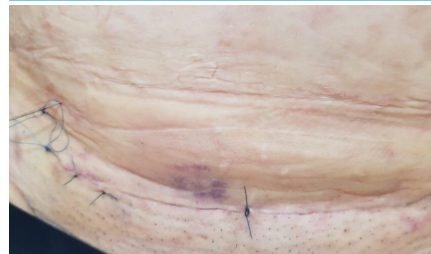
Post OP Day 8



Pre Operation



Post OP Day 1



Post OP Day 4



Post OP Day 8





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