Biomimetic Peptide / Growth Factor

The world’s leader of cosmeceuticals

Caregen continues its technology innovation to make our products more accessible and affordable to our partners all over the world.
Caregen is a global leader of research and marketing of Biomimetic Peptides and Growth Factors. Caregen is not only the world’s first company which has registered Growth Factors in PCPC (Personal Care Products Council, formerly CTFA), but also possesses various Biomimetic Peptide patents all around the world. Our advanced R&D in biotechnology industry has led us to patented active ingredients with an excellent reputation in the cosmetic industry for many years.

Dermaheal was launched in 2004, and it is a compound word using ‘Dermis’ and ‘Heal’ with the concept of taking care of our skin with innovative active ingredients. Dermaheal has been attracting customers all over 110 countries and keeping up with technological innovation to make our products more accessible and affordable to our customers all over the world.
## History

2012 03  Relocation of Head Office for expansion (Current address)
01  REVOFIL launched

2011 11  Acquired CE 1023 of REVOFIL
  Additional 2 Patents registered and 3 PCT(Patent Cooperation Treaty) opened
  Total 20 Growth Factors and 61 Biomimetic Peptides registered in PCPC(Personal Cosmetic Products Council, former CTFA)
  02  Acquired CE 1023 of Dermaheal SB/LL

2010 12  Total 11 Patents registered and 7 PCT opened Total 19
  Growth Factors and 58 Biomimetic Peptides registered in PCPC
  10  Biomimetic Peptides applied in PCPC
2010 04  7 Biomimetic Peptides registered in PCPC
2009 09  Completed clinical studies for Skin & Hair product in Germany and USA
  RENOKIN launched
  08  Acquired CE 1023 Dermaheal HSR/SR/HL
  07  Acquired ISO 13485
  02  8 Peptides registered in CTFA

2008 12  Awarded 100 Top Patent by Small & Medium Business Administration
  10  3 Peptides registered in CTFA
2007 11  9 Patents applied and registered
  04  3 Peptides registered in CTFA
2006 04  7 Peptides registered in CTFA
  04  4 Growth Factors registered in CTFA
  Dermaheal launched
2005 11  Acquired ISO 9001 & 2000
  10  3 Growth Factors and 6 Peptides registered in CTFA
  07  Developed Rejuline & Prohairin-ß4 Peptides
2004 08  Designated a Promising Export Firm by Small & Medium Business Administration
  07  11 Growth Factors registered in CTFA as cosmetic ingredients
2003 06  Acquired Certification of NT Venture Biotech Company
2002 03  Started research of Biomimetic Peptide
  01  Founded R&D Center and relocation of Head Office
2001 08  Established Caregen Co.,Ltd.

## Acknowledgement

CAREGEN TECHNOLOGY AND PRODUCTS ARE ACKNOWLEDGED BY AUTHORIZED ORGANIZATIONS IN RELEVANT AREA.
- 20 Growth Factors registered in PCPC
- 72 Biomimetic Peptides registered in PCPC
- Multiple Patents over 100 patented materials in Korea, USA, Japan, China and Europe etc.

### R&D Center: The Root of CAREGEN

Caregen, established in 2001, has committed to the R&D of growth factors and biomimetic peptides which have been produced by the transformed bacterial system and biomolecular remodeling, respectively.
Caregen R&D Center has been in alliance with world-class research groups and companies in Korea and overseas. We have established environments ranging from small-scale state-of-the-art laboratory to large commercial facilities.
Business Area

RAW MATERIALS FOR COSMECEUTICALS
Caregen has developed different types of growth factors such as CG-EGF, CG-IGF1, CG-aFGF, CG-VEGF, CG-TRX and CG-IL10 etc. Besides growth factors, biomimetic peptides are becoming the fastest growing and the most appreciated materials in cosmeceutical and pharmaceutical industries. Caregen biomimetic peptides, such as Rejuline, CG-Purilux, CG-Dermaheal, CG-Keramin2, Prohairin-ß4, CG-TGF2, CG-EDP3 and CG-IDP group have almost full activities compared to their intact growth factors.

OEM / ODM
Our expertise and experience in biotechnology give us capability of developing various cosmeceutical products with high quality. From raw materials to finished products, Caregen provides what customer needs and wants.

COSMECEUTICALS
‘Dermaheal’ is a brand to provide high quality cosmeceutical products which contain Caregen’s cutting edged growth factors and biomimetic peptides. Dermaheal products take care of Anti-aging, Anti-pigmentation, Anti-hair loss, Anti-inflammation and other skin troubles with homecare and professional lines.
Platform Technology

GROWTH FACTORS
Caregen has committed to the R&D of growth factors, which have been produced by the transformed bacterial system. Developing high quality growth factors and mass production skill are key factors of Caregen technology.

BIOMIMETIC PEPTIDES
Caregen has been developing plenty of biomimetic peptides and successfully commercialized in cosmeceuticals. Caregen is a leading company in the field of developing biomimetic peptides for cosmeceutical and pharmaceutical applications. Caregen is pursuing expansion of its application to pharmaceuticals, functional foods and therapeutics.

ENHANCING SKIN PENETRATION
Caregen has achieved double-layered capsulation technology as a transdermal delivery system. Every active ingredients are capsulated by double-layered capsulation technology for better skin penetration.

STEM CELL RESEARCH
Caregen has focused on the research of skin stem cell proliferation and differentiation for cosmeceutical application.
**Growth Factors** Technology 1

**WHAT IS GROWTH FACTOR**
Growth factors are proteins that bind to their own receptors on cell surface with the primary result of activating cell proliferation and/or differentiation. Not only as strong mitogens, growth factors are regulating the expressions of ECMs (Extra Cellular Matrix) like collagen, elastin and laminin etc.

**SUPERIORITY OF GROWTH FACTORS**
- Competitive price based on mass production technology
- High efficacy and stability by double-layered capsulation technology
- High purity by sophisticated production facility and technical superiority

**Biomimetic Peptides** Technology 2

**WHAT IS BIOMIMETIC PEPTIDE**
Caregen has developed biomimetic peptides since 2002 based on various and broad growth factor studies. Caregen’s commercialized peptides are synthetic agonists of naturally-occurring growth factors and completely mimic the action of the parental molecules. Those biomimetic peptides can provide clinical benefits similar to recombinant growth factors, reduced costs, and greater chemical stability.

**COMPARATIVE ADVANTAGES OF BIOMIMETIC PEPTIDES**
- Sustainable new biomimetic peptides development
- Competitive price based on mass production technology
- High efficacy and stability by double-layered capsulation technology
- High purity by sophisticated production skill based on technical superiority
## Raw Materials

Registered Ingredients on PCPC (Former CTFA)

### GROWTH FACTORS - SYNTHETIC PROTEIN

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>INCI Name</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>CG-EGF (EGF, Epidermal Growth Factor)</td>
<td>sh-Oligopeptide-1</td>
<td>Anti-aging</td>
</tr>
<tr>
<td>CG-IGF1 (IGF-1, Insulin-like Growth Factor-1)</td>
<td>sh-Oligopeptide-2</td>
<td>Anti-pigmentation</td>
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<tr>
<td>CG-IGF2 (IGF-2, Insulin-like Growth Factor-2)</td>
<td>sh-Polypeptide-31</td>
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<tr>
<td>CG-bFGF (bFGF, basic Fibroblast Growth Factor)</td>
<td>sh-Polypeptide-1</td>
<td></td>
</tr>
<tr>
<td>CG-TRX (TRX, Thioredoxin)</td>
<td>sh-Polypeptide-2</td>
<td>Hair care</td>
</tr>
<tr>
<td>CG-KGF (KGF, Keratinocyte Growth Factor)</td>
<td>sh-Polypeptide-3</td>
<td></td>
</tr>
<tr>
<td>CG-SCF (SCF, Stem Cell Factor)</td>
<td>rh-Polypeptide-4</td>
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<tr>
<td>CG-TGF-31 (TGF-31, Transforming Growth)</td>
<td>rh-polypeptide-22</td>
<td>Anti-inflammation</td>
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<tr>
<td>CG-TGF-B3 (TGF-B3, Transforming Growth Factor-B3)</td>
<td>sh-Polypeptide-5</td>
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<td>CG-IL10 (IL-10, Interleukin-10)</td>
<td>rh-Polypeptide-6</td>
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<td>Somatotropin (hGH, human Growth Hormone)</td>
<td>rh-Polypeptide-7</td>
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<tr>
<td>CG-PDGF (PDGF, Platelet Derived Growth Factor)</td>
<td>rh-Polypeptide-8</td>
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<td>CG-VEGF (VEGF, Vascular Endothelial Growth Factor)</td>
<td>sh-Polypeptide-9</td>
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<td>CG-FGF10 (KGF-2, Fibroblast Growth Factor-10)</td>
<td>sh-Polypeptide-10</td>
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<td>CG-aFGF (aFGF, acidic Fibroblast Growth Factor)</td>
<td>sh-Polypeptide-11</td>
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<td>CG-TGF-α (TGF-α, Transforming Growth Factor-α)</td>
<td>sh-Polypeptide-19</td>
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<td>CG-IL4 (IL-4, Interleukin-4)</td>
<td>sh-Polypeptide-12</td>
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<td>CG-Thymosin-84 (Thymosin-84)</td>
<td>sh-Oligopeptide-4</td>
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<td>CG-Noggin (Noggin)</td>
<td>rh-Polypeptide-13</td>
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<tr>
<td>CG-Human Nerve Growth Factor (NGF, Nerve Growth Factor)</td>
<td>rh-Polypeptide-14</td>
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20 SYNTHETIC PROTEINS REGISTERED
## Raw Materials

### BIOMIMETIC PEPTIDES

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>INCI Name</th>
<th>Application</th>
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<tbody>
<tr>
<td>CG-Collagrin</td>
<td>Oligopeptide-55</td>
<td>Anti-Aging</td>
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<tr>
<td>CG-Liftin</td>
<td>Oligopeptide-62</td>
<td>Hair Growth</td>
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<td>CG-Dermaheal</td>
<td>Oligopeptide-45</td>
<td>Anti-Pigmentation</td>
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<td>CG-TGP2</td>
<td>Oligopeptide-34</td>
<td>Anti-Atopic Dermatitis</td>
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<td>CG-Kerain2</td>
<td>Decapeptide-10</td>
<td>Anti-Inflammation</td>
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<td>CG-WINT</td>
<td>Oligopeptide-18</td>
<td>Sebum Control</td>
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<td>CG-Whyter</td>
<td>Decapeptide-16</td>
<td>Oral Care</td>
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<td>CG-Glamerin</td>
<td>Oligopeptide-50</td>
<td>Anti-Microbial</td>
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<td>CG-Purilux</td>
<td>Oligopeptide-51</td>
<td>Lipolysis</td>
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<td>CG-Nospotin</td>
<td>Oligopeptide-53</td>
<td>Bone Formation</td>
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<td>CG-Nokkin</td>
<td>Oligopeptide-54</td>
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<td>CG-Demelarin</td>
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<td>CG-Demelatide</td>
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<td>Prohairin-ß4</td>
<td>Octapeptide-2</td>
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<td>CG-Grotene</td>
<td>Oligopeptide-74</td>
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<td>CG-Edrin</td>
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<td>CG-Noflamin</td>
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<td>CG-Inflamin</td>
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<td>CG-Aflamin</td>
<td>Heptapeptide-10</td>
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<td>Trade Name</td>
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<td>Application</td>
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<td>CG-Atomos</td>
<td>Oligopeptide-59</td>
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<td>CG-Irramin</td>
<td>Oligopeptide-67</td>
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<td>CG-Elma</td>
<td>Decapeptide-19</td>
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<td>CG-Promkine</td>
<td>Decapeptide-20</td>
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<td>CG-Bucanol</td>
<td>Oligopeptide-83</td>
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<td>CG-Lipoxy</td>
<td>Tripeptide-41</td>
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<td>CG-Seperin</td>
<td>Octapeptide-11</td>
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<td>CG-Boostrin</td>
<td>Oligopeptide-72</td>
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<td>CG-Inflendin</td>
<td>Heptapeptide-16</td>
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<td>CG-Blockkin</td>
<td>Hexapeptide-46</td>
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<td>CG-Nosterin</td>
<td>Decapeptide-24</td>
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<td>CG-Flatin</td>
<td>Decapeptide-23</td>
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<td>CG-Satyen</td>
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<td>CG-Everin</td>
<td>Oligopeptide-89</td>
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<td>CG-Omnipolin</td>
<td>Oligopeptide-88</td>
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<td>CG-Actisef</td>
<td>Oligopeptide-87</td>
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<tr>
<td>CG-Somatotin</td>
<td>Oligopeptide-86</td>
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</tbody>
</table>

72 BIOMIMETIC PEPTIDES REGISTERED
Skin Delivery System

DOUBLE-LAYERED CAPSULATION TECHNOLOGY
Caregen’s double-layered capsulation technology improves penetration of active ingredients into skin. In addition, the molecules are protected from endogenous proteases with double-layered capsulation which gives higher efficacy.

ADVANTAGES OF DOUBLE-LAYERED CAPSULATION
- High stability by double-layered structure
- High homogeneity: average diameter of particle is 140 nm and over 80% particles are below 100 nm in size.
- Efficient delivery of therapeutic cosmetic components into dermal layer.

Penetration Test for Double-layered Capsulation
Active ingredients were effectively delivered into dermal layer with double-layered capsulation technology.

Topical Cream Treatment
FITC-labeled growth factors and biomimetic peptides were capsulated and penetrated to Dermis.
Stem cell is a type of blast cell, which can differentiate to various adult cells including skin cell and hair cell. Caregen has focused on skin stem cell differentiation to skin keratinocytes for Anti-aging.

RESEARCH FIELDS
Cosmeceuticals

STEM CELL CULTURE PROCESS

1. Human adipose tissue sample is digested with collagenase type I solution
   : Mature adipocytes and collagenase solution are removed.
2. Centrifugation: Discard supernatant.
3. Cell pellets are suspended of stromal medium (DMEM/F-12 + FBS).
4. Human adipose derived stem cell is cultured: 37°C, 5% CO2 humidified incubator.
5. Remove the cell and extract the culture medium.

STEM CELL DIFFERENTIATION

- Bone
- Adipose
- Neuron
- Cardiac muscle
- Skin
To provide total skin care solution to patients, Dermaheal suggests optimal product line for each step of procedures to professionals.

## Professional Therapy

<table>
<thead>
<tr>
<th>Professional Therapy</th>
<th>Face and Neck</th>
<th>Hair and Scalp</th>
<th>Body</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anti-Aging</strong></td>
<td>Anti-Hair Loss, Hair Regrowth</td>
<td>Anti-Cellulite Target Fat Reduction</td>
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</tr>
<tr>
<td><strong>Anti-Pigmentation</strong></td>
<td>Anti-Acne</td>
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</tr>
<tr>
<td><strong>Anti-Acne</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LASER/PEELING/ MESOTHERAPY
- Dermaheal Stem C’rum
- Dermaheal Stem C’rum SR
- Dermaheal SR
- Dermaheal HSR
- Dermaheal SB
- Dermaheal Stem C’rum HL
- Dermaheal HL
- Dermaheal LL

### MESO-BOOSTERS
- M. Booster Face
- M. Booster Hair
- M. Booster Body

### IONTOPHORESIS/ ELECTROPHORESIS/ PHONOPHORESIS/ ISOPHORESIS MACHINES
- Dermaheal FAA Gel
- Dermaheal SL Gel
- Dermaheal AA Gel
- Dermaheal DC Gel
- Dermaheal HL Gel
- Dermaheal AC Gel
- Dermaheal SM Gel

### ULTRA GALVA
- Ultra Galva FAA
- Ultra Galva SL
- Ultra Galva AA
- Ultra Galva HL
- Ultra Galva AC
Professional Therapy

Adipose-Derived Stem Cell Medium Extract with Bioengineered Growth Factors

Adipose-derived Stem Cell (ASCs) is a somatic stem cell contained in fat tissue. ASCs are multi-potent cells that abundantly exist in tissue, and therefore, they are ideal as a cell source in the field of regenerative medicine. The infiltrated ingredients promote the differentiation of adult stem cells into skin cells, which make Anti-aging, Anti-wrinkle and Skin brightening, and Anti-hair loss effects.

Dermaheal Stem C’rum is composed of Adipose-derived Stem Cell (ASCs) extract and growth factors in high concentration (60ppm each/vial). Dermaheal Stem C’rum helps the proliferation of skin cells which regenerates skin tissues and maintains skin elasticity. Caregen’s nano-encapsulation technology enables concentrated growth factors and stem cell extract of Stem C’rum to infiltrate into skin.

Dermaheal Stem C’rum SR (Skin Rejuvenating)

Reduces and prevents fine lines and wrinkles with newly generating skin cells. Strengthens skin elasticity by inducing the synthesis of collagen, elastin and other ECMs (Extra Cellular Matrix). Hydrates dry skin and helps to maintain the optimum moisture balance.

Dermaheal Stem C’rum HL (Anti-Hair Loss)

Moisturizes, nourishes and improves the hair and scalp condition. Promotes blood circulation in the scalp and revitalizes hair follicles. Induces hair growth by increasing the size of hair follicle and stops hair loss.
## Professional Therapy

<table>
<thead>
<tr>
<th>Product</th>
<th>Presentation</th>
<th>Active Ingredients</th>
<th>Concentration of Growth Factors</th>
<th>Application</th>
<th>Shelf Life</th>
<th>Period After Opening</th>
<th>Can Be Combined With</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dermaheal Stem C’rum</strong></td>
<td>Lyophilized Powder 100mg X 6 Vials Stem C’rum Solution 6ml x 6 vials</td>
<td>Human Adipocyte Conditioned Media Extract, Niacinamide, sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-5 (CG-TGF-ß3), sh-Polypeptide-11 (CG-aFGF)</td>
<td>60 ppm of each Growth Factor / vial</td>
<td>Every morning and night 1 vial for 1 week use</td>
<td>2 years from production</td>
<td>Stable for 30 days in refrigerator</td>
<td>Home Care Products</td>
</tr>
<tr>
<td><strong>Dermaheal Stem C’rum SR</strong></td>
<td>Lyophilized Powder 100mg X 5 Vials Stem C’rum SR Solution 5ml x 5 vials</td>
<td>Human Adipocyte Conditioned Media Extract, Niacinamide, sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-5 (CG-TGF-ß3), sh-Polypeptide-11 (CG-aFGF)</td>
<td>10 ppm of each Growth Factor / vial</td>
<td>1 session per week 1 vial for 1 session</td>
<td>2 years from production</td>
<td>Stable for 5 days in refrigerator</td>
<td>M. Booster Body</td>
</tr>
<tr>
<td><strong>Dermaheal Stem C’rum HL</strong></td>
<td>Lyophilized Powder 100mg X 5 Vials Stem C’rum HL Solution 5ml x 5 vials</td>
<td>Human Adipocyte Conditioned Media Extract, Niacinamide, sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-9 (CG-VEGF)</td>
<td>10 ppm of each Growth Factor / vial</td>
<td>1 or 2 sessions per week 1 vial for 1 session</td>
<td>2 years from production</td>
<td>Stable for 5 days in refrigerator</td>
<td>M. Booster Hair</td>
</tr>
</tbody>
</table>
Efficacy Data / Clinical Test Data

**DERMAHEAL STEM C’RUM**

**Cell Proliferation Test**

MSC proliferation was increased by treatment of Dermaheal Stem C’rum.

**Collagen Synthesis Test**

Collagen synthesis in dermis was increased by treatment of Stem C’rum and the damaged mice skin tissue was regenerated.

**Cell Differentiation Test**

Differentiation by treatment of Dermaheal Stem C’rum
Adult stem cells in human body were differentiated into various skin cells by the action of conditioned media extract and with the main ingredients of Dermaheal Stem C’rum.

CK19 : Keratinocyte cell marker

**Clinical Test Data : Skin textile and nasolabial fold**

Treatment of Dermaheal Stem C’rum for 8 weeks
Dermal fine lines and wrinkles were decreased and skin brightness was increased by treatment of Dermaheal Stem C’rum after professional therapy.

**DERMAHEAL STEM C’RUM SR**

**Fibroblast cell**

Fibroblast cell proliferation was increased by treatment of Dermaheal Stem C’rum SR

**Clinical Test Data : Infra-palpebral wrinkles and crow’s feet**

Treatment of Dermaheal Stem C’rum SR for 8 weeks.
Fine lines and wrinkles were decreased by treatment of Dermaheal Stem C’rum SR.

**DERMAHEAL STEM C’RUM HL**

**Cell Proliferation**

Primary hair cell proliferation was increased by treatment of Dermaheal Stem C’rum HL

**Clinical Test Data : Infra-palpebral wrinkles and crow’s feet**

Hair length and thickness were increased in the hair root organ when applied with Dermaheal Stem C’rum HL for 1 month.

**Clinical Test Data**

SEX  Male
AGE  Mid 50’s
PROTOCOL  1 session per week
PRODUCT  Dermaheal Stem C’rum HL, Home care product
PERIOD  10 months

SEX  Male
AGE  Mid 50’s
PROTOCOL  1 session per week
PRODUCT  Dermaheal Stem C’rum HL, Home care product
PERIOD  3 months
<table>
<thead>
<tr>
<th><strong>Product</strong></th>
<th><strong>Description</strong></th>
<th><strong>Presentation</strong></th>
<th><strong>Active Ingredients</strong></th>
<th><strong>Application</strong></th>
<th><strong>Shelf Life</strong></th>
<th><strong>Period After Opening</strong></th>
<th><strong>Can Be Combined With</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DERMAHEAL SR</strong></td>
<td>Skin Rejuvenating, Anti-Wrinkle, Anti-Aging</td>
<td>5ml x 10 Vials / Set</td>
<td>GF sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), Copper Tripeptide-1, 14 Vitamins, 24 Amino Acids, 4 Minerals, 4 Coenzymes, 4 Nucleic Acids, 2 Reducing Agents</td>
<td>1 session per week</td>
<td>2 years from production</td>
<td>Stable for 5 days in refrigerator</td>
<td>M. Booster Face</td>
</tr>
<tr>
<td><strong>DERMAHEAL HSR</strong></td>
<td>(Dermaheal SR + 1% Hyaluronic acid) Skin Rejuvenating, Anti-Wrinkle, Anti-Aging, Instant Hydration (Moisturization)</td>
<td>5ml x 10 Vials / Set</td>
<td>GF Hyaluronic Acid (1%), sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), Copper Tripeptide-1, 14 Vitamins, 24 Amino Acids, 4 Minerals, 4 Coenzymes, 4 Nucleic Acids, 2 Reducing Agents</td>
<td>1 session per week</td>
<td>2 years from production</td>
<td>Stable for 5 days in refrigerator</td>
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<tr>
<td><strong>DERMAHEAL SB</strong></td>
<td>Anti-Pigmentation, Skin Brightening</td>
<td>5ml x 10 Vials / Set</td>
<td>PT Pentapeptide-13 (CG-ASP), Oligopeptide-34 (CG-TGP2), 3-o-Ethyl Ascorbic Acid, Arbutin, Glycyrrhiza Glabra (Licorice) Root Extract</td>
<td>1 session per week</td>
<td>2 years from production</td>
<td>Stable for 5 days in refrigerator</td>
<td></td>
</tr>
</tbody>
</table>
Professional Therapy

**DERMAHEAL HL**
Anti-Hair Loss, Hair-Regrowth Actions

**DERMAHEAL LL**
Adipose Tissue Reduction, Anti-Cellulite

<table>
<thead>
<tr>
<th>PRESENTATION</th>
<th>5ml x 10 Vials / Set</th>
<th>5ml x 10 Vials / Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE INGREDIENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GF</strong></td>
<td>sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-9 (CG-VEGF), Copper Tripeptide-1, 14 Vitamins, 24 Amino Acids, 4 Minerals, 4 Nucleic Acids, 2 Reducing Agents</td>
<td></td>
</tr>
<tr>
<td><strong>PT</strong></td>
<td>Decapeptide-4 (CG-IDP2), Acetyl Decapeptide-3 (Rejuline), Oligopeptide-41 (CG-Keramin1), Copper Tripeptide-1, 13 Vitamins, 24 Amino Acids, 5 Minerals, 4 Coenzymes, 4 Nucleic Acids, 2 Reducing Agents</td>
<td></td>
</tr>
<tr>
<td>APPLICATION</td>
<td>1 session per week</td>
<td>1 session per week</td>
</tr>
<tr>
<td></td>
<td>1 vial for 1 session</td>
<td>1 vial for 1 session</td>
</tr>
<tr>
<td>SHELF LIFE</td>
<td>2 years from production</td>
<td>2 years from production</td>
</tr>
<tr>
<td>PERIOD AFTER OPENING</td>
<td>Stable for 5 days in refrigerator</td>
<td>Stable for 5 days in refrigerator</td>
</tr>
<tr>
<td>CAN BE COMBINED WITH</td>
<td>M. Booster Hair</td>
<td>M. Booster Body</td>
</tr>
</tbody>
</table>

GF Carnitine, sh-Oligopeptide-2 (CG-IGF1)
PT Carnitine, Decapeptide-4 (CG-IDP2)
### M. Booster Face

**Maximized efficacy of Skin Rejuvenation**

**M. Booster Face** is composed of 3 peptide complex which are innovative and cutting edged biomimetic peptides.

<table>
<thead>
<tr>
<th><strong>PRESENTATION</strong></th>
<th>100 mg powder x 6 vials (set)</th>
</tr>
</thead>
</table>
| **ACTIVE INGREDIENTS** | - Oligopeptide-51 (CG-Purilux)  
- Oligopeptide-73 (CG-EPG)  
- Oligopeptide-34 (CG-TGP2) |
| **APPLICATION** | 1 session per week, combine with Dermaheal SR/HSR/SB or Stem C’rum SR |
| **SHELF LIFE** | 2 years from production |
| **PERIOD AFTER OPENING** | Stable for 5 days in refrigerator |

**DERMAHEAL SR, HSR, SB**

**DERMAHEAL STEM C’RUM SR**

**M. Booster Face**

**DERMAHEAL SR, HSR, SB**

**DERMAHEAL STEM C’RUM SR**

**M. Booster Face**

**100 mg powder x 5 vials**

**5 ml solution x 5 vials**

**100 mg Powder x 1 vial**
Professional Therapy

**M. Booster Hair**
Maximized efficacy of Anti-hair loss and Hair regain

**PRESENTATION**
100 mg powder x 6 vials (set)

**ACTIVE INGREDIENTS**
- Oligopeptide-54 (CG-Nokkin)
- Decapeptide-10 (CG-Keramin2)
- Decapeptide-18 (CG-WINT)
- Oligopeptide-42 (CG-Fibramin)

**APPLICATION**
1 session per week, combine with Dermaheal HL or Stem C’rum HL

**SHELF LIFE**
2 years from production

**PERIOD AFTER OPENING**
Stable for 5 days in refrigerator

**M. Booster Body**
Maximized efficacy of Body Slimming

**PRESENTATION**
100 mg powder x 6 vials (set)

**ACTIVE INGREDIENTS**
- Tripeptide-41 (CG-Lipoxyn)
- Oligopeptide-61 (CG-Cellosin)
- Oligopeptide-51 (CG-Purilux)

**APPLICATION**
1 session per week, combined with Dermaheal LL

**SHELF LIFE**
2 years from production

**PERIOD AFTER OPENING**
Stable for 5 days in refrigerator
### Professional Therapy

<table>
<thead>
<tr>
<th>ULTRA GALVA FAA, SKIN REJUVENATION</th>
<th>ULTRA GALVA AA, ACNE CARE</th>
<th>ULTRA GALVA SL, PIGMENT, AGED SPOT CARE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRESENTATION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5ml x 10 Vials / Set</td>
<td>5ml x 10 Vials / Set</td>
<td>5ml x 10 Vials / Set</td>
</tr>
<tr>
<td><strong>ACTIVE INGREDIENTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>APPLICATION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Apply 1/2~1 vial (5ml) on the target area</td>
<td>- Apply 1/2~1 vial (5ml) on the target area</td>
<td>- Apply 1/2~1 vial (5ml) on the target area</td>
</tr>
<tr>
<td><strong>PERIOD AFTER OPENING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 month at room temperature (below 25°C)</td>
<td>1 month at room temperature (below 25°C)</td>
<td>1 month at room temperature (below 25°C)</td>
</tr>
</tbody>
</table>
Professional Therapy

**APPLICATION**
Combine with Iontophoresis / Electrophoresis / Phonophoresis / Isophoresis machines / Ultra sound / etc.

---

**PRESENTATION**
- ULTRA GALVA HL, HAIR REGAIN: 5ml x 10 Vials / Set
- ULTRA GALVA AC, BODY FAT AND CELLULITE CARE: 5ml x 10 Vials / Set

**ACTIVE INGREDIENTS**
- ULTRA GALVA HL, HAIR REGAIN:
  - Acetyl Decapeptide-3 (Rejuline), Decapeptide-10 (CG-Keramin2), Decapeptide-18 (CG-WNT), Oligopeptide-54 (CG-Nokkin), Panthenol, Polygala Tenuifolia Root Extract, Portulaca Oleracea Extract, Polygonum Multiflorum Root Extract, Thuja Orientalis Extract, Ginkgo Biloba Leaf Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Glycine Soja (Soybean) Oil, Arginine, Biotin, Chrysin

- ULTRA GALVA AC, BODY FAT AND CELLULITE CARE:
  - Decapeptide-4 (CG-IDP2), Oligopeptide-51 (CG-Purlu), Oligopeptide-61 (Cellosolin), Tripeptide-41 (CG-Lipoxyn), Carnitine (L-Carnitine), Hydrogenated Lecitine (Phosphatidylcholine), Panthenol, Caffeine, Centella Asiatica Extract, Pueraria Mirifica Root Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Glycine Soja (Soybean) Oil, Arginine

**APPLICATION**
- ULTRA GALVA HL, HAIR REGAIN: Apply 1/2~1 vial (5ml) on the target area
- ULTRA GALVA AC, BODY FAT AND CELLULITE CARE: Apply 1/2~1 vial (5ml) on the target area

**PERIOD AFTER OPENING**
- ULTRA GALVA HL, HAIR REGAIN: 1 month at room temperature (below 25°C)
- ULTRA GALVA AC, BODY FAT AND CELLULITE CARE: 1 month at room temperature (below 25°C)
Professional Therapy

Dermahel conductive gel has been premixed with high concentration of biomimetic peptides and other active ingredients.

**APPLICATION**
Combine with Iontophoresis / Electrophoresis / Phonophoresis / Isophoresis machines / Ultra sound / etc.

**FACE AND NECK CARE**

**Dermahel FAA Gel (Anti-aging) 30ml**
Reduces fine lines and wrinkles.

**ACTIVE INGREDIENTS**
Copper Tripeptide-1, Acetyl Decapeptide-3 (Rejuline), Decapeptide-4 (CG-IDP2), Oligopeptide-24 (CG-EDP3), Oligopeptide-24, Tripeptide-6 (CG-CTP), Oligopeptide-42 (CG-Fibramin), Adenosine, Centella Asiatica Extract, Trifolium Pratense (Clover) Flower Extract, Salicylic Acid, Niacinamide, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate

**Dermahel AA Gel (Anti-acne) 30ml**
Soothes acne skin quickly.
Anti-bacteria, anti-inflammation and scar repairing effect.

**ACTIVE INGREDIENTS**
Oligopeptide-24 (CG-EDP3), Acetyl Decapeptide-3 (Rejuline), Trifolium Pratense (Clover) Flower Extract, Plantago Asiatica Extract, Salicylic Acid, Niacinamide, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate, Egg Yolk Extract

**Dermahel SL Gel (Skin Lightening, Anti-pigmentation) 30ml**
Reduces pigmentation, aged spots and freckles.

**ACTIVE INGREDIENTS**
Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Tripeptide-6 (CG-ASP), 3-O-Ethyl Ascorbic Acid, Arbutin, Sodium Chondroitin Sulfate, Ginkgo Biloba Leaf Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate, Ubiquinone

**Dermahel FAA Gel (Anti-aging) 30ml**
Reduces fine lines and wrinkles.

**ACTIVE INGREDIENTS**
Copper Tripeptide-1, Acetyl Decapeptide-3 (Rejuline), Decapeptide-4 (CG-IDP2), Oligopeptide-24 (CG-EDP3), Oligopeptide-24, Tripeptide-6 (CG-CTP), Oligopeptide-42 (CG-Fibramin), Adenosine, Centella Asiatica Extract, Trifolium Pratense (Clover) Flower Extract, Salicylic Acid, Niacinamide, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate

**Dermahel DC Gel (De-dark Circle) 30ml**
Reduces dark circle.
Intensive eye contour treatment.

**ACTIVE INGREDIENTS**
Copper Tripeptide-1, Acetyl Hexapeptide-8, Palmitoyl Pentapeptide-3, Acetyl Decapeptide-3 (Rejuline), Palmitoyl Tripeptide-1, Oligopeptide-24 (CG-EDP3), Decapeptide-4 (CG-IDP2), Tripeptide-6 (CG-CTP), Oligopeptide-42 (CG-Fibramin), Arbutin, Adenosine, N- Hydroxysuccinimide, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate, Menadione, Chrysian
Professional Therapy

Dermaheal AC Gel (Anti-cellulite, Target Fat Reduction) 30ml
- Fat burning effect.
- Destroys cellulite and adipose tissue by decomposing fat cells.

Dermaheal SM Gel (Anti-stretch Mark) 30ml
- Reduces stretch mark by stimulating cell proliferation.
- ACTIVE INGREDIENTS: Oligopeptide-24 (CG-EDP3), Acetyl Decapeptide-3 (Rejuline), 3-o-Ethyl Ascorbic Acid, Caprylic/Capric Triglyceride, Cyclodextrin, Sodium Chondroitin Sulfate, Centella Asiatica Extract, Collagen, Rutin, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Biotin, Sodium Hyaluronate, Zinc Chloride, Carnosine

Dermaheal HL Gel (Anti-hair Loss) 30ml
- Improves hair and scalp condition.
- Induces hair regrowth.
WOUND HEALING MECHANISM


DERMAHEAL POST LASER CREAM 15G

Reduces and removes skin scars after laser treatment or skin peeling.
Provides high moisturizing effect.

DIRECTION FOR USE
Apply on target area and gently massage with fingertips for absorption.
Use twice daily.

ACTIVE INGREDIENTS
PT Copper Tripeptide-1, Oligopeptide-24 (CG-EDP3), Acetyl Decapeptide-3 (Rejuline)
GF sh-Oligopeptide-1 (CG-EGF), sh-Polypeptide-1 (CG-bFGF)
Others Morus Alba Bark Extract

HEALING EFFECT AFTER SURGERY
Dermahel Post Laser Cream complex was applied on the hypofix surgical tape for 2 weeks, once daily, treated a week after surgery.

DERMAHEAL POST LASER CREAM 15G

Reduces and removes skin scars after laser treatment or skin peeling.
Provides high moisturizing effect.

DIRECTION FOR USE
Apply on target area and gently massage with fingertips for absorption.
Use twice daily.

ACTIVE INGREDIENTS
PT Copper Tripeptide-1, Oligopeptide-24 (CG-EDP3), Acetyl Decapeptide-3 (Rejuline)
GF sh-Oligopeptide-1 (CG-EGF), sh-Polypeptide-1 (CG-bFGF)
Others Morus Alba Bark Extract

DERMAHEAL NANO-OBESSIA MASSAGE & SLIMMING CREAM 1000ML
Body Balance program. Recommended for application after Dermaheal LL

DIRECTION FOR USE
Apply suitable amount of cream on target area. Gently massage for 3 minutes until it is absorbed. Cleans with tissue or water. For higher efficacy combine with RF.

ACTIVE INGREDIENT
sh-Oligopeptide-2 (CG-IGF1), Olea Europaea (Olive) Husk Oil, Carnitine, Epigallocatechin Gallate

MECHANISM
Inhibition of Lipid Formation in the Adipocyte Cell
Lipolytic effect by converting Triacylglycerol to glycerol and fatty acid

- Helps losing fat
- Applicable to whole body
- Suitable for all kinds of body slimming formulation
Post Professional Treatment

SKIN CARE PROGRAM
- DAILY CARE FOR 3 DAYS AFTER PROFESSIONAL THERAPY

CLEANSING
- Dermaheal Foaming Cleanser

EXFOLIATING
- Dermaheal Exfoliating Scrub Cleanser
- Dermaheal Clean Pore Mask Pack
- Dermaheal Vitalizing Mask Pack

SOOTHING / VITALIZING
- Dermaheal Cosmeceutical Mask Pack
- Dermaheal Skin Delight Mask Pack
- Dermaheal Vitalizing Mask Pack

TIGHTENING / WHITENING

INTENSIVE CARE
- 2 Weeks Miracle Redesign (Anti-aging)
- 2 Weeks Miracle Rise N Shine (Anti-pigmentation)

SUN PROTECTION
- Dermaheal Sun Block Cream SPF 30 (For Dry Skin)
- Dermaheal Sun Screen SPF 50+ PA+++ (For Sensitive Skin)
## Post Professional Treatment

### HAIR CARE PROGRAM

**APPLICATION**
1. Hair loss, Alopecia
2. Dry, thin and vulnerable hair
3. Extremely dry and sensitive scalp
4. Damaged, old and weak hair

- **Dermaheal Hair Conditioning Shampoo 250ml**
- **Dermaheal Hair Nutrition Pack 150ml**
- **Dermaheal Hair Concentrating Serum 50ml**

### BODY CARE PROGRAM

- **Scars treatment**
- **Body slimming**

- **Post Laser Cream 15g**
- **Nano Obessia Cream 1000ml**

### SCARS TREATMENT

- **Post Laser Cream 15g**

### BODY SLIMMING

- **Nano Obessia Cream 1000ml**
Daily Skin Care Regimen

To enhance the effectiveness of professional care, Dermaheal suggests optimizing product line of daily skin and hair care for specific applications.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Anti-Aging</th>
<th>Anti-Pigmentation</th>
<th>Anti-Acne</th>
<th>Anti-Hair Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TONER / SOLUTION</strong></td>
<td>Dermaheal Total Care Skin Solution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MOISTURIZER / EMULSION</strong></td>
<td>Dermaheal Hydro Balance Fluid</td>
<td>Dermaheal Skin Delight Emulsion</td>
<td></td>
<td>Dermaheal Hair Concentrating Serum</td>
</tr>
<tr>
<td><strong>SERUM / CREAM / NUTRITION</strong></td>
<td>Dermaheal Vitalizing Serum, Dermaheal Vitalizing Cream, Dermaheal Cosmeceutical Anti-wrinkle Serum, Dermaheal Cosmeceutical Anti-wrinkle Cream, Dermaheal Wrinkle Skinceutical Serum</td>
<td>Dermaheal Lighten and Brighten Serum, Dermaheal Skin Delight Cream</td>
<td>Dermaheal DeAkni</td>
<td></td>
</tr>
<tr>
<td><strong>EYE CARE</strong></td>
<td>Dermaheal Vitalizing Eye Tension Gel, Dermaheal Cosmeceutical Eye Cream</td>
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<tr>
<td><strong>SPOT CORRECTOR</strong></td>
<td>Dermaheal Skin Delight Spot Corrector</td>
<td></td>
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<tr>
<td><strong>SOOTHING</strong></td>
<td>Dermaheal Vitalizing Mask Pack, Dermaheal Cosmeceutical Mask Pack</td>
<td>Dermaheal Skin Delight Mask Pack</td>
<td>Dermaheal Clean Pore Mask Pack</td>
<td></td>
</tr>
<tr>
<td><strong>INTENSIVE CARE</strong></td>
<td>2 Weeks Miracle Redesign</td>
<td>2 Weeks Miracle Rise N Shine</td>
<td></td>
<td>Dermaheal Hair Nutrition Pack</td>
</tr>
<tr>
<td><strong>CLEANSING</strong></td>
<td>Dermaheal Foaming Cleanser</td>
<td></td>
<td></td>
<td>Dermaheal Hair Conditioning Shampoo</td>
</tr>
<tr>
<td><strong>EXFOLIATING</strong></td>
<td>Dermaheal Exfoliating Scrub Cleanser</td>
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<tr>
<td><strong>UV PROTECTION</strong></td>
<td>Dermaheal Sun Block Cream SPF 30, Dermaheal Sun Screen SPF 50+ PA++++</td>
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</tr>
<tr>
<td><strong>EYELASH ENHANCER</strong></td>
<td>Dermaheal Eyelash Enhancer</td>
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</tr>
</tbody>
</table>
DERMAHEAL TOTAL CARE SKIN SOLUTION 275g

Provides anti-aging, anti-pigmentation and anti-oxidation effects.
Removes dirt, oil and provides the skin with a fresh and clean feeling by
moisturizing effect. Keeps pH balance and makes skin ready to absorb
the active ingredients fully.

Direction for Use
Apply the skin solution over your face and neck after cleansing. Tap until it is
absorbed. Use every morning and night.

ACTIVE INGREDIENTS
Oligopeptide-34 (CG-TGP2), Oligopeptide-24 (CG-EDP3), Tripeptide-6 (CG-CIP),
Copper Tripeptide-1, Adenosine, Retinyl Palmitate, Tocopheryl Acetate,
Arbutin, Camellia Sinensis Leaf Extract, Scutellaria Baicalensis Root Extract,
Vitis Vinifera (Grape) Seed Extract, Centella Asiatica Extract, Sodium Hyalurionate
Find skin glow with a fresh, flawless radiance. Now you can remove first signs of aging—uneven skin tone, dullness and fine dry lines. Comforts and cushions dry skin with soothing emollients and luscious texture. Guarantees genuine skin glow with a beautiful and healthy vitality.

**Direction for Use**
Apply a small amount of the fluid over the face and neck. Massage with fingers over your skin. Let it penetrate and proceed with the Anti-Wrinkle Cream or Skin Delight Cream. Use every morning and night.

**ACTIVE INGREDIENTS**
PT Oligopeptide-24 (CG-EDP3), Oligopeptide-20 (CG-IDP5), Palmitoyl Pentapeptide-3, Acetyl Decapeptide-3 (Rejuline), Copper Tripeptide-1, Panthenol, 3-o-Ethyl Ascorbic Acid, Glycyrrhiza Glabra (Licorice) Root Extract, Camellia Sinensis Leaf Extract, Betaine
Anti-Aging Care with Biomimetic Peptides
Dermaheal Vitalizing Serum 40g
Keeps your skin younger by supplying skin nutrients. Reduces and prevents wrinkles by skin cell proliferation.

**DIRECTION FOR USE**
Apply a small amount of the serum on face and neck. Gently tap with fingertips until it is absorbed. Follow with Dermaheal Vitalizing Cream. Use every morning and night.

**ACTIVE INGREDIENTS**
- Oligopeptide-24 (CG-EDP3), Oligopeptide-20 (CG-IDP5), Palmitoyl Pentapeptide-3, Acetyl Hexapeptide-8, Acetyl Decapeptide-3 (Rejuline), Copper Tripeptide-1, Dipotassium Glycyrrhizate, Honey Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Camellia Sinensis Leaf Extract

Dermaheal Vitalizing Cream 30g
Reduces fine lines and wrinkles by regenerating new skin cells and increases skin elasticity through upregulation of collagen, elastin, fibronectin and hyaluronic acid.

**DIRECTION FOR USE**
Apply a small amount on your face and neck. Gently massage until it is absorbed. Follow with Dermaheal Vitalizing Eye Tension Gel. Use every morning and night.

**ACTIVE INGREDIENTS**
- Oligopeptide-24 (CG-EDP3), Oligopeptide-20 (CG-IDP5), Palmitoyl Pentapeptide-3, Acetyl Hexapeptide-8, Acetyl Decapeptide-3 (Rejuline), Copper Tripeptide-1, Dipotassium Glycyrrhizate, Adenosine, Betaine, Glycyrrhiza Glabra (Licorice) Root Extract, Camellia Sinensis Leaf Extract, Mangoifera Indica (Mango) Seed Butter

Dermaheal Vitalizing Eye Tension Gel 15g
Slows down the visible aging signs around the eyes. Effectively reduces crow’s feet and fine lines around eye contour area.

**DIRECTION FOR USE**
Apply a small amount on your fingertip and gently pat around the delicate eye area until it is absorbed. Use every morning and night.

**ACTIVE INGREDIENTS**
- Oligopeptide-24 (CG-EDP3), Oligopeptide-20 (CG-IDP5), Palmitoyl Pentapeptide-3, Acetyl Hexapeptide-8, Acetyl Decapeptide-3 (Rejuline), Copper Tripeptide-1, Adenosine, Panthenol, Hydrolyzed Collagen, Beta-Glucan, Glycyrrhiza Glabra (Licorice) Root Extract, Camellia Sinensis Leaf Extract, Betaine

Dermaheal Vitalizing Mask Pack 22g
Inhibits aging of skin cells and rejuvenates skin. Keeps skin radiant and velvety-soft by supplying nourishment.

**DIRECTION FOR USE**
Apply the mask to your clean face. Leave the mask on your face about 15~20 minutes before it begins to dry.

**ACTIVE INGREDIENTS**
- Decapeptide-4 (CG-IDP2), Tripeptide-6 (CG-CFP), Oligopeptide-24 (CG-EDP3), Acetyl Decapeptide-3 (Rejuline), Copper Tripeptide-1, Sodium Hyaluronate, Panthenol, Arbutin, Beta-Glucan, Hyaluron Collagen, Hamamelis Virginiana (Witch Hazel) Water, Portulaca Oleracea Extract, Aloe Barbadensis Leaf Juice

*Anti-aging, Soothing, Post Professional therapy*
Anti-Aging Care with Growth Factors

DERMAHEAL COSMECEUTICAL ANTI-WRINKLE SERUM 40ml

DERMAHEAL COSMECEUTICAL ANTI-WRINKLE CREAM 40ml

DERMAHEAL COSMECEUTICAL ANTI-WRINKLE SERUM

DERMAHEAL COSMECEUTICAL EYE CREAM 15ml

DERMAHEAL WRINKLE SKINCEUTICAL SERUM 5ml x4EA/set

DERMAHEAL COSMECEUTICAL MASK PACK 22g

DERMAHEAL WRINKLE SKINCEUTICAL SERUM
Dermaheal Cosmeceutical Anti-wrinkle Serum 40ml
Maintains optimum moisture balance and keeps your skin radiant with supplying nourishment. Reduces and prevents wrinkles by generating new skin cells.

DIRECTION FOR USE
Apply a small amount of the serum on your face. Massage over face and neck with light circular motion until it is absorbed. Follow with Dermaheal Cosmeceutical Anti-wrinkle Cream. Use every morning and night.

ACTIVE INGREDIENTS
GF sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-11 (CG-aFGF), Acetyl Hexapeptide-8, Palmitoyl Pentapeptide-3, Copper Tripeptide-1, Arbutin, Tocopheryl Acetate, 3-o-Ethyl Ascorbic Acid, Carnosine

Dermaheal Cosmeceutical Anti-wrinkle Cream 40ml
Visibly revives and re-energizes your skin. Reduces and prevents wrinkles by generating new skin cells and increasing skin elasticity by upregulation of collagen, elastin, fibro-nectin and hyaluronic acid.

DIRECTION FOR USE
Apply a small amount on your face and neck. Gently massage with light circular motion from inside towards outside. Use every morning and night.

ACTIVE INGREDIENTS
GF Copper Tripeptide-1, Acetyl Hexapeptide-8, Palmitoyl Pentapeptide-3, sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-11 (CG-aFGF), Palmitoyl Pentapeptide-3, Copper Tripeptide-1, Adenosine, Chlorella Vulgaris Extrat, Portulaca Oleracea Extract, Tocopherol Acetate, Sodium Hyaluronate, Butyrospermum Parkii (Shea Butter) Fruit

Dermaheal Cosmeceutical Eye Cream 15ml
Slows down visible aging signs such as wrinkles and crow’s feet around eyes. Improves skin elasticity and gives you healthier and younger.

DIRECTION FOR USE
Apply a small amount around eye area and pat until it is absorbed. Use every morning and night.

ACTIVE INGREDIENTS
GF sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), sh-Polypeptide-11 (CG-aFGF), Aloe Barbadensis Leaf Juice, Portulaca Oleracea Extract, Tocopheryl Acetate, Sodium Hyaluronate, Betaine, Ginkgo Biloba Leaf Extract, Butyrospermum Parkii (Shea Butter) Fruit

Dermaheal Cosmeceutical Mask Pack 22g
Strong antioxidant that reduces free radicals and inhibits the aging of skin cells. Keeps skin radiant and velvety-soft by actively supplying nourishment. Increases collagen and elastin level and reduces blotchiness.

DIRECTION FOR USE
Apply the mask to your clean face. Leave the mask on your face about 15~20 minutes before it begins to dry.

ACTIVE INGREDIENTS
GF sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), Copper Tripeptide-1, Arbutin, Aloe Barbadensis Leaf Juice, Portulaca Oleracea Extract, Hamamelis Virginiana (Witch Hazel) Water, Hydroyalyzed Collagen, Beta-Glucan, Panthenol

Dermaheal Wrinkle Skinceutical Serum
Contains various growth factors and peptides, which improve the appearance of wrinkles by increasing the level of collagen, elastin and other ECMs (Extra Cellular Matrix).

DIRECTION FOR USE
Apply a small amount of the serum after pH balancing with skin solution. Massage from inside towards outside according to the skin texture. Use every morning and night.

ACTIVE INGREDIENTS
GF sh-Oligopeptide-1 (CG-EGF), sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-2 (CG-TRX), Copper Tripeptide-1, Arbutin, Aloe Barbadensis Leaf Juice, Butyrospermum Parkii (Shea Butter) Fruit, Epigallocatechin Gallate, Arbutin, Adenosine
Anti-Aging Care with Growth Factors and Peptides

GROWTH FACTORS STIMULATE FIBROBLAST PROLIFERATION

Cell morphology changed after 72hr incubation with CG-IDP5 in the condition of serum free medium.

GROWTH FACTORS INCREASE ECMS (EXTRA CELLULAR MATRIX)

CG-EGF, CG-IGF1 and CG-Thymosin-ß4 showed positive regulation in elastin and fibronectin expression in fibroblast cell.

CLINICAL STUDY FOR GROWTH FACTOR ANTI-AGING CREAM

Fine lines and wrinkles were decreased and elasticity was increased after using growth factor anti-aging cream for 8 weeks.

CG-EGF, CG-IGF1 and CG-Thymosin-ß4 showed positive regulation in elastin and fibronectin expression in fibroblast cell.
Anti-Aging Mechanism

EPIDERMAL GROWTH FACTOR (CG-EGF) PATHWAY

The pathway shows how Growth Factors stimulate cells and result in cell proliferation finally. It improves skin problems from cellular level by providing simultaneous action to revive and regenerate skin cells. Cell migration, inhibition of apoptosis, gene expression and cell proliferation by Growth Factors eventually increase ECMs (Extra Cellular Matrix) such as collagen, elastin, laminin, fibronectin and hyaluronic acid etc.

Step 1 Growth Factors binding to their interacting Growth Factor receptors
Step 2 Phosphorylation of MAPK
Step 3 Gene transcription
Step 4 Cell migration, Inhibition of apoptosis, Gene expression, Cell proliferation

Wrinkle depth was decreased by anti-aging cream treatment. Wrinkles were improved by anti-aging cream treatment.

Increased cell proliferation was observed in fibroblast cell by CG-EGF and CG-bFGF treatment. In addition, CG-EGF and CG-bFGF combination showed synergy effect compared with single ingredient treatment.

Sex Female
Age Mid 50’s
Protocol Daily topical use
Product Dermaheal Cosmeceutical Anti-wrinkle Cream
Period 8 weeks

Decrease Rate of Wrinkle Depth(%)
0 Week 8 Week

40
30
20
10
0
+20.0%

Before
After

AGED SKIN
CG-bFGF Treatment

Upon investigation of the skin tissue in histology relaxed and irregular layers were observed. Treatment of CG-bFGF induced and densed collagen layers.
Anti-Pigmentation Care with Biomimetic Peptides
Dermaheal Lighten and Brighten Serum 40ml
Contains active ingredients to brighten pigmented areas such as age spots. Improves skin elasticity by increasing collagen and elastin. Reduces the blotchness and makes your skin smoother and younger looking.

DIRECTION FOR USE
Apply a small amount on your face and neck. Massage over face and neck with light circular motion until it is absorbed. Use every morning and night.

ACTIVE INGREDIENTS
PT Tripeptide-6 (CG-CTP), Oligopeptide-24 (CG-EDP2), Copper Tripeptide-1, Tocopheryl Acetate, Arginine, Arbutin

Dermaheal Skin Delight Emulsion 40g
Gently soothes and moisturizes the skin leaving it soft, smooth and radiant. This ultra-lighted fluid emulsion features a unique technology to brighten your skin and soothe sensitive skin.

DIRECTION FOR USE
Apply a small amount on your face and neck. Massage over face and neck with light circular motion until it is absorbed. Follow with Dermaheal Skin Delight Cream. Use every morning and night.

ACTIVE INGREDIENTS
PT Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Copper Tripeptide-1, Arbutin, Ginkgo Biloba Leaf Extract, Oryza Sativa (Rice) Bran Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate, Mangifera Indica (Mango) Seed Butter, Tocopheryl Acetate, Dipotassium Glycyrrhizate

Dermaheal Skin Delight Cream 30g
Dermaheal Skin Delight Cream works on your skin all day to treat dry and dull skin with nourishing moisture and lasting infusion of brightening sources.

DIRECTION FOR USE
Apply a small amount on your face and neck. Gently massage with light circular motion from inside towards outside. Use every morning and night.

ACTIVE INGREDIENTS
PT Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Copper Tripeptide-1, Arbutin, Ginkgo Biloba Leaf Extract, Oryza Sativa (Rice) Bran Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Sodium Hyaluronate, Butyrospermum Parkii (Shea Butter), Macadamia Ternifolia Seed Oil, Tocopheryl Acetate, Dipotassium Glycyrrhizate

Dermaheal Skin Delight Spot Corrector 15g
Effectively prevents pigmentation and spots while it fades spots already visible. Skin becomes beautifully retextured with luminously even skin tone.

DIRECTION FOR USE
Apply a small amount onto your fingertip and gently pat on the pigmented area until it is absorbed. Use every morning and night.

ACTIVE INGREDIENTS
PT Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Copper Tripeptide-1, Arbutin, Ginkgo Biloba Leaf Extract, Oryza Sativa (Rice) Bran Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Butyrospermum Parkii (Shea Butter), Macadamia Ternifolia Seed Oil, Sodium Hyaluronate, Mangifera Indica (Mango) Seed Butter, Allantoin, Caffeine

Dermaheal Skin Delight Mask Pack 22g
Replenishes dry and dull skin with anti-pigmentation effect. Brightens and makes even skin tone, using active ingredients which block the pathway of melanin synthesis.

DIRECTION FOR USE
Apply mask sheet to your clean face. Leave it on your face about 15~20 minutes before it gets dry.

ACTIVE INGREDIENTS
PT Tripeptide-6 (CG-CTP), Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Copper Tripeptide-1, Arbutin, Camellia Sinensis Leaf Extract, Morus Alba Bark Extract, Hydrolyzed Collagen, Beta-Glucan, 3-o-Ethyl Ascorbic Acid, Panthenol, Sodium Hyaluronate
Appearance of melanin is due to an increased number of pigment cells (melanocytes) or increased production of melanin.

MELANOGENESIS VS ANTI-PIGMENTATION MECHANISM OF CG-TGP2

1. CG-ASP BLOCKS \( \alpha \text{-MSH} \) BINDING TO MC1R
   → Decrease melanin synthesis and tyrosinase activity in skin melanocyte

2. CG-TGP2 AND CG-PURILUX INDUCE MITF DEGRADATION
   → Decrease melanosome transferring to keratinocytes

Inhibition of Melanosome Transfer

Phenotypic appearance of melanosome transfer in co-cultured cell lines with melanocytes (B16F10) and keratinocyte (HacaT).

Representative morphologies of co-cultures were observed under microscopy (X 100) which was exposed for 4 days with 200 ng/ml \( \alpha \text{-MSH} \) and 30 \( \mu \text{g/ml} \) CG-TGP2.
Biomimetic Peptides for Anti-Pigmentation

After years of research in biomimetic peptides, we have discovered many peptide candidates for anti-pigmentation and anti-inflammation.

**CG-TGP2 Inhibits Melanin Synthesis**

CG-TGP2 significantly inhibits melanin synthesis on B16F10 melanocyte.

**Morphology Comparison**

Melanosome was decreased by CG-TGP2 treatment on B16F10 melanocyte.

**CG-TGP2 Inhibits Expression of Melanogenesis Markers**

- Phospho ERK1/2 were increased by treatment of CG-TGP2.
- TRP1, TRP2 and MITF were decreased by treatment of CG-TGP2.

**Clinical Test of Anti-pigmentation Cream (CG-TGP2 and CG-ASP)**

Aged pigments and spots were decreased after using anti-pigmentation cream for 8 weeks.

**Colorimetric Measurement**

L value was increased after using anti-pigmentation cream for 8 weeks.
Intensive Care Program

2 WEEKS MIRACLE IS A PROFESSIONAL HOME CARE PROGRAM
1. Biomimetic peptides are the key elements for stimulating cell proliferation.
2. 2WEEKS MIRACLE contains rich fermented organic ingredients and fresh natural plant extracts giving energy to skin cells.
3. 2 WEEKS MIRACLE contains "NO" parabens.
4. 2 WEEKS MIRACLE’s weekly delivery program brings optimum effect of fresh formulation.

4 FACTORS OF SKIN RESTORATION AND ANTI-PIGMENTATION

1. Biomimetic Peptide Complex
The exceptional ingredients, biomimetic peptides complex, provide simultaneous action to revive and protect skin. By stimulating cell proliferation, biomimetic peptides complex plays major role in boosting healthy skin.

2. Fermented Organic Ingredients
The complex of fermented organic ingredients including organic soybean and grain extract—Cox Lactyma-Jobi Ma-Yuen Seed Extract, Glycine Soja (Soybean) Seed Extract and Phaseolus Radiantus Seed Extract bring instant hydrating and anti-oxidation effect to skin cell.

3. Fresh Natural Plant Extracts
Natural plant extracts combined with Camellia Sinensis Leaf Extract, Centella Asiatica Extract, Glycyrrhiza Uralensis (Licorice) Root Extract, Portulaca Oleracea Extract and Ginkgo Biloba Leaf Extract form a true concentrate of vitality. Everyday, they provide the skin with the energy it needs to renew and rebuild itself.

4. Double-layered Capsulation Technology
The active ingredients of 2 WEEKS MIRACLE are double-layered capsulated to penetrate into the dermal layer.
Clinical Test of Redesign
Clinical Pictures of Wrinkles and Replica

Wrinkles were reduced by Redesign treatment after 14 days and 28 days. Especially skin cutaneous of crow’s feet wrinkles were decreased by Redesign treatment.
48 Dermaheal

**Intensive Care Program**

**2 WEEKS MIRACLE PROGRAM**

2 WEEKS MIRACLE RISE N SHINE visibly reduces the size and intensity of dark spots while moisturizing the skin. The reduction of dark spots and uneven skin tone and the brightening of complexion are the main functions of 2 WEEKS MIRACLE Rise N Shine.

**4 STEPS OF ANTI-PIGMENTATION**

1st Step
Rise N Shine Miracle Solution 15ml
Corrects complexion, moisturizes and balances pH level

**ACTIVE INGREDIENTS**
PT Oligopeptide-34 (CG-TGP2), Tripeptide-6 (CG-CTP), Copper Tripeptide-1, Phaseolus Radiatus Seed Extract, Glycine Soja (Soybean) Seed Extract, Coix Lacryma-Jobi Ma-Yuen Seed Extract, Centella Asiatica Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Uralensis (Licorice) Root Extract, Ginkgo Biloba Leaf Extract, Betaine, Methyl Gluceth-20

2nd Step
Rise N Shine Miracle Serum 10ml
Supplies sufficient nutrients and active ingredients to inhibit melanin synthesis

**ACTIVE INGREDIENTS**
PT Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Tripeptide-6 (CG-CTP), Copper Tripeptide-1, Panthenol, Phaseolus Radiatus Seed Extract, Glycine Soja (Soybean) Seed Extract, Coix Lacryma-Jobi Ma-Yuen Seed Extract, Centella Asiatica Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Uralensis (Licorice) Root Extract, Ginkgo Biloba Leaf Extract, Olea Europaea (Olive) Fruit Oil, Betaine

3rd Step
Rise N Shine Miracle Cream 10ml
Reduces dark spots and aging spots

**ACTIVE INGREDIENTS**
PT Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Tripeptide-6 (CG-CTP), Copper Tripeptide-1, Phaseolus Radiatus Seed Extract, Glycine Soja (Soybean) Seed Extract, Coix Lacryma-Jobi Ma-Yuen Seed Extract, Centella Asiatica Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Uralensis (Licorice) Root Extract, Ginkgo Biloba Leaf Extract, Arbutin, Olea Europaea (Olive) Fruit Oil, Helianthus Annuus (Sunflower) Seed Oil

4th Step
Rise N Shine Miracle Spot Corrector 5ml
Concentrated treatment in targeted spots

**ACTIVE INGREDIENTS**
PT Oligopeptide-34 (CG-TGP2), Pentapeptide-13 (CG-ASP), Tripeptide-6 (CG-CTP), Copper Tripeptide-1, Panthenol, Phaseolus Radiatus Seed Extract, Glycine Soja (Soybean) Seed Extract, Coix Lacryma-Jobi Ma-Yuen Seed Extract, Centella Asiatica Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Uralensis (Licorice) Root Extract, Ginkgo Biloba Leaf Extract, Betaine, Arbutin, Olea Europaea (Olive) Fruit Oil, Helianthus Annuus (Sunflower) Seed Oil

**CLINICAL TEST OF RISE N SHINE**

Clinical Pictures of Pigmented Spot

Pigmented spots were decreased by Rise N Shine treatment after 14 days and 28 days.
Anti-Acne and Oily Skin Care

DERMAHEAL CLEAN PORE MASK PACK 22g

DERMAHEAL DEAKNI 10g

Anti-Acne complex has useful effects to prevent bacterial disease. Skin texture is remodeled through epidermal cell proliferation, collagen and elastin synthesis.

DIRECTION FOR USE
Apply small amount on target area and gently pat until it is absorbed. Use every morning and night.

ACTIVE INGREDIENTS
PT: Acetyl Decapeptide-3 (Rejuline), Oligopeptide-24 (CG-EDP3), Lactoferrin, Sodium Hyaluronate, Aloe Barbadensis Leaf Extract, Citrus Aurantium Dulcis (Orange) Fruit Extract, Citrus Medica Limonum (Lemon) Fruit Extract, Pyrus Malnus (Apple) Fruit Extract, Hamamelis Virginiana (Witch Hazel) Water, Camellia Oleifera Seed Oil, Allantoin, Tocopheryl Acetate, Salicylic Acid, Caffeine

DERMAHEAL DEAKNI 10g

Anti-Bacteria  Anti-Inflammation  Repair/Remodeling

Contains anti-acne complex with anti-bacterial and anti-inflammatory effect. Soothes your skin trouble and balances skin tone.

DIRECTION FOR USE
Cover your face with the mask after cleansing. Leave the mask on your face about 15~20 minutes before it begins to dry.

ACTIVE INGREDIENTS
Anti-Acne Mechanism

Acne occurs when the oil-secreting glands in the skin are clogged and become inflamed or infected.

What cause acne
1. Dead skin cell accumulation
2. Overactive sebaceous gland
3. Bacteria
4. Inflammation

Excess sebum clogs openings to hair follicles—especially those on the face, neck, chest, and back. Bacteria grows in these clogged follicles. It makes blackheads or whiteheads form on the skin surface, a condition called non-inflammatory acne. Sometimes the follicle wall breaks under the pressure of this buildup. When it happens, sebum leaks into nearby tissues and forms a pustule - It is called inflammatory acne. This can create cysts. Ruptured cysts leave temporary or permanent scars.

HOW CAREGEN ANTI-ACNE PRODUCTS WORK

Dermaheal Exfoliating Scrub Cleanser
Exfoliates dead skin cells, opens the pores and removes excessive oil and blackheads.

Dermaheal DeAkni
Contains IgY, Lactoferrin → Anti-bacterial, Anti-inflammatory effect
Contains CG-EGF, CG-bFGF → Wound repair

Dermaheal Clean Pore Mask Pack
Soothing, Pore tightening, Anti-bacteria, Anti-inflammation, Moisturizing and Repairing

Case 1. 20yrs Male
Before 3 Weeks After
Acne skin was improved by anti-acne combination treatment.
Dermaheal Hair Conditioning Shampoo 250ml
Cleanses hair and scalp to absorb maximum active ingredients. For synergetic effects of anti-hair loss and hair regain, use Dermaheal Hair Nutrition Pack and Dermaheal Hair Concentrating Serum together.

DIRECTION FOR USE
Apply to wet hair, massage scalp gently. Rinse thoroughly.

ACTIVE INGREDIENTS
PT Octapeptide-2 (Proharin-ß4), Copper Tripeptide-1, Biotin, Thuja Orientalis Extract, Polygala Tenuifolia Root Extract, Polygonum Multiflorum Root Extract

Dermaheal Hair Concentrating Serum 50ml
High concentration of biomimetic peptides and other active ingredients for hair nutrition intensively care scalp and hair follicle to stop hair loss and to regain hair.

DIRECTION FOR USE
Drop the Hair Serum directly onto target area of scalp and massage scalp with fingertips for 2-3 minutes 1-2 hours before bedtime to provide sufficient time for scalp to absorb the product. Allow product to remain on scalp for at least four hours before washing hair. Hair Serum should be used on a daily basis.

ACTIVE INGREDIENTS
GF sh-Oligopeptide-2 (CG-IGF1), sh-Polypeptide-1 (CG-bFGF), sh-Polypeptide-9 (CG-VEGF), sh-Polypeptide-11 (CG-aFGF), Copper Tripeptide-1, Octapeptide-2 (Proharin-ß4), Sodium Hyaluronate, Biotin, Arginine, 3-O-Rthyl Ascorbic Acid, Polygala Tenuifolia Root Extract, Portulaca Oleracea Extract, Polygonum Multiflorum Root Root Extract, Thuja Orientalis Extract, Ginkgo Biloba Leaf Extract, Multi-vitamins, Amino Acids
PT Copper Tripeptide-1, Octapeptide-2, Decapeptide-4, Acetyl Decapeptide-3, Oligopeptide-20, Tenuifolia Root Extract, Portulaca Oleracea Extract, Polygonum Multiflorum Root Root Extract, Thuja Orientalis Extract, Arginine, Triethanolamine, Hydroxyethylcellulose, Ginkgo Biloba Leaf Extract, Sodium Hyaluronate, Hydrogenated Lecithin, Biotin,

Dermaheal Hair Nutrition Pack 150ml
Provides intensive nutrition to hair and scalp with conditioning effect to stop hair loss and to regain hair.

DIRECTION FOR USE
After shampooing, apply Hair Nutrition Pack on scalp and hair and massage with light circular motion. Leave it about 3 minutes for maximum effect and rinse it all off with lukewarm water.

ACTIVE INGREDIENTS
PT Decapeptide-4 (CG-IDP2), Acetyl Decapeptide-3 (Rejuline), Oligopeptide-20 (CG-IDP5), Oligopeptide-41 (CG-Keramin1), Octapeptide-2 (Proharin-ß4), Copper Tripeptide-1, Limnanthes Alba (Meadowform) Seed Oil, Saccharide Isomerate, Hydrolyzed Keratin, Alanine/Proline/Serine/Threonine/Arginine/Lysine/Aspartic Acid Complex, Aspartic Acid, Citrus Paradisi (Grapefruit) Fruit Extract, Citrus Junos Fruit Extract, Eucalyptus Globulus Leaf Extract, Eugenia Caryophyllus (Clove) Flower
Anti-Hair Loss / Hair REGROWTH Mechanism

STOP HAIR LOSS AND HAIR REGAIN MECHANISM

1st Step
CG-IGF1, Copper peptide → Delay a process from Anagen to Catagen → Anti-Hair Loss

2nd Step
CG-IGF1, CG-bFGF, CG-VEGF, CG-TGF-α, CG-KGF, CG-HGF, Promote a process from Telogen to Anagen, New hair forming

CG-IGF1, CG-KGF, CG-bFGF, CG-HGF, CG-VEGF, CG-Noggin, CG-TGF-α, CG-KGF, CG-HGF, Promote a process from Telogen to Anagen, New hair forming

Dermaheal HL, Dermaheal HL Gel, Dermaheal Stem C’rum HL
Dermaheal Hair Conditioning Shampoo, Dermaheal Hair Nutrition Pack, Dermaheal Hair Concentrating Serum.
Anti-Hair Loss / Hair REGROWTH Clinical Test Data

**BEFORE**

- **SEX**: Male
- **Age**: Mid 40’s
- **Procedure**: Mesotherapy, Mesoroller
- **Protocol**: 1 session per week
- **Product**: Mesotherapy, Home care product
- **Period**: 2 months

**AFTER 2 MONTHS**

**BEFORE**

- **SEX**: Female
- **Age**: Mid 40’s
- **Procedure**: Mesotherapy, Mesoroller
- **Protocol**: 1 session per week
- **Product**: Mesotherapy, Home care product
- **Period**: 3 months

**AFTER 3 MONTHS**

**BEFORE**

- **SEX**: Male
- **Age**: Mid 40’s
- **Procedure**: Mesotherapy, Home care product
- **Period**: 3 months

**AFTER 3 MONTHS**
Eyelash Enhancer

Dermaheal Eyelash Enhancer 5ml
Dermaheal Eyelash Enhancer is a unique eyelash conditioner to enhance the natural beauty of your eyes. Biomimetic peptides combination promotes fuller, longer and more durable eyelashes within 3~8 weeks.

DIRECTION FOR USE
1. Wash your hands before applying.
2. Make sure your eye area is clean and dry.
3. Gently apply the Eyelash Enhancer to upper and under eyelashes.
4. Leave the Eyelash Enhancer on overnight while you sleep

ACTIVE INGREDIENTS
PT Decapeptide-3 (Rejuline), Oligopeptide-42 (CG-Fibramin), Decapeptide-10 (CG-Keramin2), Hyaluronic Acid, Biotin, Multi-vitamins, Amino Acids

Clinical Data for Eyelash Enhancer

Sex Female
Age 20 yrs
Period 8 weeks

Sex Female
Age 30 yrs
Period 8 weeks
Eyelash Enhancer Test Data

**CELL PROLIFERATION WITH KERATINOCYTE AND FIBROBLAST CELL LINES**

- **Keratinocyte cell line**
  - Concentration of Rejuline (ng/ml): 1, 5, 10, 100, 1000
  - Relative rate (%): 0, 10, 20, 30, 40

- **Fibroblast cell line**
  - Concentration of Rejuline (ng/ml): 1, 5, 10, 100, 1000
  - Relative rate (%): 0, 20, 40, 60, 80

Cell growth assay with HacaT keratinocyte cell line after Rejuline treatment for 72hr
The enhancement of NIH3T3 fibroblast cell and HacaT keratinocyte cell proliferation was quantified by SRB assay at OD590nm. The Rejuline increased NIH3T3 fibroblast cell and HacaT keratinocyte cell proliferation in dose-dependent manner.

**CG-KERAMIN2 PREVENTS AND INHIBITS HAIR CELL APOPTOSIS WHICH IS CAUSED BY ENVIRONMENTAL FACTORS SUCH AS STRESS AND UV.**
**CG-KERAMIN2 STIMULATES ANGIOGENESIS AND HAIR CELL PROLIFERATION RESULTING IN ANTI-HAIR LOSS AND HAIR RE-GROWTH.**

**MORPHOLOGICAL CHANGE OF KERATINOCYTE AND FIBROBLAST CELLS**

Cell morphology change after 72hr incubation with Rejuline (5ng/ml) in the condition of serum free media culture.

**Enhancing Cell Migration of Keratinocyte**

- Control
- CG-Keramin2 10ng/ml
- CG-Keramin2 1ug/ml
SUN Protection

Dermaheal Sun Block Cream SPF 30 70ml
Prevents premature aging signs caused by UVA/UVB exposure. Provides excellent hydrating benefits to fight dryness and maintain optimal moisture and softness without stickiness.

Direction for Use
Apply small amount on face and neck with light circular motion. Apply 20–30 minutes before sun exposure.

Active Ingredients
GF sh-Oligopeptide-1 (CG-EGF), sh-Polypeptide-2 (CG-TRX), Copper Tripeptide-1, Titanium Dioxide, Macadamia Ternifolia Seed Oil Zinc Oxide, Macadamia Ternifolia Seed Oil, Ethylhexyl Methoxy cinnamate
PT Oligopeptide-24 (CG-EDP3), Tripeptide-6 (CG-CTP), Oligopeptide-34 (CG-TGP2), Penta peptide-13 (CG-ASP), Copper Tripeptide-1, Sophora Angustifolia Root Extract, Morus Alba Bark Extract, Portulaca Oleracea Extract, Citrus Paradisi (Grapefruit) Fruit Extract, Citrus Junos Fruit Extract, Eucalyptus Globulus Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Ethylhexyl Methoxy cinnamate, Titanium Dioxide, Zinc Oxide, Isoamyl T-Methoxy cinnamate

Dermaheal Sun Screen SPF 50+ PA+++ 50g
Under extreme conditions, Dermaheal Sun Screen protects your skin against UVA/UVB and prevents melanin synthesis and fine lines with CG-TGP2. Smooths on with no trace of stickiness. Even your skin tone and texture.

Direction for Use
Apply small amount on face and neck with light circular motion. Apply 20–30 minutes before sun exposure.

Active Ingredients
PT Oligopeptide-24 (CG-EDP3), Tripeptide-8 (CG-CIP), Oligopeptide-34 (CG-TGP2), Penta peptide-13 (CG-ASP), Copper Tripeptide-1, Sophora Angustifolia Root Extract, Morus Alba Bark Extract, Portulaca Oleracea Extract, Citrus Paradisi (Grapefruit) Fruit Extract, Citrus Junos Fruit Extract, Eucalyptus Globulus Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Ethylhexyl Methoxy cinnamate, Titanium Dioxide, Zinc Oxide, Isoamyl T-Methoxy cinnamate
Cleansing & Exfoliating

Dermaheal Exfoliating Scrub Cleanser 100ml
Keeps your skin clear and soft with a facial scrub that gently exfoliates dead skin cells, removes excessive oil and blackheads and minimizes pores.

**DIRECTION FOR USE**
First, cleanse with Foaming Cleanser. Next, apply Exfoliating Scrub Cleanser on damp skin with circular motion to avoid eye area with fingertips. Wash off with lukewarm water. Use 2~3 times per week.

**ACTIVE INGREDIENTS**
PT Tripeptide-6 (CG-CTP), Oligopeptide-24 (CG-EDP3), Oligopeptide-34 (CG-TGP2), Protease, Carica Papaya (Papaya) Fruit Extract, Camellia Sinensis Leaf Extract, Citrus Paradisi (Grapefruit) Extract, Citrus Junos Fruit Extract, Eucalyptus Globulus Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Sophora Angustifolia Root Extract, Glycine Soja (Soybean) Seed Extract, Polyethylene

Dermaheal Foaming Cleanser 150ml
Rich and creamy cleanser that gently lifts dirt, make-up and impurities to leave the skin feeling soft, supple and smooth. Promotes a make-up look to be vibrant and natural. Minimizes the visibility of pores and softens imperfections for a flawless appearance.

**DIRECTION FOR USE**
Rinse your face with lukewarm water. Squeeze a small amount of cleanser on your palm and work into a rich lather. Massage on face with gentle circular motions. Rinse thoroughly. Use every morning and night.

**ACTIVE INGREDIENTS**
GF Copper Tripeptide-1, sh-Polypeptide-2 (CG-TRX), Protease
PT Tripeptide-6 (CG-CTP), Copper Tripeptide-1, Portulaca Oleracea Extract
Caregen offers a wide variety of skincare and professional therapy products that are available exclusively with the unique and high quality growth factors and biomimetic peptides.

**OEM / ODM Procedure**

**CUSTOMIZED PRODUCT**

1. **DEVELOPMENT REQUEST** +3 days
2. **CONTRACT** +3 days
3. **SAMPLE DEVELOPMENT** +14 days
4. **SAMPLE TEST, EVALUATION** +14 days
5. **QUOTATION** +1 day

**SHIPMENT 76 DAYS**

1. **SAMPLE FILLING, PACKAGING** +1 day
2. **QUALITY CONTROL** +3 days
3. **FORMULATION MANUFACTURING** +14 days
4. **ART DESIGN, MANUFACTURING OF SUBSIDIARY MATERIALS** +20 days

**ORDER** +3 days

**ORIGINAL PRODUCT FOR PRIVATE BRAND**

1. **QUOTATION, CONTRACT** +4 days
2. **ART DESIGN, MANUFACTURING OF SUBSIDIARY MATERIALS** +20 days
3. **FORMULATION MANUFACTURING** +14 days
4. **QUOTATION, CONTRACT** +3 days
5. **ART DESIGN, MANUFACTURING OF SUBSIDIARY MATERIALS** +1 day
6. **SHIPMENT 42 DAYS** +1 day
### OEM / ODM - Additional Formula List

<table>
<thead>
<tr>
<th>Classification</th>
<th>Formulation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTI-AGING</td>
<td>*Every existing Dermaheal products are available for OEM/ODM.</td>
<td>Antioxidant, Anti-aging, Moisturizing, Hand &amp; Body Care</td>
</tr>
<tr>
<td>ANTI-PIGMENTATION</td>
<td>*Every existing Dermaheal products are available for OEM/ODM.</td>
<td>Antioxidant, Anti-aging, Moisturizing, Hand &amp; Body Care</td>
</tr>
<tr>
<td>ANTI-ACNE</td>
<td>Gel Cleanser</td>
<td>Cleansing, Antibacterial, Anti-inflammatory, Scar repair, Nutrition</td>
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<tr>
<td></td>
<td>Hydrating Day Cream, SPF 15</td>
<td>Moisturizing, Antibacterial, Anti-inflammatory, Scar repair, Nutrition</td>
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<tr>
<td></td>
<td>Hydrating Night Cream</td>
<td>Moisturizing, Antibacterial, Anti-inflammatory, Scar repair, Nutrition</td>
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<tr>
<td></td>
<td>Anti-inflammatory Serum</td>
<td>Acne healing serum with high anti-inflammatory effect</td>
</tr>
<tr>
<td>WOUND HEALING</td>
<td>Scar Repair</td>
<td>Wound healing formula, FDA Approval pending for medical device</td>
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<tr>
<td>HYDRATING</td>
<td>Serum</td>
<td>Hydrating, Moisturizing, Anti-aging</td>
</tr>
<tr>
<td></td>
<td>Day Cream, SPF 15</td>
<td>Hydrating, Moisturizing, Anti-aging</td>
</tr>
<tr>
<td></td>
<td>Night Cream</td>
<td>Hydrating, Moisturizing, Anti-aging</td>
</tr>
<tr>
<td>ANTI-HAIR LOSS</td>
<td>Anti-hair Loss Shampoo (For damaged/dyed hair)</td>
<td>Hair Shampoo with hair regain effect for damaged, perm, dyed hair</td>
</tr>
<tr>
<td>COLOR COSMETICS</td>
<td>Foundation for Anti-aging (Ivory/Natural/Fair)</td>
<td>Skin cover, Blemish balm, Anti-aging</td>
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<tr>
<td></td>
<td>Foundation for Oily/ Anti-blemish (Ivory/Natural/Fair)</td>
<td>Skin cover, Blemish balm, Anti-aging</td>
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<tr>
<td></td>
<td>Compact Powder (Ivory/Natural/Beige/Fair)</td>
<td>Skin cover, Blemish balm, Anti-aging</td>
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<tr>
<td>LIP CARE</td>
<td>Lip Balm</td>
<td>Lip moisturizing Balm, Anti-aging</td>
</tr>
<tr>
<td></td>
<td>Lip Serum</td>
<td>Lip moisturizing, Anti-aging, Food additives</td>
</tr>
<tr>
<td>CLEANSER</td>
<td>Oil Cleanser</td>
<td>Deep cleansing</td>
</tr>
<tr>
<td></td>
<td>Gel Cleanser (Balm)</td>
<td>Deep cleansing</td>
</tr>
<tr>
<td>BODY CARE</td>
<td>Body Essence (Balm)</td>
<td>Anti-aging, Moisturizing, Hand &amp; Body Care, Anti-aging, Reducing Fine lines</td>
</tr>
<tr>
<td></td>
<td>Neck Firming Gel</td>
<td>Anti-aging, Reducing Fine lines</td>
</tr>
<tr>
<td></td>
<td>Breast Firming Gel</td>
<td>Size up and Lifting</td>
</tr>
<tr>
<td></td>
<td>Body Slimming Cream</td>
<td>Fat burning, Anti-cellulite, Body moisturizing</td>
</tr>
<tr>
<td>Description</td>
<td>Product Name</td>
<td>Volume</td>
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<tr>
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<tr>
<td>PROFESSIONAL THERAPY</td>
<td>Stem C’rum (Anti-aging, Anti-pigmentation)</td>
<td>6ml x 6pairs/set</td>
</tr>
<tr>
<td></td>
<td>Stem C’rum SR (Anti-wrinkle, Skin Rejuvenation)</td>
<td>5ml x 5pairs/set</td>
</tr>
<tr>
<td></td>
<td>Stem C’rum HL (Anti-hair Loss, Hair Regain)</td>
<td>5ml x 5pairs/set</td>
</tr>
<tr>
<td></td>
<td>SR (Skin Rejuvenating)</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td></td>
<td>SB (Skin Brightening)</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td></td>
<td>HSR (1% Hyaluronic Skin Rejuvenating)</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td></td>
<td>HL (Anti-hair Loss, Hair Regain)</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td></td>
<td>LL (Anti-cellulite, Lipolysis)</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td>M. BOOSTER PRODUCTS</td>
<td>M.Booster Face</td>
<td>100mg x 1vial</td>
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<tr>
<td></td>
<td>M.Booster Hair</td>
<td>100mg x 1vial</td>
</tr>
<tr>
<td></td>
<td>M.Booster Body</td>
<td>100mg x 1vial</td>
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<tr>
<td>NO-NEEDLE MESOTHERAPY</td>
<td>Ultra Galva FAA</td>
<td>5ml x 10vials/set</td>
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<tr>
<td></td>
<td>Ultra Galva AA</td>
<td>5ml x 10vials/set</td>
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<tr>
<td></td>
<td>Ultra Galva SL</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td></td>
<td>Ultra Galva HL</td>
<td>5ml x 10vials/set</td>
</tr>
<tr>
<td></td>
<td>Ultra Galva AC</td>
<td>5ml x 10vials/set</td>
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<tr>
<td></td>
<td>FAA Gel (Facial Anti-aging)</td>
<td>30 ml</td>
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<tr>
<td></td>
<td>SL Gel (Skin Lightening)</td>
<td>30 ml</td>
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<tr>
<td></td>
<td>AA Gel (Anti-acne)</td>
<td>30 ml</td>
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<tr>
<td></td>
<td>DC Gel (De-dark Circle)</td>
<td>30 ml</td>
</tr>
<tr>
<td></td>
<td>HL Gel (Anti-hair Loss, Hair Regain)</td>
<td>30 ml</td>
</tr>
<tr>
<td></td>
<td>AC Gel (Anti-cellulite, Lipolysis)</td>
<td>30 ml</td>
</tr>
<tr>
<td></td>
<td>SM Gel (Anti-stretch Mark)</td>
<td>30 ml</td>
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<tr>
<td>REPAIR</td>
<td>Post Laser Cream</td>
<td>15 g</td>
</tr>
<tr>
<td>SLIMMING</td>
<td>Dermaheal Nano Obessia Cream</td>
<td>1000 ml</td>
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</table>
## Index

### HOME CARE

<table>
<thead>
<tr>
<th>Description</th>
<th>Product Name</th>
<th>Volume</th>
<th>Page</th>
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<tbody>
<tr>
<td><strong>MULTIFUNCTION TONER</strong></td>
<td>Total Care Skin Solution 275ml</td>
<td>p. 34</td>
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<tr>
<td></td>
<td>Hydro Balance Fluid 50 g</td>
<td>p. 35</td>
<td></td>
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<tr>
<td><strong>ANTI-AGING HOME CARE</strong></td>
<td>Vitalizing Serum 40 g</td>
<td>p. 36</td>
<td></td>
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<tr>
<td></td>
<td>Vitalizing Cream 30 g</td>
<td>p. 36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vitalizing Eye Tension Gel 15 g</td>
<td>p. 36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vitalizing Mask Pack 22 g</td>
<td>p. 36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cosmeceutical Anti-wrinkle Serum 40 ml</td>
<td>p. 38</td>
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<tr>
<td></td>
<td>Cosmeceutical Anti-wrinkle Cream 40 ml</td>
<td>p. 38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cosmeceutical Eye Cream 15 ml</td>
<td>p. 38</td>
<td></td>
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<tr>
<td></td>
<td>Wrinkle Skinceutical Serum 5mix4ea/set</td>
<td>p. 38</td>
<td></td>
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<tr>
<td></td>
<td>Cosmeceutical Mask Pack 22 g</td>
<td>p. 38</td>
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<tr>
<td><strong>ANTI-PIGMENTATION HOME CARE</strong></td>
<td>Lighten and Brighten Serum 40 ml</td>
<td>p. 42</td>
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<tr>
<td></td>
<td>Skin Delight Emulsion 40 ml</td>
<td>p. 42</td>
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<tr>
<td></td>
<td>Skin Delight Cream 30 ml</td>
<td>p. 42</td>
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<tr>
<td></td>
<td>Skin Delight Spot Corrector 15 ml</td>
<td>p. 42</td>
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<tr>
<td></td>
<td>Skin Delight Mask Pack 22 g</td>
<td>p. 42</td>
<td></td>
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<tr>
<td><strong>PROFESSIONAL HOME CARE PROGRAM</strong></td>
<td>2 Weeks Miracle Redesign (Anti-aging) 4 bottles/set</td>
<td>p. 46</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 Weeks Miracle Rise n Shine (Anti-pigmentstion) 4 bottles/set</td>
<td>p. 46</td>
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<tr>
<td><strong>ANTI-ACNE AND OILY SKIN CARE</strong></td>
<td>DeAkni 10 g</td>
<td>p. 49</td>
<td></td>
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<tr>
<td></td>
<td>Clean Pore Mask Pack 22 g</td>
<td>p. 49</td>
<td></td>
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<tr>
<td><strong>ANTI-HAIR LOSS, HAIR REGAIN</strong></td>
<td>Hair Conditioning Shampoo 250 ml</td>
<td>p. 51</td>
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<td></td>
<td>Hair Nutrition Pack 150 ml</td>
<td>p. 51</td>
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<tr>
<td></td>
<td>Hair Concentrating Serum 50 ml</td>
<td>p. 51</td>
<td></td>
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<tr>
<td></td>
<td>Eyelash Enhancer 5ml</td>
<td>p. 54</td>
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<tr>
<td><strong>SUN PROTECTION</strong></td>
<td>Sun Block Cream SPF 30 70 ml</td>
<td>p. 56</td>
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<tr>
<td></td>
<td>Sun Screen SPF 50 PA+++ 50 ml</td>
<td>p. 56</td>
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<tr>
<td><strong>CLEANSING &amp; PEELING</strong></td>
<td>Foaming Cleanser 150 ml</td>
<td>p. 57</td>
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<tr>
<td></td>
<td>Exfoliating Cleanser 100 ml</td>
<td>p. 57</td>
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</tbody>
</table>
Caregen Catalog List

Dermheal Home Care
Galvanic Treatment
Booster Products
Dermheal Meso (CE)
Hair Revitalizing System
RENOKIN lash lash
Raw Material