

# acne-peel system

acne solution  
by mesoestetic®



**mesoestetic®**

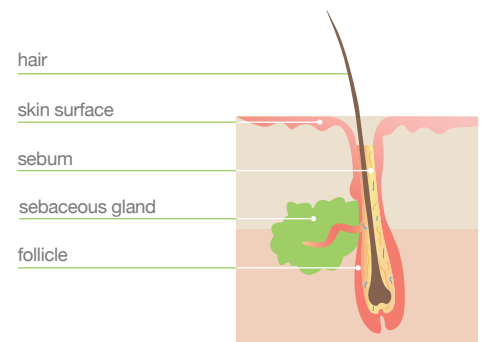
Ever since it was created in 1984, **mesoestetic Pharma Group** has been committed to applying innovative technology and ongoing efforts in R&D to provide effective solutions to patients' needs, with a particular focus on projects for the prevention and treatment of dermatological diseases. Fruit of this firm commitment and determination to promote health, and in close collaboration with a leading group of dermatologists, **mesoestetic Pharma Group** has created the **mesoderma** product range. Working together to select active substances, design and validate the application protocols and perform experimental studies with these formulations in order to create **highly efficient, safe, high quality** dermo-cosmetic treatments for different skin conditions and diseases.

**acne-peel system** is this range's approach to the topical treatment of acne-prone and seborrhoeic skins.

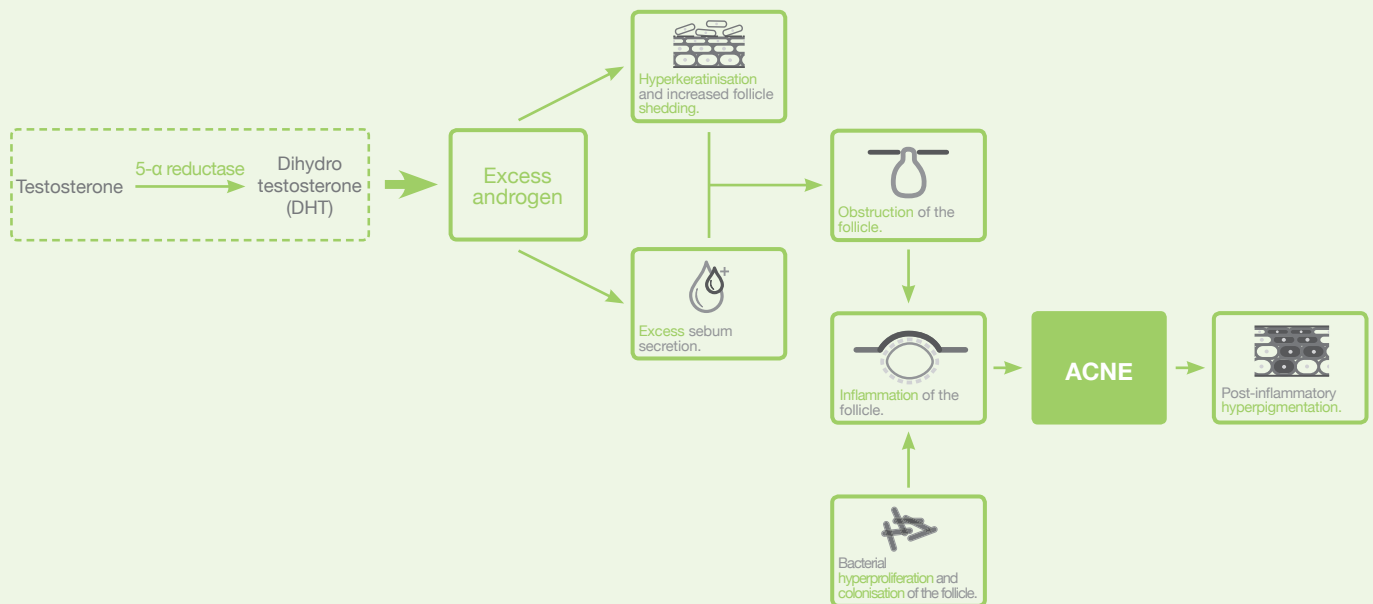
## 1. The pilosebaceous unit and acne

The **pilosebaceous unit** consists of the hair follicle and its corresponding sebaceous gland. These are most numerous on the face, chest and back.

**Androgenic stimulation** of the sebaceous gland triggers the production and secretion of sebum, a lipid whose essential role is to lubricate and protect the skin surface. This gland drains into the follicular canal, which in turn empties into the skin pores. This means that the follicular canal is covered with keratin, sebum and bacterial flora.



Acne vulgaris is a chronic skin disease with a **high prevalence** originated by excess androgens with the sequence of different triggers involved. The clinical symptoms are a **polymorphic skin condition** consisting of several types of lesions, which include comedones, papules, pustules, nodules, scars and hyperpigmentation. Acne also has potential **social impact** because it exacerbates emotional stress. More prevalent during adolescence, it can have a detrimental effect on sufferers' quality of life and productivity.



Qualitative acne classification according to predominant lesion type:

Grade 0 Pre-acne	Grade I Acne comedonica	Grade II Papulo-pustular acne	Grade III Pustulo-nodular acne	Grade IV Nodulocystic acne
follicular hyperkeratosis	comedones and papules	superficial papules and pustules	deep pustules and nodules	nodules, cysts and scars

## 2. A cross-cutting approach with m.acne complex™

- There is a clear unmet need for the acne patients. The hormonal origin and multi-factorial aetiology base of this condition hinders optimal control of its manifestations.
- Current medical practice recommends early treatment in order to prevent the appearance of symptoms and the permanent damage caused by this disease and to boost sufferers' self-esteem. A multi-focal approach and consistent treatment are considered essential to therapeutic success.
- At the heart of the formulation of product line lies the innovative **m.acne complex™**, a unique combination of active substances selected specifically for their complementary ability to address the numerous factors that affect acne-prone and seborrhoeic skins. The formula contains salicylic acid, mandelic acid and sodium lepargilate, which when combined with exclusive bexaretinyl complex have a unique synergistic effect that allows deep cleansing and integral renewal of acne-prone and seborrhoeic skins.

### 5- $\alpha$ REDUCTASE INHIBITION.

Reduces dihydrotestosterone (DHT) levels for superior **prevention and control of androgen excess.**



### CLEARs THE PILOSEBACEOUS CANAL.

Encourages keratolysis of an abnormally thick stratum corneum (horny layer) and **unblocks skin pores.**



### SLOWS SEBUM PRODUCTION.

**Controls** excess secretion from the sebaceous glands.



### CONTROLS BACTERIAL PROLIFERATION.

**Inhibits growth** and reproduction of the **strains** making up the skin flora that may infect blocked pilosebaceous canals.



### REDUCES EPIDERMAL RUBOR AND TUMEFACTION.

**Reduces and soothes** the intensity of the inflammatory process of **acneiform eruptions.**



### SOFTENS POST-ACNE HYPERPIGMENTATION.

**Mitigates** hyperpigmented areas of skin after an episode of acne.



**Multifactorial control of acne-prone and seborrhoeic skin.**

### 3. acne-peel system, acne solution by mesoestetic®

To achieve efficient, fast, convenient multifactorial control of acne-prone and seborrhoeic skin, mesoestetic presents **acne-peel system**. It offers a cross-cutting approach to address the numerous factors that trigger the disease, combining an intensive clinical treatment for professional use with a home care treatment comprising a complete range of products.

#### Clinic treatment

##### acne-peel system

Professional method for intensive treatment of acne-prone and seborrhoeic skin. It deep cleanses the skin surface of acne impurities for optimal functioning of the pilosebaceous follicle.

The **acne-peel system** pack contains the quantities of product necessary to perform 5 treatment sessions at 10 to 15-day intervals, according to the specialist's recommendation and the sensitivity and capacity to recover of the skin to treat.



The treatment pack contains:

##### mesopeel azelan

50 ml

Chemical exfoliant which contains a combination of azelaic acid and salicylic acid. It has antifungal, anti-comedone and pigment regulating properties. pH 1,5

##### Active substances:

**azelaic acid 20%:** antibacterial, antiproliferatory agent with anti-inflammatory and oil-regulating action. Normalises the keratinisation process of follicles.  
**salicylic acid 20%:** beta-hydroxy acid (BHA) which has a powerful keratolytic and comedolytic effect. It has anti-inflammatory, antimicrobial and astringent properties.

##### post-peel crystal fiber mask

5 x 25 ml sachets

Face mask comprising nano-fiber distributed in 3D. It reduces skin surface temperature, restructure the water-lipid layer and increase skin moisturising levels.

##### Main active ingredients:

**hyaluronic acid:** moisturising and regenerative.  
**seaweed extract:** soothing, moisturising and regenerating.

##### pore sealing shield

3 x 3 ml single doses

Gel that acts as a protective shield to prolong and maintain the effects of the active ingredients applied during treatment, while it soothes and tightens the pores.

##### Main active ingredients:

**zinc:** regulates the activity of the sebaceous gland thanks to its effects on 5- $\alpha$  reductase.  
**aloe vera:** anti-rash, moisturising and soothing.  
**copper:** helps to reduce epidermal rubor and skin hyperpigmentation.

##### post-peel neutralizing spray

50 ml

Solution formulated at pH 8.6 for a peeling effect.

##### Main active ingredients:

**sodium bicarbonate:** neutralising agent.  
**aloe vera:** anti-rash, moisturising and soothing.

## Home care treatment

Given the different aetiology of acne-prone and seborrhoeic skin. Its physical and emotional implications, perseverance through treatment is extremely important. The home care product line has been specifically designed as a convenient and efficient way of maintaining the effects of the intensive clinical treatment.

### Cleansing & purifying

#### purifying mousse

150 ml

Daily cleansing mousse to purify and cleanse acne-prone and seborrhoeic skin. With a light texture, its main ingredients are glucosides and refreshing agents that cleanse impurities from the skin, leaving it soft and feeling comfortable and pleasant.



#### Main active ingredients:

**urea:** soothes irritation while moisturising and softening the skin.

**chlorhexidine:** inhibits the growth of micro-organisms.

**Method of use:** moisten the skin to treat and apply **purifying mousse** evenly, rubbing gently with the fingertips to remove excess sebum and impurities from the skin surface. Rinse with plenty of water.

### Treatment cream

#### acne one

50 ml

Cream with an all-round effect, specifically designed for the daily treatment and control of acne-prone and seborrhoeic skin. The unique association of complementary, synergistic active ingredients in **m.acne complex™** stimulates exfoliation of the pilosebaceous canal while reducing sebum production. It controls bacterial proliferation and reduces epidermal redness, addressing the various factors that trigger acne-prone skin with a cross-cutting approach.



#### Other active substances:

**bexaretinyl complex:** a retinoid with chemoexfoliant and cellular renewing effects on the pilosebaceous follicle. It also has depigmenting properties that mitigate post-inflammatory hyperpigmentation after acne lesions.

**serenoa repens:** controls the effects of androgen excess by inhibiting 5- $\alpha$  reductase.

**Method of use:** apply daily a thin, even layer of **acne one** to clean skin, avoiding contact with the eye contour and mucous membranes. Subsequent use of **dermatological sun protection SPF50+** is recommended in case of exposure to solar radiation.

### Focal treatment

#### imperfection control

10 ml

Specific, local treatment for emerging or rebellious acne breakouts. The innovative pigments in the formula have a modulated, progressive, concealing effect controlled by the movements made during application which make it possible to adapt the treatment to different skin tones. At the same time, the complementary effects of the components of **m.acne complex™** quickly reverse the rubor and tumefaction of acneiform eruptions.

coming soon



#### Other active substances:

**bexaretinyl complex:** retinoid with chemoexfoliant and cellular renewing effects on the pilosebaceous follicle. It also has depigmenting properties that mitigate post-inflammatory hyperpigmentation after acne lesions.

**enoxolone:** reduces epidermal rubor and tumefaction.

**Method of use:** locally apply a small amount of **imperfection control** to clean, dry skin, using gentle circular motions to build up the colour and evenly cover the affected area.

### Intensive treatment

#### pure renewing mask

100 ml

Exfoliating and purifying facial mask for acne-prone and seborrhoeic skin for weekly use. The addition of inert pellets to the exclusive **m.acne complex™** provides mechanical exfoliation and cellular renewal for optimum control of oily skin or acne-prone.



#### Other active substances:

**bexaretinyl complex:** retinoid with chemoexfoliant and cellular renewing effects on the pilosebaceous follicle.

**kaolin:** exfoliates and absorbs sebum excess while softening the skin.

**Method of use:** apply weekly a layer of **pure renewing mask** to clean skin, avoiding contact with the eye contour and allow acting for between 5 and 10 minutes. Massage in gently so that the micro particles can sweep away impurities from the horny layer. Rinse with plenty of water.

Subsequent use of **dermatological sun protection SPF50+** is recommended in case of exposure to the solar radiation. Do not apply **pure renewing mask** while performing the **acne-peel system** method.

## 4. Combined protocol

Simultaneous use of an intensive professional method at the clinic using the **acne-peel system** and home maintenance thanks to a complete line of products.

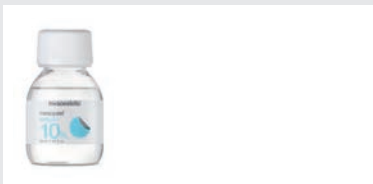
### acne-peel system professional method

Consists of 5 treatment sessions.

#### Optional previous session:

**mesopeel salicylic 10%** beta-hydroxy acid (BHA) with keratolytic, comedolytic and anti-inflammatory properties.

To perform during the 10 days prior to first clinic session in order to prepare the skin for exfoliation treatments.



#### Phase I: skin preparation

- Moisten the area to treat and apply 2 doses of **purifying mousse**. Massage in gently to cleanse the skin of acne impurities. Remove with a moist towelette.



#### Phase II: degreases and protects

- Degrease with **pre-procedure cleansing solution** using a gauze or a **pre-procedure cleansing wipe**. Rub gently on clean, dry skin.
- Surround the area to treat with **mesolips protector** balsam (to protect lips, eye contours, and nostrils, etc).



#### Phase III: intensive

- Pour between 2.5 ml and 5 ml of **mesopeel azelan** into a measuring beaker.
- Use a brush to apply **mesopeel azelan** quickly and evenly.
- Allow to act for a **maximum of 5 minutes**. This time can be adjusted by a professional according to the patient's characteristics and skin type.
- Fan the skin to relieve any tingling or stinging
- Once the exposure time is up, neutralise the peel with plenty of **post-peel neutralizing spray**.
- Remove the mask with a moist towelette.
- Dry the treated areas with an absorbent towelette.



#### Phase IV: decongestion and renewal

Apply **crystal fiber mask** to the face to soothe and moisturise the area treated, fitting this to the contours of the face.

#### Optional phase: decongestion of the skin on the décolletage and back.

- anti-stress face mask: soothing mask that restores the water-lipid skin layer.



#### Phase V: rebalanced

Apply the content of a single dose of **pore sealing shield** gel directly to the treated area. Spread evenly with a gentle massage.



#### Phase IV: finishing

Finish the treatment by applying **dermatological sun protection SPF50+**. Very high sun protection is essential for all types of treatment that consist of controlled aggression to the skin.



#### Post-treatment recommendation

For 48 hours after the treatment session, patients must avoid direct exposure to sunlight and artificial light, direct heat, saunas and swimming pools.



## Home care treatment

Given the nature of acne-prone skin and the specifics of the combined protocol of **acne peel system, acne solution by mesoestetic**, the following treatment sequence describes the preparatory, recovery and skin normalisation phases performed at home. Daily cleansing and frequent application of solar protection are essential throughout the treatment.

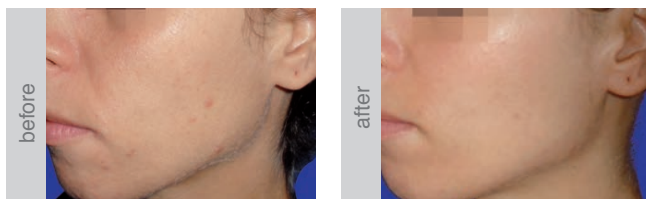


### acne-peel system recommendations:

- Home care treatment should begin after completing the **acne-peel system** clinical treatment program.
- If the professional considers it advisable the use of **acne one** and **imperfection control** during the normalisation phase between sessions, patients should be kept under strict observation in order to prevent any possible adverse reactions involving skin hypersensitivity.
- Do not apply **pure renewing mask** while performing **acne-peel system** method.

## 5. Progressive, long-lasting results

Pictures taken before and after 3 session with the acne-peel system treatment.



Pictures taken before and after 3 sessions with the acne-peel system treatment.



# acne-peel system

- **acne-peel system** is an innovative method for the topical treatment of acne-prone and seborrheic skins.
- Developed in collaboration with a prestigious group of specialist dermatologists to offer **maximum efficacy, safety and quality** in dermo-cosmetic treatments.
- **Multi-factorial, cross-cutting, simultaneous approach** to the various factors that trigger the signs and symptoms of acne.
- The exclusive **m.acne complex™** contains synergistic active substances that provide integral cleansing and renewal of acne-prone and seborrheic skins.
- **mesoestetic Pharma Group**, committed to research and development of new dermo-cosmetic solutions since 1984.



## mesoestetic®

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