



acnelan

acne solution
by mesoestetic®



mesoestetic

DERMA TOLOGICALLY DEVELOPED & TESTED

purifying mousse

Cleansing mousse for acne-prone and seborrheic skin.
Espuma limpiadora para pieles con tendencia acnéica y seborréica.
Mousse nettoyante pour les peaux à tendance acnéique et séborrhéique.
Mousse de limpeza para peles com tendência acnéica e seborréica.
Mousse detergente per pelli con tendenza acnéica e seborréica.
Очищающая пенка для кожи, склонной к акне и появлению себореи.

150 ml / 5.07 fl. oz.

mesoestetic

DERMA TOLOGICALLY DEVELOPED & TESTED

acne one

Daily integral treatment for acne-prone and seborrheic skin.

50 ml / 1.69 fl. oz.

mesoestetic

DERMA TOLOGICALLY DEVELOPED & TESTED

pure renewing mask

Exfoliating and purifying mask for acne-prone and seborrheic skin.

100 ml / 3.38 fl. oz.

mesoestetic

DERMA TOLOGICALLY DEVELOPED & TESTED

imperfection control

Effectively covers and controls emerging or re-occurring blemishes.

10 ml / 0.34 fl. oz.

mesoestetic®

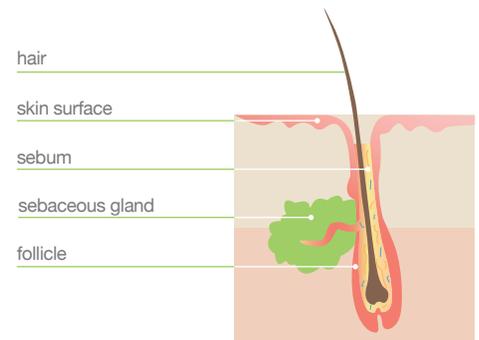
Ever since it was created in 1984, **mesoestetic Pharma Group** has been committed to applying innovative technology and ongoing efforts in R&D to provide effective solutions to patients' needs, with a particular focus on projects for the prevention and treatment of dermatological diseases. Fruit of 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.

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

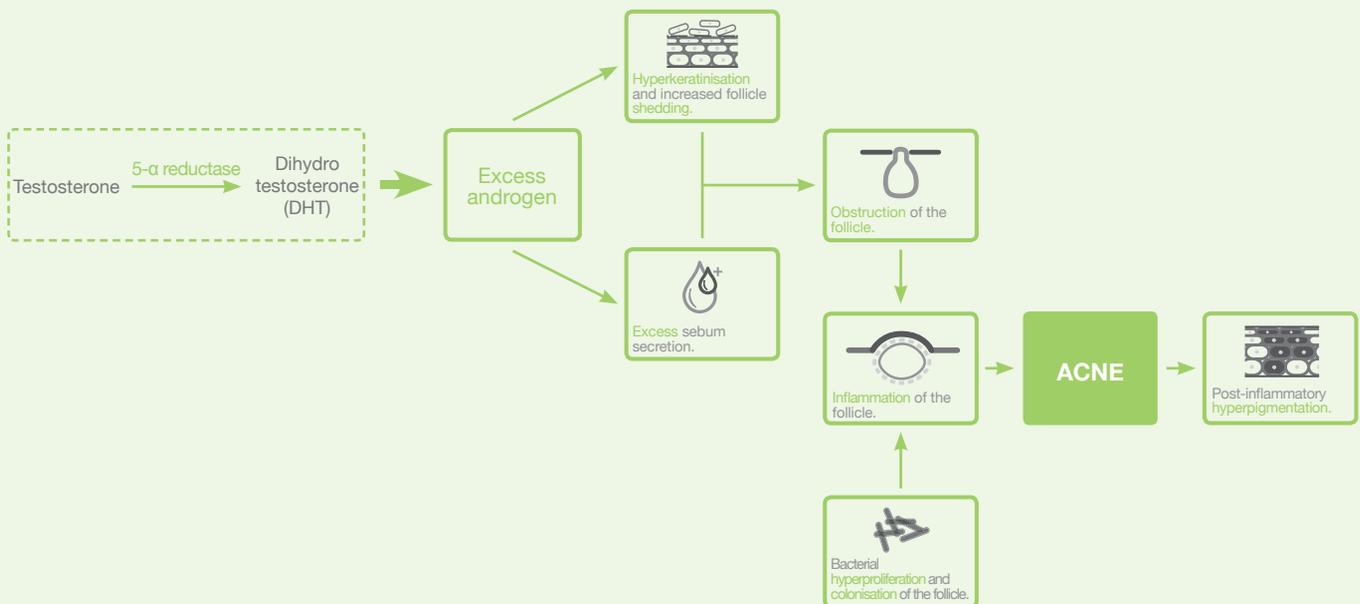
1. The pilosebaceous unit and acne

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.



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- α 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. acnelan by mesoestetic®

To achieve efficient, fast, convenient multifactorial control of acne-prone and seborrhoeic skin, mesoestetic presents **acnelan**. 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

acnelan

Professional method for intensive treatment of acne-prone and seborrhoeic skin. Deep-cleanses blocked pores, removing impurities and improving the skin texture.

The **acnelan pack** contains the quantities of product necessary to perform 3 treatment sessions at 15 to 21-day intervals, according to the specialist's recommendation and the sensitivity and capacity to recover of the skin to treat.

Subject to the approval of the professional, between 2 and 4 complete treatment programmes per year are recommended.



The treatment pack contains:

acnelan multifactor mask

3 x 10 ml jars

Ultra-concentrated descaling gel mask with predominately keratolytic and antimicrobial properties. Captures seborrhoeic filaments while exfoliating and deep cleansing the pilosebaceous unit, removing acne impurities as a result of the multifactorial effect of **m.acne complex™** in its formula.

pH 3.5

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 an acne lesion.

sulphur: powerful keratolytic and antibacterial effects. Deep cleanses the pilosebaceous channel, preventing obstruction and bacterial colonisation.

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

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- α reductase.

aloe vera: anti-rash, moisturising and soothing.

copper: helps to reduce epidermal rubor and skin hyperpigmentation.

post-peel neutralizing spray

50 ml

A pH 8.6 solution to soften and neutralise the **acnelan multifactor mask**, balancing and soothing the skin.

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- α 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 **acnelan** method.

4. Combined protocol

Simultaneous use of an intensive professional method at the clinic using the **acnelan pack** and home maintenance thanks to a complete line of products.

acnelan professional method

Consists of 3 treatment sessions (evaluate the possibility of performing 3 additional sessions in case of treatment-resistant acne).

Optional previous session:

mesopeel salicylic 20% beta-hydroxy acid (BHA) with keratolytic, comedolytic and anti-inflammatory properties. To perform during the 15 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 mouss**. Massage in gently to cleanse the skin of acne impurities. Remove with a moist towelette.
- Surround the area to treat with **mesolips protector** balsam (to protect lips, eye contours, and nostrils, etc).



Phase II: intensive

- Stir the suspension in the **acnelan multifactor mask** jar with the stirrer included in the treatment pack until it becomes a smooth gel. Use a spatula to apply the mask to the face and/or areas of the body to be treated.
- Allow to act for a maximum of 3 minutes. This time can be adjusted by a professional according to the patient's characteristics and skin type.
- Use fanning movements over the skin if a burning sensation occurs.
- Once the exposure time is up, neutralise and soften the mask by spraying with plenty of **post-peel neutralizing spray**.
- Remove the mask with a moist towelette.
- Dry the treated areas with an absorbent towelette.



Treatment precaution: given the composition and characteristics of **acnelan pack**, its use is recommended in skins with mild-moderated acne and with an exposition of **acnelan multifactor mask** not superior to 3 minutes, monitoring possible side effects such as an excessive irritation of the skin which can result in a frosting process and post-inflammatory hyperpigmentation (pay special attention to acne in inflammatory phase).

Optional phase: decongestant protocol in case of acute erythema

- **post-peel crystal fiber mask (face):** mask recommended for restoring optimal skin moisture and elasticity levels after an exfoliation and descaling treatment.
- **anti-stress face mask (other areas):** soothing mask that restores the water-lipid skin layer.



Phase III: 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 characteristics of combined **acnelan** protocol, the following sequence of treatment reflects the different preparation, recovery and normalization stages of the skin to perform at home. In any case, it is essential the application of:

- **purifying mousse** cleansing foam at the beginning of all treatment options.
- **dermatological sun protection SPF50+** to finalize all treatment stages.



acnelan, recommendations:

- Home care treatment should begin after completing the **acnelan pack** 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 **acnelan** method.

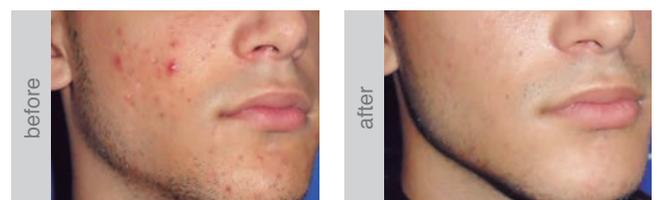
5. Progressive, long-lasting results

30 volunteers with acne-prone skin were included in a multicenter clinical follow-up efficiency and safety study conducted in 7 dermatological medical centers where **acnelan** clinic method were applied in combination with home care products.

Pictures taken before and after 1 session with the combined treatment.



Pictures taken before and after 3 sessions with the combined treatment.





- **acnelan** is an innovative method for the topical treatment of acne-prone and seborrhoeic 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 seborrhoeic skins.
- **mesoestetic Pharma Group**, committed to research and development of new dermo-cosmetic solutions since 1984.



mesoestetic®

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