

FACIAL THERAPY. PROFESSIONAL PROTOCOLE

# ACTI-BIOTIC

ANTI-HORMONAL TREATMENT AND ANTIBIOTIC

TREATMENT OF COMBINATION, OILY AND ACNE-PRONE SKIN  
Stimulation of the skin's natural antibiotics, Androgenic hormone regulation,  
Skin detoxification, Seborrhoeic regulation, Matifying effect on shiny skin.



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## TREATMENT OF COMBINATION, OILY AND ACNE-PRONE SKIN

The treatment of oily skin is both complicated and vast. The problem of oily skin involves many different aspects. The simplest causes are: excess make-up on poorly cleansed skin, clogged skin leading to whiteheads and blackheads and shiny skin subject to excess seborrhoea and in need of balancing and mattifying action. These are common cases that are easy to manage with adapted skincare.

But we know that oily skin can also present problems that are more difficult to solve. This is the case of acne-prone skin. Caused by many different factors, acne can become extreme and leave marks on the skin. Therefore, it is important to treat it carefully and effectively.



Our research services aimed to develop a treatment method that targets ALL phenomena of oily skin, from the simplest to the most complex.

ACTI-BIOTIC is a range of highly targeted and high performance skin care products dedicated to the treatment of combination to oily skin and/or acne-prone skin. Formulated with a powerful phyto-complex, these products stimulate the synthesis of the skin's natural antibiotics to help it defend itself against invasions by microbes that are partly responsible for the formation of acne. They act on the whole hyperactivity problem of the sebaceous gland by regulating and rebalancing it.

### THESE PROVIDE THE FOLLOWING RESPONSES:

Powerful active ingredients were also added to this skincare product range to offer specific actions, such as anti-seborrhoeic, antibacterial, anti-hormonal and anti-irritation actions, which we will now discover in more detail.

- PURIFICATION
- DETOXIFICATION
- DEEP-CLEANSING OF BLACKHEADS
- REDUCTION OF SEBUM
- REGULATION OF SEBACEOUS GLANDS
- ANTI-HORMONAL ACTION
- ANTIBACTERIAL ACTION

## DERMAPUR: A NATURAL POWERFUL ANTIBIOTIC

To combat microbial infections, the skin produces natural antibiotics that allow it to maintain the balance of its resident flora (composed of billions of microorganisms, such as yeast, fungus and bacteria).

When this ecosystem is disturbed or imbalanced, the bacteria proliferate and the skin develops retentive and inflammatory wounds. Natural antibiotics help limit the invasion and growth of pathogenic bacteria on the skin's surface.



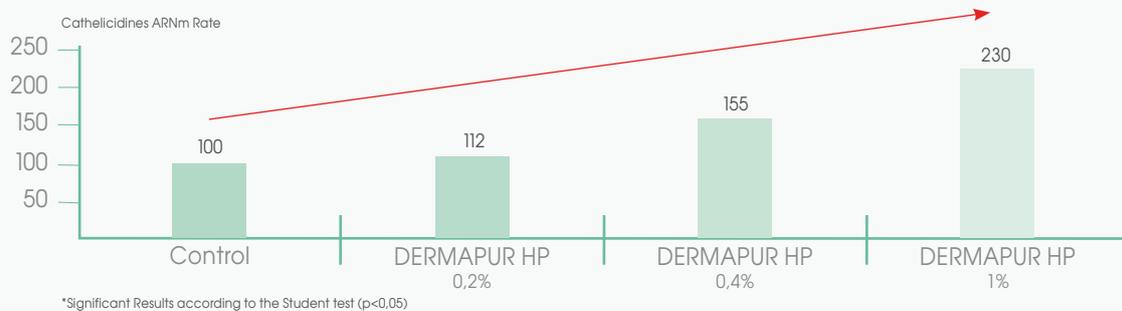
### POWERFUL ANTIBACTERIAL ACTION

A star active ingredient of the new ACTI-BIOTIC range DERMAPUR is a powerful phyto-complex (meadowsweet extract) capable of stimulating the synthesis of the skin's natural antibiotics to help it defend itself against microbial invasions responsible for acne. DERMAPUR boosts the synthesis of cathelicidins, the antimicrobial peptides produced naturally by our cells.

Cathelicidins disorganise the bacterial membrane by making it permeable. They thus have a direct antibiotic action. The skin's natural defences are reinforced. The skin is better armed to stop bacterial proliferation, balance and preserve its resident microflora.

### IN VITRO STUDIES

In vitro dermatological measurements showed that the use of DERMAPUR **increases the synthesis of cathelicidins (the skin's natural antimicrobial peptides) by up to 130%.**



The results demonstrated **82%** inhibition of *Staphylococcus aureus* and up to **92%** inhibition of *Propionibacterium acnes*, the principal bacteria responsible for acne complications.



Amount of acne wounds T0

Amount of acne wounds T28

### RESULTS AFTER 1 MONTH OF TREATMENT

Presence of macrocysts:	- 40%
Presence of inflammatory wounds:	- 20%
Infiltration of wounds:	- 22%

## SEBOREGULATOR COMPLEX = ZINC METAL + IRIS ANTIBACTERIAL, ANTISEPTIC, ANTI-REDNESS

The combination of iris extract and zinc is used to produce a multi-acting SEBOREGULATOR complex: enzyme regulator, antiseptic, decongestant, astringent and keratolytic.

### IRIS RHIZOME EXTRACT

Rich in glucosides and rutosides, iris helps prevent the appearance of redness by restructuring the middle area (muscular sheath) of the blood vessels and diminishes the reactive irritations of oily skin.

### METAL ZINC

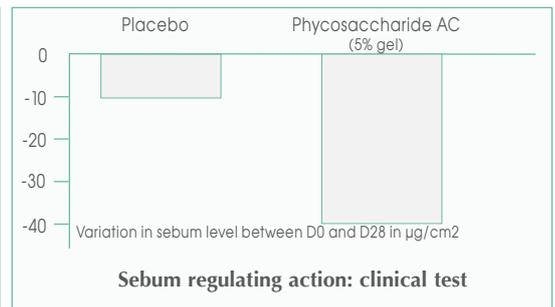
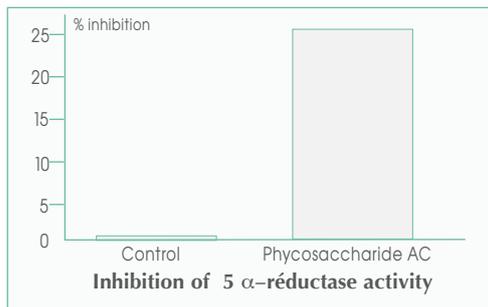
Zinc plays a multiple role in the treatment of the factors associated with oily skin:

- 1) It is antiseptic and healing. Two mechanisms are involved in the fight against bacteria: a direct anti-proliferation action on flora and an absorption action on toxins and the destructive enzymes of bacteria.
- 2) It acts as a co-enzyme in the repair reactions of damaged tissues, such as peptidases and lipases. Zinc also combats free radicals, released in mass amounts during inflammatory reactions. It is a component of catalase, the enzyme that diminishes the quantity of free radicals responsible for the destruction of tissues and vessels during inflammation.



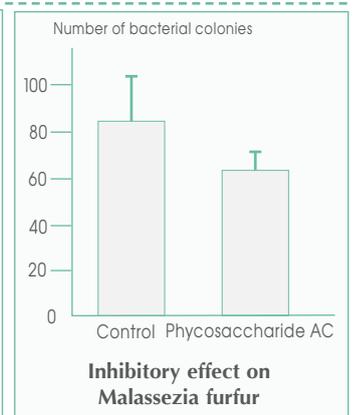
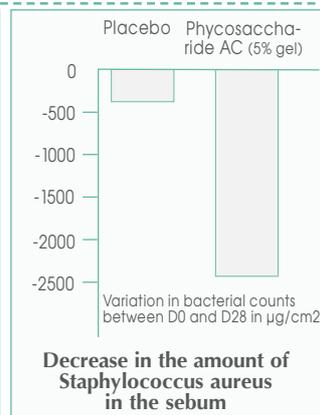
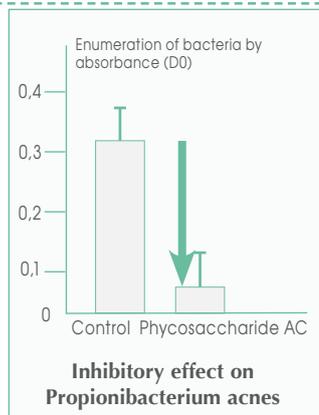
## PHYCOSACCHARIDE AC POWERFUL ANTI-SEBORRHOEA

PHYCOSACCHARIDE AC is a marine-derived oligosaccharide associated with zinc. It helps to slow seborrhoeic synthesis, the release of sebum, and protects the skin against all risks of acne complications.



## INHIBITION OF BACTERIAL PROLIFERATION

With its composition of tannic polyphenols, PHYCOSACCHARIDE AC limits the growth of Staphylococcus aureus, Propionibacterium acnes and Malassezia furfur responsible for the formation of comedones and concomitant inflammatory processes.



## REDUCTION IN SKIN LESIONS



## ACNET: ANTI-HORMONAL, ANTI-INFLAMMATORY

ACNET is a **biotechnological** active ingredient that acts simultaneously on all problems of oil skin: hyperseborrhoea, hyperkeratosis, inflammation and bacterial development. This complex is a **combination of Nordihydroguaiaretic acid, or NDGA**, and oleanolic acid, formulated in an Osmocide gel. It combats all factors that cause the appearance of acne.

### SEBUM-REGULATING ACTION

The **oleanolic acid** (olive leaf extract) contained in ACNET helps inhibit 5-alpha-reductase, the enzyme capable of transforming the steroid hormone testosterone into active dihydrotestosterone, which is responsible for stimulating the sebaceous glands. The inhibition of its activity helps regulate sebum production.

### ANTI-HYPERKERATOSIS AND ANTI-INFLAMMATORY ACTIONS

**Nordihydroguaiaretic acid**, or NDGA is an interesting molecule, as it acts on two of the components involved in the production of acne: it is anti-inflammatory and inhibits the cellular proliferation that causes hyperkeratinisation. To do so, it disorganises the transportation of proteins within the cell and reduces the available energy (levels of ATP) to slow the metabolism of cellular division (mitosis).

### ANTIBACTERIAL ACTION

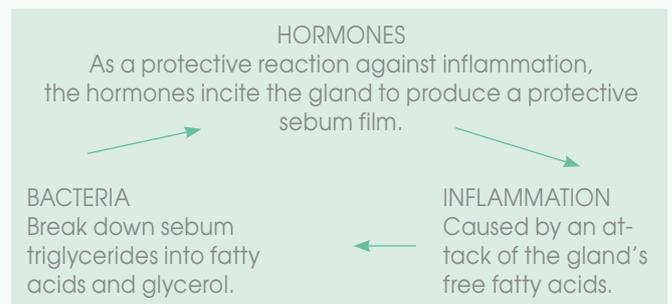
Formulated from polyols, the osmocide gel has amazing antibacterial properties. It acts by osmotic effect and deprives microorganisms from the minimum quantity of free water necessary for their growth.

### IN VIVO TEST RESULTS

SEBORRHOEA:	-44%
PAPULES AND PUSTULES:	-32%
ACTIVE SEBACEOUS GLANDS:	-31%
MICROCYSTS:	-27%
WHITEHEADS:	-35%
ASTRINGENT EFFECT:	+35%
APPEARANCE OF THE SKIN:	+35%



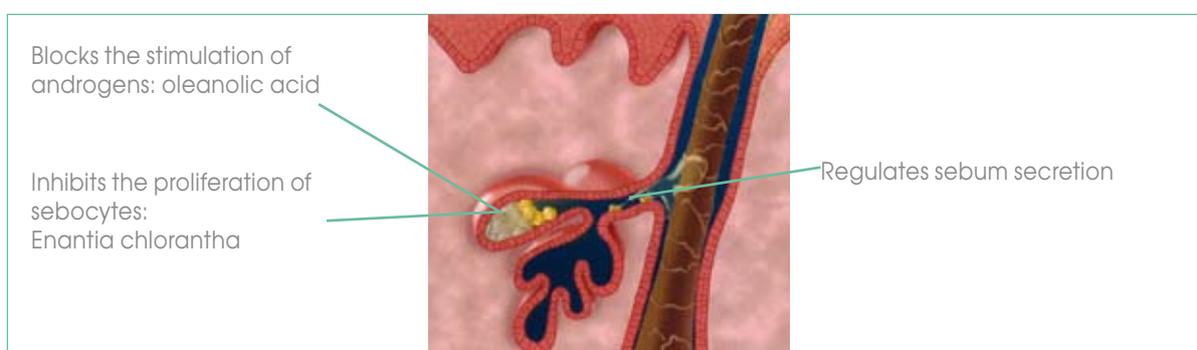
Visualisation of the colonisation of P. acnes (orange dots)



Reduction of the number of wounds

## EVERMAT: ANTI-SEBOCYTE, ANTI-HORMONAL

EVERMAT is a new active ingredient (derived from *Enantia chlorantha*, an extract from an African tree, and oleanolic acid, extracted from olive leaf), capable of acting on two essential factors of sebaceous physiology to reduce seborrhoea: it inhibits 5-alpha-reductase and reduces the number of sebocytes.

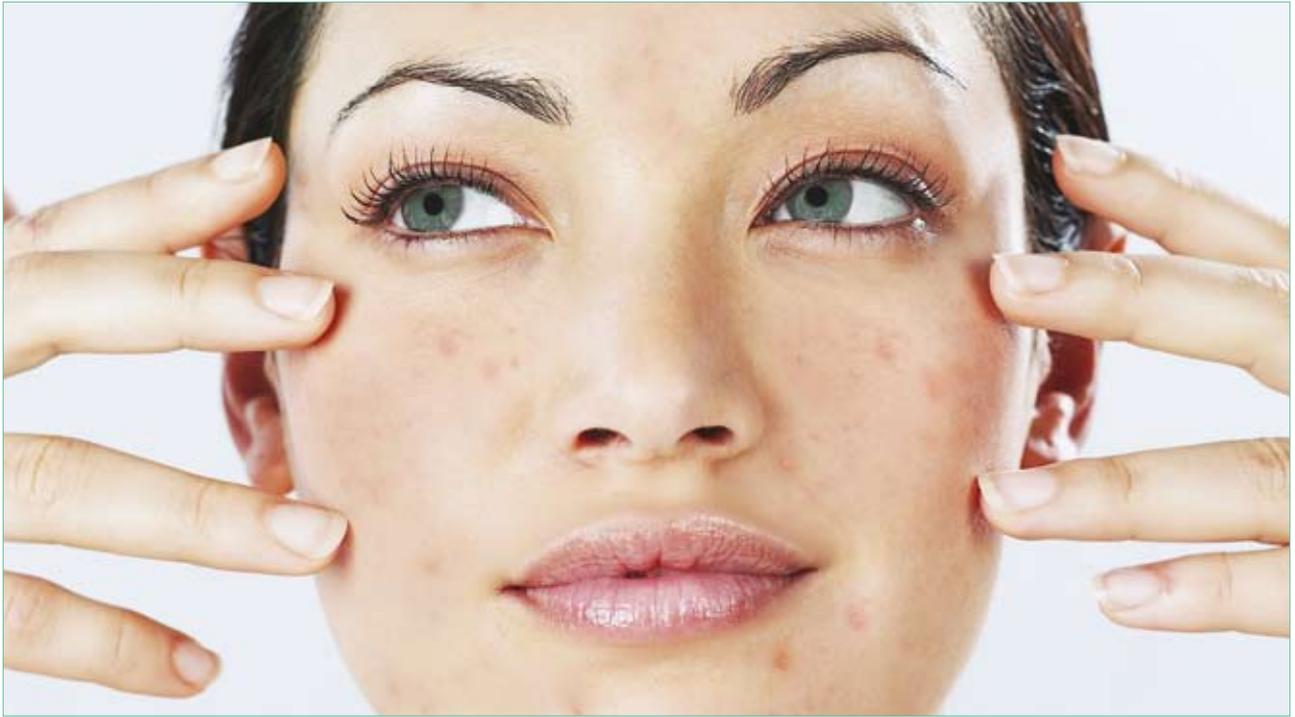


## BIODEXTROL: ANTI-HORMONAL

BIODEXTROL is a biotechnological active ingredient, an in situ regulator of the hormonal activity of the sebaceous gland. Derived from techniques similar to those used in the fabrication of antibiotics, this active ingredient is obtained via the bioconversion of starch extract, carried out by a specific enzyme called cyclodextrin glycosyltransferase. The three-dimensional structure of BIODEXTROL makes it possible to regulate the activity

of androgen steroid hormones. It temporarily attaches itself to them and changes their solubility in sebaceous glands. The glands are no longer overstimulated. They quickly regain their normal activity.

**BIODEXTROL acts quickly on the sebaceous glands: in 10 days, hyperseborrheic skin regains normal lipid flows, without drying out.**



## ACTI-BIOTIC SKIN CARE LINE

### HOME CARE PRODUCTS



- E529 / SEBO-SERUM - EMERGENCY SERUM
- E530 / SEBO-GEL - CORRECTIVE GEL
- E834/ SEBO-SAVON - PURIFYING FOAMING GEL
- E528 / SEBO-PEELING - SALICYLIC SCRUB
- E531 / SEBO-MASK - PURIFYING MASK
- E833 / SEBO-CREME - HYDRA-NORMALISING CREAM

### PROFESSIONAL PRODUCTS



- E836 / SEBO-SOAP - PURIFYING FOAMING GEL
- E532 / SEBO-PEELING - SALICYLIC SCRUB
- E533 / SEBO-CREAM - MASSAGE CREAM
- E835/ SEBO-GEL - CORRECTIVE GEL
- E534 / SEBO-MINERAL - PURIFYING CLAY MASK
- E538 / WHITE SPOTS SERUM
- E536 / OPEN PORES SERUM

# ACTI-BIOTIC SKIN CARE LINES

PRODUCTS	FUNCTIONS	ACTIVE INGREDIENTS	ACTIONS
<b>PURIFYING FOAMING GEL</b>  <u>Retail:</u> Ref. E834 - 250-ml Bottle. <u>Professional use:</u> Ref. E836 - 500-ml Bottle.	Gently cleanses and purifies. Leaves skin clear, smooth, fresh and radiant.	• EVERMAT	Sebum-regulating,
		• ACNET	Anti-seborrhoea, anti-bacterial.
		• DERMAPUR	Inhibits bacterial proliferation.
<b>SEBO-SERUM</b>  <u>Retail:</u> Ref. E529. 15-ml pump bottle.	Local action for treating whiteheads and blackheads.	• DERMAPUR	Inhibits bacterial proliferation.
		• ACNET	Anti-seborrhoea, anti-bacterial.
<b>SEBO-GEL</b>  <u>Retail:</u> Ref. E530. 30-ml Dropper bottle. <u>Professional use:</u> Ref. E835. 150-ml Tube.	Corrective gel, triple-action care. Fights against bacterial proliferation. Refines skin texture.	• DERMAPUR	Inhibits bacterial proliferation.
		• BIODEXTROL	Sebum-regulating, anti-hormone.
<b>SEBO-PEELING</b>  <u>Retail:</u> Ref. E528 - 50-ml Tube with nozzle. <u>Professional use:</u> Ref. E532. 150-ml Tube.	Exfoliator enriched with salicylic acid, cleanses in-depth.	• DERMAPUR	Inhibits bacterial proliferation.
		• SALICYLIC ACID	Keratolytic action.
		• GLYCYRHETINIC ACID	Anti-inflammatory.
<b>SEBO-MASK</b>  <u>Retail:</u> Ref. E531. 50-ml Tube with nozzle.	Purifying mask with super-absorbent powers. Brightens the complexion. Concentrated in sebum-regulating and anti-bacterial active ingredients.	• DERMAPUR	Inhibits bacterial proliferation.
		• ACNET	Anti-seborrhoea, anti-bacterial.
		• PHYCOSACCHARIDE AC	Active sebo regulator.
<b>WHITE SPOTS SERUM</b>  <u>Professional use:</u> Ref. E538. 30-ml Dropper bottle.	Ultra-concentrated on acneic lesions.	• DERMAPUR	Inhibits bacterial proliferation.
		• IRIS + ZINC	Antiseptic, anti-inflammatory.
<b>OPEN PORES SERUM</b>  <u>Professional use:</u> Ref. E536 30-ml Dropper bottle.	Ultra-concentrated serum: powerful, localised astringent action.	• DERMAPUR	Inhibits bacterial proliferation.
		• PHYCOSACCHARIDE AC	Active sebo regulator.
<b>SEBO-CREAM</b>  <u>Retail:</u> Ref. E833. 50-ml Tube with nozzle. <u>Professional use:</u> Ref. E533. 150-ml Tube.	Moisturises and rebalances sebaceous secretions. For comfortable skin and no shine.	• DERMAPUR	Inhibits bacterial proliferation.
		• ACNET	Anti-seborrhoea, anti-bacterial.
		• WILLOW BARK EXTRACT	Anti-inflammatory.
<b>SEBO-MINERAL</b>  <u>Professional use:</u> Ref. E534. 300-g Jar.	Absorbent, purifying mask aimed at eliminating toxins.	• GREEN CLAY	Absorbant.
		• E.O. THYME, PINE, BURDOCK, NETTLE	Healing, soothing, antiseptic, anti-inflammatory.

# ACTI-BIOTIC

## INDICATIONS

Oily, asphyxiated skin with active seborrhoea and blackheads or whiteheads. Regulates hormonal activity, tightens pores, soothes irritated areas, mattifies shiny areas. Purifying, cleansing and rebalancing. Leaves skin healthy and clear.

1

### CLEANSING

Cleanse the face and neck with ACTI-BIOTIC SEBO-SOAP E836. Rinse thoroughly with a sponge.



2

### SCRUB

Apply ACTI-BIOTIC SEBO-PEELING E532 scrub to face and neck, then make circular movements with fingertips. Then clean with a damp sponge.



3

### EXTRACTING COMEDONES

Hot spray with ozone, 10 min, and then extraction of comedones; use of high frequency for a bactericidal effect.

4

### APPLYING SERUMS

Application of special serums by area, according to needs: ACTI-BIOTIC OPEN SERUM E536 and/or ACTI-BIOTIC WHITE SPOT SERUM E538, using very light dabbing motions; leave to become absorbed for approximately 5 minutes.



5



### PREPARING THE MASK

Preparation of ACTI-BIOTIC SEBO-MINERAL CLAY MASK E534: mix one 20 ml dose of the mask in a bowl with 20 ml of cold water.



6



### MASSAGE

Carry out a gentle massage of the face and neck with ACTI-BIOTIC SEBO-CREAM E533.

7



### APPLYING THE MASK

Apply ACTI-BIOTIC SEBO-MINERAL CLAY MASK E534 to the face and neck using a brush, avoiding the eye contour area. Soak 2 cotton pads with BIOPTIC SOOTHING LOTION E234 and place them over the eyes. Place a sheet of gauze over the entire face and neck: take care to make it adhere to the skin, then pull slightly upwards to obtain perfect modelling of the face and neck. Then apply a second thicker layer of the mask to the entire face and neck. Leave to dry for approximately 15 minutes. Gently remove the gauze. Cleanse the face and neck with a damp sponge.

8



### APPLYING SERUMS

Application of special serums by area, according to needs: ACTI-BIOTIC SERUM FOR OPEN PORES E536 and/or ACTI-BIOTIC WHITE SPOT SERUM E538, using light dabbing motions; leave to become absorbed for approximately 5 minutes.



9



### MASSAGE

Apply ACTI-BIOTIC SEBO-GEL E835 and carry out a gentle massage of the face and neck until complete absorption of the gel.



**DURATION OF ONE TREATMENT: 60 Min.**  
**1 COURSE: BETWEEN 4 AND 8 SESSIONS**  
**TREATMENT FREQUENCY: ONCE A WEEK**

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