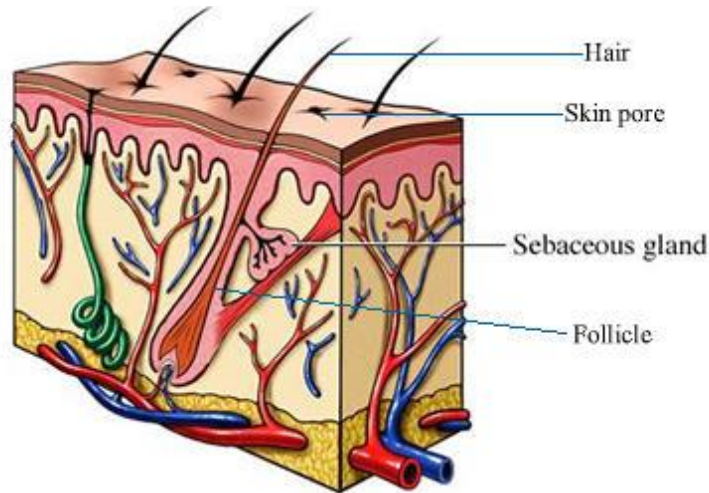


# POLYACTIL FOR ACNE and SKIN BEAUTY

**Polyactil** was developed to reduce pain and accelerate the healing of wounds, while fighting infection and stimulating cells to regenerate properly. It was quickly obvious that the same actions of the active ingredients were exactly what is needed by the body to control the causes of acne, controlling hydrating rather than excess oil production, stopping the blockage of pores and follicles, and killing the harmful bacteria that result in inflammation and pimples.

Acne is basically caused by a blockage of the hair follicles of the skin. The blockage results from an excessive production of oil from the sebaceous glands and/or detachment of the cells in the follicle and the associated accumulation of oil and dirt. The natural drainage of the follicle is then inhibited.



The obstruction of the secretions and build up of residues stimulates an excessive growth of the skin bacteria *Propionibacterium Acne*. The bacterium produces excess chemicals that alter the normal composition of the cetaceous oils, the pores become blocked and the skin becomes irritated and inflamed.

The inflammation happens as a defense mechanism in an effort to rid these secretions, residues and chemicals. The affected skin is characterized by redness, swelling, pain and sometimes fever.

Blocked pores can cause:

- i. Micro-blackheads, which usually evolve into non-inflamed blackheads. These are very dark, due to the presence of pigment (melanina).
- ii. Pimples with white heads, which originate from a deeper blockage of the follicle. The excess oil in the follicle filters toward the deep skin around the pore and causes either blackheads or pimples with white heads. These white heads are more likely than micro-blackheads to produce actual blackheads or red, inflamed, swollen pimples.
- iii. Abscessed blackheads or pustules, which happen when the walls of the follicle yield and break and the residue which has accumulated in the follicle spreads to the adjacent pores. As the *Propionibacterium Acne* bacterial colonize in deeper layers of the skin, inflammatory acne is established.
- iv. Inflammatory severe acne, which is the intensification of the previously discussed stages. In this case, the clogged pores accumulate and form *Conglobate Acne*, a situation in which sinusoidales can form. This can further evolve into *Pyoderma Faciale*, where large pustules form. The condition frequently spreads to the chest and back. These phases can result in acne scars.

The problem associated with these non-pathogenic bacteria is light to severe inflammation of the follicles. It is clear that only a strong anti-inflammatory drug with local action that can be directed to the affected zone is capable of

correcting the problem. In spite of the obvious, the use of oral antibiotics, topical peroxide agents, hormone treatments and such have been attempted, but have not proven truly successful. Even high risk drugs have been prescribed to dry the oily secretions of the sebaceous glands with only slight improvement of the acne and inflammation.

The extraordinary properties of **Polyactil** are perfect for truly conquering acne and have been shown incomparable in controlling all of the contributing factors leading to acne. It is becoming a milestone in the way acne is treated. It regulates to physiology of the skin in the early stages leading to acne, and controls the bacteria in the advanced stages of Conglobate Acne and Pyoderma Faciale.

The basic action of **Polyactil** is multi-fold. It allows hydration, rather than oiliness. It establishes a natural balance whereby good, essential bacteria are allowed to kill harmful bacteria. It stimulates the natural hormone balance of the skin. Thus **Polyactil** is not only beneficial to acne victims, but also to those who suffer from rosacea and, simply, anyone who want a naturally healthy radiant complexion.

The active ingredient of **Polyactil**, a proprietary buffer, stimulates the collagen in the dermis in the correct molecular arrangement ... good collagen. Plus the buffer promotes the use of "good cholesterol" by the skin. This not only enhances the health of the skin, but restores resiliency and overall youthful beauty. Further, it reinforces the lipid barrier of the stratum corneum, to keep the skin properly hydrated ... not oily. And equally important to acne victims, it penetrates into the "micro domains" of the cell membranes, stabilizing the epidermis tissue and enhancing natural immunity in the cells and the cells the cover the blood vessels, which of course deliver nutrients to the cells. Thus the cells can ward off the harmful bacteria that cause the inflammation and pustules. Simultaneously, the buffer stimulates the celled of the sebaceous glands, helping the body to naturally process cholesterol and convert it to pregnenolone, a hormone that aids cell repair. The skin has glands that produce hormones locally and independently from the endocrine system. The production of the natural hormones is aided by simply applying **Polyactil**. Thus the **Polyactil** stimulates the body to naturally accomplish what has been attempted by dermatological hormone treatments. As a result, not only does the acne diminish and soon disappear, but new, extremely healthy skin emerges, with good pore structure, tone and the appearance that only truly healthy skin can have.

The actual precise biological mechanisms are described in the published technical paper "*Scientific Foundation for the Use of Polyactil, Petroactil and Sedactil in Dermatology*".

## **INSTRUCTIONS:**

Wash the face and other affected areas and rinse thoroughly. Use a small dab of **Polyactil** on cotton to further cleanse the skin. Do not touch skin with your fingers and do not open pustules with your nails! Rinse again and pat the area dry with a clean cloth. Apply a thin layer of **Polyactil** to cover the entire affected area. In areas where blackheads are predominate, apply additional **Polyactil** and rub it with your fingertips until the gel disappears. Do twice daily.

**Polyactil** is non-toxic and no side effects and can be on area are open and over cuts, burns, sunburn, etc.