

## PHOTODYNAMIC THERAPY 808 NM

The use of the low-density infrared 808 nanometers laser on a photodynamic green solution, consists in the release of singlet oxygen and free radicals offering a less invasive alternative to conventional treatments, such as dermo-abrasion and antibiotics, which have the disadvantage of reacting indiscriminately to all cells, even the healthy ones.

## NON-ABLATIVE FRACTIONAL LASER 1470 NM

The treatment of scarring acne lesions with fractional non-ablative laser has been a consolidated practice in dermatology for years. It is indicated for all scarring acne in face and body that can be treated with fractional non-ablative lasers 1470 nanometers.

The fractional laser has been proven effective also for difficult situations of scarring acne; it is a non-ablative procedure that requires therefore more sessions to consolidate the result. The aim of the treatment is cutaneous remodeling which is obtained through the creation of micro thermal channels (M.T.Z. Micro Thermal Zone) at different depths, alternated to healthy tissue.

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LASER TREATMENT  
FOR ACNE

For any further information, please contact:

The aim of this leaflet is to provide general information on laser treatments. Please contact your doctor for further details concerning your case.



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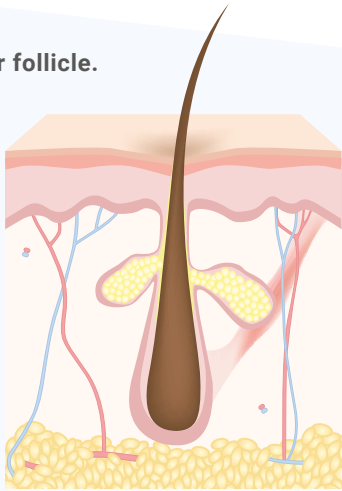


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## ACNE: WHAT IS IT?

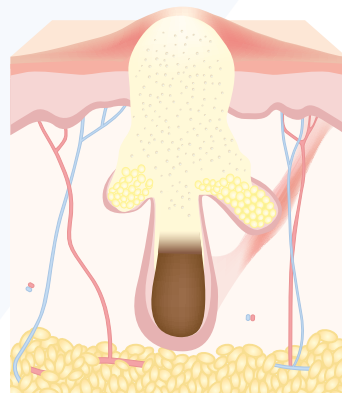
Acne is a disease of the pilosebaceous follicles. It is a type of skin that contains the hair root, which is connected to the sebaceous gland that produces the sebum that is deposited in the follicle and then brought to the surface of the skin.

### Normal hair follicle.



### Type of acne.

Pustule with dead skin cells, sebum, bacteria (PUS).



## HOW IS ACNE FORMED?

Acne appears as comedones (small blackheads or yellowheads, which block the opening of sebaceous glands), with pustules, nodules and cysts.

When faced with some factors, mostly hormonal, sebaceous glands secrete more sebum than usual: during these periods, the human body is subjected to important hormonal changes, such as an increase in androgens and progesterone. People suffering from acne have glands that are particularly sensitive to the abovementioned hormones.

## HOW CAN YOU TREAT ACNE WITH EUFOTON LASERS?

Different laser assisted solutions can be applied for acne-related problems.

## THE SELECTIVE GREEN LASER 532 NM

The 532 nanometers green laser beam causes photoselective damage to the acne-producing bacteria, reducing the sebum and creating an improved epidermal texture.

## RESULTS

