

ST LEONARDS DERMATOLOGY AND LASER

SCITON BROADBAND LIGHT (BBL) ACNE

Acne is a disorder resulting from the action of hormones and other substances on the skin's oil glands, sebaceous glands and hair follicles. Propionibacterium acnes (P. acnes) are the anaerobic bacterium that causes acne. Severe acne can lead to permanent scarring.

BBL's 420 nm wavelength allows controlled heating of sub-epidermal layers of the skin. The pulse duration and high scattering coefficient limit the heated region to a uniform thin layer at the epidermal-dermal boundary.

With proper treatment, the procedure will lead to collagen remodeling, proliferation of active fibroblasts, and treating over-acting sebaceous glands that result in the reduction of acne and improve acne scarring non-ablatively. For a more dramatic improvement for acne scarring skin resurfacing and or "filler" material is the ideal treatment.

Please ask your dermatologist for information regarding this treatment.

Day of procedure

- Photos will be taken prior to treatment.
- You will have the area to be treated cleaned.
- Eye protection in the form of goggles will be fitted.
- A clear gel will be applied to the area.
- The pulse will have a mild stinging sensation.

There will be two or three passes over the whole area to be treated. It is a blue light treatment which avoids unwanted thermal results.

Often however, after the blue light treatment is finished it is desirable to treat the undesired pigmentary conditions that may be present such as vascular/red or pink tones associated with acne and rosacea. However it is also possible to treat the other skin conditions with BBL following the acne treatment.

Post treatment

There should be little irritation on the skin from the acne treatment on the day.

An improvement in the areas treated should be evident within the first two weeks, however a course of treatments every 2-3 weeks with a total of 6 treatments in total should provide anywhere between 70-90% improvement.