

# CHALAZION

## WHAT IS CHALAZION?

CHALAZION is caused by the non-infective basis obstruction of a meibomian gland.

The obstruction produces a build-up of irritating lipidic compounds in surrounding lid tissues with consequent inflammation.

## CONSEQUENCES

The lid first appears tumified, after 1 or 2 days the chalazion moves in the body of the lid forming a non painful lump.

According to the dimension and position, a chalazion can damage the cornea causing a slightly displaced vision



BEFORE TREATMENT



AFTER 1 TREATMENT WITH LLLT

Courtesy of Dr. Karl Stonecipher, Associate Prof. at North Carolina University – Director at TLC Laser Centers, N.C. USA

# TREATMENT

TREATMENT consists in the application of RED LIGHT MASK following suggested protocol.

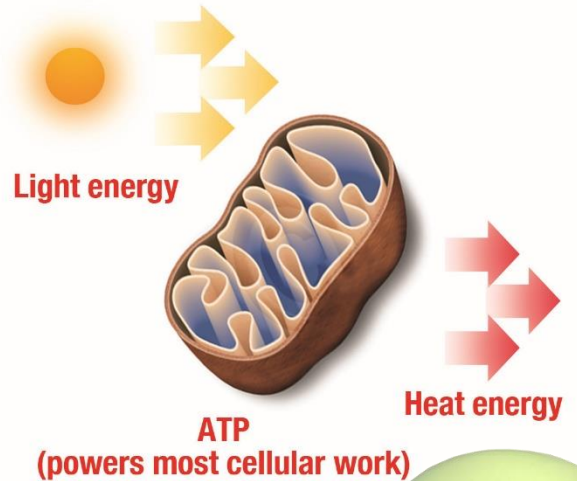
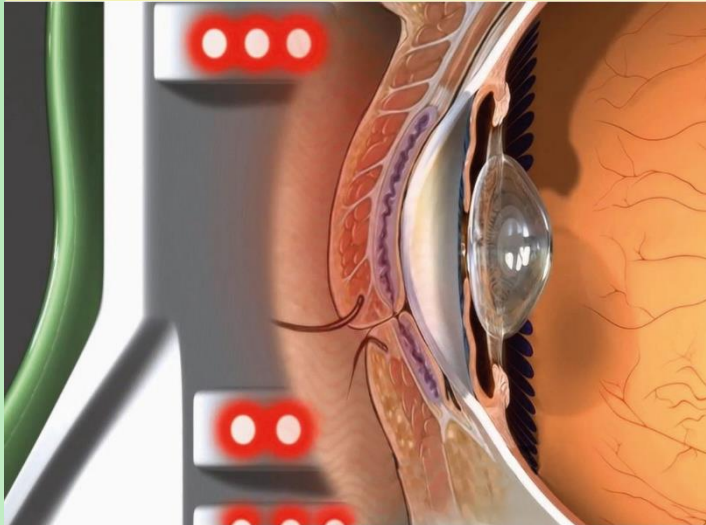


LOW LEVEL LIGHT THERAPY

## RED MASK

Red light stimulates ATP by increasing and improving cellular activity, it reduces inflammation and oedema and works on Meibomian glands.

### LIGHT MODULATION / LLLT - ACTIVATION MECHANISM



## SUGGESTED PROTOCOL

	Week 1	Week 2
Red Mask for 15'	2 Applications	1-2 Applications



### BIBLIOGRAPHY:

**Low Level Light Therapy for the treatment of recalcitrant chalazia: a sample case summary**

**Dr. Karl Stonecipher**, Associate Prof. at North Carolina University – Director at TLC Laser Centers, N.C. USA - Dove Press - Clinical Ophthalmology 2019:13 1727-1733