



Case Report: LASER q-switched 532 nm for the treatment of flat warts on face.

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This is a case report in white paper format, described by Dermatologist Guilherme Bueno, from São José do Rio Preto, São Paulo, Brazil. Dr Guilherme has used the ETHEREA-MX[®] platform, with a ACROMA-QS[®] handpiece and in 532 nm.

Treatment:

- ▶ **Flat warts** present themselves as small brown papules and are commonly found on the face and on the dorsum of hands. The goal of the treatment is the destruction or removal of lesions. For this purpose, medical literature describes the use of topical medicaments, which provide chemical cauterization, as well as surgical procedures (electrocoagulation and curettage), cryotherapy (the destruction of lesions with liquid nitrogen) and LASER.
- ▶ **ACROMA-QS[®]:** LASER in QS, operating at a 20 nanosecond pulse time range, will guarantee high energy delivery in a short period of time. Working with 2 wavelengths, 1064 nm and 532 nm, the system allows for the treatment of melasma, tattoos, ochre dermatitis, among others.
- ▶ The use of LASER in 1064 nm is being widely indicated for telangiectasias as well as for larger caliber vases. Due to its selective absorption by the hemoglobin present in the vases, it will guarantee effectiveness with safety.
- ▶ Because of its photodisruptive effect when it touches the skin, that is, the light causes the explosion and fragmentation of the target tissue, LASER in q-switched ACROMA-QS[®] was chosen as a therapeutic option for the treatment of flat warts which are unresponsive to other treatments or other types of LASER.
- ▶ **5 sessions, in 30 day intervals were performed:**
1st session: spot 532 nm, 600 mj;
2nd, 3rd and 4th sessions: spot 532 nm, 1200 mj;
5th session: spot 532 nm, 1500 mj.



Imagem A: Pre-treatment.



Imagem A: Post-treatment.