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Primary iris cysts treated with frequency-doubled Nd:YAG laser photocoagulation

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Aim: This paper describes a rare case of bilateral symptomatic iris pigment epithelium (IPE) cysts successfully treated with frequency-doubled Nd:YAG laser photocoagulation.

Methods: Frequency-double Nd:YAG laser (532 nm) was the treatment of choice to rupture the wall (cystotomy), drain the cyst content and shrink the remnants of the pigment epithelium, using laser parameters at the lowest effective levels.

Results: Four primary iris cysts at the pupillary margin were treated with laser photocoagulation. Despite the increase of pigment at anterior chamber angle, no complication was observed during six months of follow up.

Conclusions: This is the first paper to describe frequency-doubled Nd:YAG laser (532 nm) photocoagulation as a therapeutic option for patients with symptomatic primary IPE cysts at pupillary margin.

Biography

Juan Carlos Luna da Costa has completed his Resident and Fellowship programs from Centro Oftálmico Tarcízio Dias (CENOFT), Brazil. He is currently a Supervisor of Resident Program at CENOFT. He has published several papers in reputed journals.

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