



Ultrasonic biomicroscopy of the anterior segment configuration in acute primary angle closure eyes After transscleral cyclophotocoagulation

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Abstract:

To describe the changes in anterior segment morphology in eyes with acute primary angle closure (APAC) following transscleral cyclophotocoagulation (TCP), using ultrasound biomicroscopy (UBM). Thirteen medically unresponsive APAC eyes (13 patients) were enrolled in this prospective interventional case series. All the patients underwent TCP (20 pulses of 2000 mW during 2000 ms applied to the inferior quadrant). We recorded intraocular pressure (IOP), best corrected visual acuity (BCVA), and complications. We measured before and after TCP the UBM parameters anterior chamber depth (ACD), pupil diameter (PD), angle-opening distance at 500 μm (AOD500), iris thickness at 500 μm (IT500), trabecular-ciliary process distance (TCPD), iris-ciliary process distance (ICPD), maximum ciliary body thickness (CBTmax), and iris



Biography:

Wei Liu has graduated from Tianjin Medical University at 2007. Since then, he has focused his research on the prevention of postoperative fibroblast proliferation of glaucoma surgery and the gene mutation detection of various inherited ocular diseases. He has published over 10 papers in peer reviewed journals internationally and more than 20 papers in peer reviewed Chinese journals

Publications:

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