

学 位 論 文 の 要 旨

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<p>主論文の題名</p> <p>The use of colour Doppler imaging in the diagnosis of retinal detachment</p> <p>主論文の要旨</p> <p>PURPOSE: To evaluate colour Doppler imaging(CDI)for detection of the retinal Detachment(RD). MATERIALS AND METHODS:In 33 consecutive patients with ophthalmoscopically invisible eyes(34 eyes),CDI was performed to detect the presence of RD.</p> <p>The diagnostic criterion for RD was whether or not spectral waveforms were detected in membranous structures with CDI. In all cases,the absence or presence of RD was confirmed by surgery. RESULTS:In 27 of 34 eyes,membranous structures were observed in the vitreous cavity with CDI. In 12 of these 27 eyes,blood flow in those was</p> <p>Detected by CDI. In all of these 12 eyes,RD was confirmed at surgery,and in 14 of the 15 eyes in which blood flow was not detected by CDI,absence of RD was confirmed at surgery.when a diagnosis confirmed by surgery was used as the definitive finding,CDI had a sensitivity of 92.3%,specificity of 100%,positive predictive value of 100%,negative predictive value of 93.3%,and an accuracy in the detection of RD from membranous structures in the vitreous cavity of 96.3%. CONCLUSION:CDI is a noninvasive method useful for the detection of RD from vitreous cavity and/or membrane in the posterior segment.</p>			

(注) 2, 000字以内にまとめて記入すること。