

Vitreoretinal Surgery in Stage 5 ROP

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SYNOPSIS

Progression of Retinopathy of Prematurity (ROP) despite screening and laser treatment still occurs in some children. Once the ROP presents itself in an infant with bilateral stage 5 the vitreoretinal surgeon faces a demanding task. Some cases are candidates for a surgical effort to open up the total traction retinal detachment. The parents should be informed of the estimated 20-30% operating success rate. This film illustrates the surgery of a stage 5 ROP case and its technical difficult steps.