

# Wound leak critical complication post open globe repair

March 4 2015

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(HealthDay)—Postoperative wound leak affects a substantial proportion of eyes following repair of open globe injuries, according to a study published online Feb. 17 in *Clinical & Experimental Ophthalmology*.

George Y.X. Kong, M.B.B.S., Ph.D., from The Royal Victorian Eye and Ear Hospital in East Melbourne, Australia, and colleagues conducted a [retrospective cohort study](#) to examine the clinical outcomes following repair of open globe injuries. Data were included from 267 eyes of 263 patients (82.5 percent male; mean age, 44.8 years). Patients were followed for an average of 6.9 months.

The researchers found that there were 83 globe ruptures, and 182 penetrating and two perforating [eye](#) injuries; 43 of these cases included intraocular foreign body. Poor presenting visual acuity, globe rupture,

retinal detachment, and age  $\geq 50$  years contributed to final visual acuity of

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