



Oxygen: Elixir of Life - and Death

References

Alon T, Hemo I, Itin A, Pe'er J, Stone J, Keshet E. Vascular endothelial growth factor acts as a survival factor for newly formed retinal vessels and has implications for retinopathy of prematurity. *Nat Med.* 1995 Oct;1(10):1024-8. doi: 10.1038/nm1095-1024. PMID: 7489357.

Beck K, Young R, Read S, Harper H, Desireddi J, Harper CA. The severity and associated comorbidities of retinopathy of prematurity among micro-premature infants with birth weights less than 750 grams. *J Neonatal Perinatal Med.* 2019;12(1):41-45. doi: 10.3233/NPM-17158. PMID: 30400108.

Gilbert C. Retinopathy of prematurity: a global perspective of the epidemics, population of babies at risk and implications for control. *Early Hum Dev.* 2008 Feb;84(2):77-82. doi: 10.1016/j.earlhumdev.2007.11.009. Epub 2008 Jan 29. PMID: 18234457.

Gunn DJ, Cartwright DW, Gole GA. Incidence of retinopathy of prematurity in extremely premature infants over an 18-year period. *Clin Exp Ophthalmol.* 2012 Jan-Feb;40(1):93-9. doi: 10.1111/j.1442-9071.2011.02724.x. Epub 2011 Dec 23. PMID: 22044448.

Liu L, Johnson HL, Cousens S, Perin J, Scott S, Let al; Child Health Epidemiology Reference Group of WHO and UNICEF. Global, regional, and national causes of child mortality: an updated systematic analysis for 2010 with time trends since 2000. *Lancet.* 2012 Jun 9;379(9832):2151-61. doi: 10.1016/S0140-6736(12)60560-1. Epub 2012 May 11. Erratum in: *Lancet.* 2012 Oct 13;380(9850):1308. PMID: 22579125.

Pierce EA, Foley ED, Smith LE. Regulation of vascular endothelial growth factor by oxygen in a model of retinopathy of prematurity. *Arch Ophthalmol.* 1996 Oct;114(10):1219-28. doi: 10.1001/archopht.1996.01100140419009. Erratum in: *Arch Ophthalmol* 1997 Mar;115(3):427. PMID: 8859081.

Smith LE. Through the eyes of a child: understanding retinopathy through ROP the Friedenwald lecture. *Invest Ophthalmol Vis Sci.* 2008 Dec;49(12):5177-82. doi: 10.1167/iovs.08-2584. Epub 2008 Aug 15. PMID: 18708611.

Smith LE, Wesolowski E, McLellan A, Kostyk SK, D'Amato R, et al. Oxygen-induced retinopathy in the mouse. *Invest Ophthalmol Vis Sci.* 1994 Jan;35(1):101-11. PMID: 7507904.

SUPPORT Study Group of the Eunice Kennedy Shriver NICHD Neonatal Research Network; Carlo WA, Finer NN, Walsh MC, Rich W, Gantz MG, et al. Target ranges of oxygen saturation in extremely preterm infants. *N Engl J Med.* 2010 May 27;362(21):1959-69. doi: 10.1056/NEJMoa0911781. Epub 2010 May 16. PMID: 20472937; PMCID: PMC2891970.

Venincasa VD, Bugg V, Dvorak J, Ding K, Bhatti F, Siatkowski RM. Temporal Profile of Retinopathy of Prematurity in Extremely Premature Compared to Premature Infants. *J Pediatr Ophthalmol Strabismus.* 2019 Mar 19;56(2):116-123. doi: 10.3928/01913913-20190205-01. PMID: 30889266.

Yucel OE, Eraydin B, Niyaz L, Terzi O. Incidence and risk factors for retinopathy of prematurity in premature, extremely low birth weight and extremely low gestational age infants. *BMC Ophthalmol.* 2022 Sep 13;22(1):367. doi: 10.1186/s12886-022-02591-9. PMID: 36096834; PMCID: PMC9469514.