

# Study examines risk factors for visual impairment among preschool children born extremely preterm

June 11 2012

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Cerebral damage and retinopathy of prematurity appear to be independently associated with visual impairment among preschool children who were born extremely premature, according to a report published Online First by *Archives of Ophthalmology*.

Retinopathy of prematurity (ROP; an eye disease in very [premature infants](#)) is considered the main cause of visual impairment in extremely [preterm children](#), however cerebral damage is also a cause of visual impairment (often referred to as cerebral visual impairment) among extremely preterm children, according to background information in the study.

To examine the importance of cerebral damage and retinopathy of prematurity for visual impairment in preschool children who were born extremely premature, Carina Slidsborg, M.D., from Copenhagen University Hospital, Glostrup Hospital and Rigshospitalet, Denmark, and colleagues conducted a clinical follow-up study of a Danish national cohort of children.

The authors included 178 extremely premature children ([gestational age](#)

Citation: Study examines risk factors for visual impairment among preschool children born extremely preterm (2012, June 11) retrieved 12 March 2023 from <https://medicalxpress.com/news/2012-06-factors-visual-impairment-preschool-children.html>

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