

European Society of Ophthalmology



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Project Abstract

The European Society of Ophthalmology requests a brief abstract of the project that each EuLDP participants has worked on during the program. The compiled abstracts will be included on the SOE website and will be given to incoming EuLDP classes as background material. Please e-mail your abstract to E-mail: secretariat@soevision.org

*Please include the headings if appropriate: **Title, Purpose, Methods, Results and Conclusion***

Title of Project: "Keratoconus screening in Children with Down syndrome, in Stockholm, Sweden"

Purpose: To minimize the delay for keratoconus diagnosis and progression observation in order to treat with crosslinking early in the course of the disease, save vision and minimize the need for cornea transplant

Methods: Corneal topography and corneal assessment by cornea specialist is added to the pre-existing national program for vision follow up in children with Mb Down

Results: In majority of the children the corneal topography is possible to obtain. Early and small changes are more likely to be detected with topography than with the refraction and biomicroscopy only.

Conclusion: Screening for keratoconus among children with Down syndrome is a cost-effective means for saving vision in already functionally challenged young individuals.