

European Society of Ophthalmology



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European Leadership Development Program Class of 2021-2023
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:

Macula-on retinal detachments – is a pre-operative outpatient course advantageous?

Patients with rhegmatogenous retinal detachments may occasionally have to wait from the time of diagnosis to surgery can be performed. In Denmark, vitreoretinal surgery is performed weekdays, and in the event of retinal detachments during weekends or holidays, there is a discrepancy of the pre-operative regime in the Danish vitreoretinal centers. In the capital, patients are admitted to the hospital, whereas patients in the western part of the country wait in their own homes.

This study is a collaboration between the ophthalmological departments in Copenhagen and Aarhus aimed at comparing the rate of progression of rhegmatogenous macula-on retinal detachments in an inpatient versus outpatient regime in cases where immediate acute vitreoretinal surgery is not possible.

The current study focuses on the out-patient regime in Aarhus. Sixty-five patients with macula-on retinal detachments and no previous history of vitreoretinal surgery will be included in this part of the study. Patients will be instructed in the usual quiet regime, receive an Optos retinal photo and wide-field Heidelberg OCT at diagnosis and immediately before surgery. In addition, patients will carry a custom made movement sensor taped to the temple to track head movement during the waiting time. Head movement will be correlated to the possible progression of the retinal detachment.

We hope this study will provide insight into not only progression characteristics of retinal detachments but also provide knowledge of optimal pre-operative care and nationally aligned guidelines.