

Visual function recovery in patients after foveal splitting rhegmatogenous retinal detachment

Published: 27-11-2020

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To investigate visual function recovery after surgery for foveal splitting RRD.

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Retina, choroid and vitreous haemorrhages and vascular disorders
Study type	Observational non invasive

Summary

ID

NL-OMON49512

Source

ToetsingOnline

Brief title

Visual function after foveal splitting retinal detachment

Condition

- Retina, choroid and vitreous haemorrhages and vascular disorders

Synonym

split fovea

Research involving

Human

Sponsors and support

Primary sponsor: Oogziekenhuis Rotterdam

Source(s) of monetary or material Support: Stichting Wetenschappelijk Onderzoek Oogziekenhuis

Intervention

Keyword: rhegmatogenous retinal detachment, split fovea, visual function

Outcome measures

Primary outcome

visual acuity

Secondary outcome

metamorphopsia, aniseikonia, stereopsis, color vision and contrast sensitivity

Study description

Background summary

Although rhegmatogenous retinal detachment (RRD) has a high anatomical repair rate with current vitreoretinal surgery techniques, visual prognosis varies and is significantly better when the fovea is not involved. Hence, fovea-on detachments are repaired urgently to prevent foveal involvement, while fovea-off detachments are treated less urgently. However, when the fovea is partially involved, the visual prognosis and timing of surgery are not clear. Probably because this type of RRD is less common which limits research.

Study objective

To investigate visual function recovery after surgery for foveal splitting RRD.

Study design

Cross-sectional.

Study burden and risks

Inconvenience of the additional tests is minimal, risks are negligible. Extra time for research assessments is estimated to be 2 hours.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Study eye: primary foveal splitting retinal detachment, as demonstrated on preoperative OCT

Exclusion criteria

Redetachment (otherwise, see protocol 4.3)

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	Active
Primary purpose:	Diagnostic

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	21-12-2020
Enrollment:	14
Type:	Actual

Ethics review

Approved WMO	
Date:	27-11-2020
Application type:	First submission
Review commission:	METC Erasmus MC, Universitair Medisch Centrum Rotterdam (Rotterdam)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
CCMO	NL75418.078.20