

# Macula off rhegmatogenous retinal detachment and its functional recovery

<b>Submission date</b> 16/01/2007	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 16/01/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 14/01/2021	<b>Condition category</b> Eye Diseases	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
NL826, NTR839

## Study information

**Scientific Title**  
Macula off rhegmatogenous retinal detachment and its functional recovery

**Study objectives**

Optimum timing of surgery for macula off rhegmatogenous retinal detachment can be determined in more detail by taking both duration and height of macular detachment into account.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Approval received from the local ethics committee (Medisch Ethische Toetsingscommissie Universitair Medisch Centrum Groningen [METc UMCG]) on the 11th July 2006 (ref: 12551).

**Study design**

Non-randomised prospective observational study

**Primary study design**

Observational

**Study type(s)**

Treatment

**Health condition(s) or problem(s) studied**

Rhegmatogenous retinal detachment

**Interventions**

Vitreoretinal surgery according to current practice guidelines.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

1. Visual acuity in relation to duration and height of macular detachment
2. Individual parameters relating to visual function, subjective contentness and morphology of the macula in relation to each other, duration and height of macular detachment

Primary study group:

Pre-operative and postoperative at one, three, six and 12 months.

Secondary study group:

Pre-operative and one year after the latest vitreoretinal surgery.

**Key secondary outcome(s)**

1. Correlation between height macular detachment measured by ultrasonography and by optical coherence tomography
2. Relationship between subjective contentness in the primary and secondary study groups

**Completion date**

31/12/2011

# Eligibility

## Key inclusion criteria

Primary study group:

1. Rhegmatogenous retinal detachment with macula off during one day to six weeks
2. Retinal reattachment after one surgical intervention
3. No redetachment during the study period (one year)

Secondary study group:

Same as primary study group, but more than one vitreoretinal surgical procedure is needed to obtain retinal attachment.

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Not Specified

## Sex

Not Specified

## Total final enrolment

45

## Key exclusion criteria

1. Pre-existent ocular pathology in the study or fellow eye that significantly influences visual acuity
2. History of retinal detachment in the study or fellow eye

## Date of first enrolment

01/02/2007

## Date of final enrolment

31/12/2011

# Locations

## Countries of recruitment

Netherlands

## Study participating centre

**University Medical Center Groningen (UMCG)**

Groningen  
Netherlands

## Sponsor information

### Organisation

University Medical Center Groningen (UMCG) (The Netherlands)

### ROR

<https://ror.org/03cv38k47>

## Funder(s)

### Funder type

Research organisation

### Funder Name

Dutch Foundation of Ophthalmologic Research (Stichting Nederlands Oogheelkundig Onderzoek) (The Netherlands)

## Results and Publications

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	13/06/2014	14/01/2021	Yes	No