

Comparison of the effectiveness and tolerability of different doses of intravenous glucocorticoid for the treatment of moderately severe Graves' ophthalmopathy - EUGOGO study C

Submission date 14/02/2006	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 14/02/2006	Overall study status Completed	☐ Protocol
Last Edited 04/08/2008	Condition category Nutritional, Metabolic, Endocrine	☐ Statistical analysis plan
		☐ Results
		☐ Individual participant data
		☐ Record updated in last year

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
MEC 05/101; NTR525

Study information

Scientific Title

Acronym

EUGOGO study C

Study objectives

The hypothesis is that cumulative doses of 2.5, 5.0 or 7.5 g methylprednisolone infusions are equally effective in moderately severe Graves' ophthalmopathy, but that the doses differ in the number and severity of side effects.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval received from the local ethics committee

Study design

Multicentre, randomised, double blinded, active controlled, parallel group trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Moderately severe Graves' orbitopathy

Interventions

Treatment with weekly methylprednisolone intravenous (iv) infusions, total dose 2.5, 5.0 or 7.5 g for 12 weeks.

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Methylprednisolone

Primary outcome(s)

1. Efficacy: improvement in:

1.1. Lid aperture of at least 3 mm

1.2. Two or more degrees of class 2 signs

1.3. Proptosis by at least 2 mm

1.4. Any duction by at least 8 degrees or improvement in diplopia score

- 1.5. CAS by at least 2 points
- 1.6. Improvement of 6 or more points on the GO-QOL scales
2. Safety: safety score (2 points to each major side effect and 1 point to each minor side effect)

Key secondary outcome(s)

No secondary outcome measures

Completion date

01/10/2008

Eligibility

Key inclusion criteria

1. Graves' hyperthyroidism, euthyroid for at least two months by antithyroid drugs or surgery (at least 6 months if I131 is used)
2. Moderately severe Graves' ophthalmopathy defined as having at least one of the following signs:
 - 2.1. Class 2b-c
 - 2.2. Mono-ocular duction less than 30 degrees
 - 2.3. Diplopia Gorman score grade a-c
3. Active Graves' ophthalmopathy (Clinical Activity Score [CAS] 3 or higher out of 7)
4. No past treatment of the ophthalmopathy except for local measures
5. Aged 18 - 70 years

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

1. CAS less than 3
2. Clinically relevant optic nerve involvement
3. General contra-indications to glucocorticoid infusions
4. Pregnancy
5. No informed consent
6. Viral hepatitis
7. Liver enzymes increased by a factor of 2

Date of first enrolment

21/09/2005

Date of final enrolment

01/10/2008

Locations

Countries of recruitment

Netherlands

Study participating centre

Academic Medical Centre

Amsterdam

Netherlands

1105 AZ

Sponsor information

Organisation

Academic Medical Centre (AMC) (The Netherlands)

ROR

<https://ror.org/03t4gr691>

Funder(s)

Funder type

Other

Funder Name

Expenses are being covered by the individual participating hospitals (The Netherlands)

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary**

Not provided at time of registration