ISRCTN97376902 https://doi.org/10.1186/ISRCTN97376902

The anal fistula PLUG versus the mucosal flap advancement for the treatment of perianal fistulas

Submission date	Recruitment status	[_] Prospectively registered
16/07/2007	No longer recruiting	[X] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
16/07/2007	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
31/12/2020	Digestive System	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title
The anal fistula PLUG versus the mucosal flap advancement for the treatment of perianal fistulas

Acronym
PLUG

Study objectives
The anal fistula plug is superior in the treatment of high transphincteric fistulas compared to the mucosal advancement flap.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Approval received from the Medical Ethics Committee AMC, Amsterdam on the 23rd August 2006 (ref: MEC 06/204).

Primary study design
Interventional

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

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Perianal fistula

Interventions
installation of the anal fistula plug versus mucosal flap.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Anorectal fistula closure rate
2. Continence

Key secondary outcome(s)
1. Morbidity
2. Post-operative pain
3. Sick leave
4. Quality of life

Completion date
01/10/2007

Eligibility

Key inclusion criteria

1.High anorectal fistula of cryptoglandular origin (transphincteric, upper 2/3 of the sphincter complex which is confined by the puborectal sling and the end of the anal canal)
2. Informed consent

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
Not Specified

Total final enrolment
60

Key exclusion criteria
1. Aged less than 18 years
2. Human Immunodeficiency Virus (HIV)-positive
3. Crohn's disease
4. Malignant cause
5. Tuberculosis
6. Hidradenitis suppurativa
7. Pilonidal sinus disease
8. No internal opening found during surgery

Date of first enrolment
01/10/2006

Date of final enrolment
01/10/2007

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
Hospital/treatment centre

Funder Name
Academic Medical Centre (AMC) (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?
Results article	results	01/04/2011	31/12/2020	Yes	No
Protocol article	protocol	23/06/2008	31/12/2020	Yes	No