

PerClot compared to usual care in gynaecology

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| Submission date | Recruitment status | <input checked="" type="checkbox"/> Prospectively registered |
| 03/07/2015 | No longer recruiting | <input type="checkbox"/> Protocol |
| Registration date | Overall study status | <input type="checkbox"/> Statistical analysis plan |
| 15/07/2015 | Completed | <input type="checkbox"/> Results |
| Last Edited | Condition category | <input type="checkbox"/> Individual participant data |
| 22/01/2018 | Surgery | <input type="checkbox"/> Record updated in last year |

Plain English summary of protocol

Background and study aims

PerClot is a product that has been developed to control bleeding during surgical procedures or following traumatic injuries. The overall objective of this clinical study is to collect clinical data to demonstrate the safety and effectiveness of PerClot compared to usual care when used during gynecological procedures.

Who can participate?

Women (over 18) having a gynaecological procedure.

What does the study involve?

Half the patients are randomised to receive PerClot. The other half of the patients are randomised to be given usual care which will be whatever treatment the surgeon wishes to use. The time taken for the bleeding to stop is assessed as is whether or not further measures to stop any bleeding that reoccurs after surgery is needed, whether any infection occurs and whether there are any adverse effects to the treatment.

What are the possible benefits and risks of participating?

As this is a post market study on a product already used, there are no associated risks.

Where is the study run from?

Gemelli Hospital, Rome (Italy) and Belvitge Hospital, Barcelona (Spain)

When is the study starting and how long is it expected to run for?

March 2015 to January 2018

Who is funding the study?

CryoLife Europa (UK)

Who is the main contact?

Mrs Kerry McElhinney

mcelhinney.kerry@cryolife.com

Contact information

Type(s)

Scientific

Contact name

Mrs Kerry McElhinney

Contact details

Bramley House
The Guildway
Old Portsmouth Road
Guildford
United Kingdom
GU31LR
+44 (0)7551 154873
mcelhinney.kerry@cryolife.com

Additional identifiers

Protocol serial number

PCT1501.000-C

Study information

Scientific Title

A prospective, multicentre, randomized, safety and effectiveness study of PerClot compared to usual care during gynaecology procedures

Study objectives

To demonstrate the safety and effectiveness of PerClot compared to usual care when used during gynaecology procedures

Ethics approval required

Old ethics approval format

Ethics approval(s)

1. Technical and Scientific Ethics Committee, A Gemelli Catholic University of the Sacred Heart, 12/10/2015, Ref 0007342/15
2. Comite Etico de Investigacion Clinica, Hospital Universitari Bellvitge, 15/04/2015, Ref: AC096/15

Study design

Randomized multicentre trial

Primary study design

Interventional

Study type(s)

Diagnostic

Health condition(s) or problem(s) studied

Gynaecology surgical procedures

Interventions

Half the patients will be randomised to receive PerClot. The dose will be dependent on the surface area and will usually be 3G or 5G. The other half of the patients will be randomised to receive usual care which will be whatever other haemostat the surgeon wishes to use i.e Floseal, tisseal etc. If they do not use another haemostat to achieve haemostasis then diathermy may be used as an alternative. Randomisation will be either IWRS (interactive web response system) or IVRS (interactive voice response system).

Intervention Type

Device

Primary outcome(s)

Achievement of haemostasis measured in minutes

Key secondary outcome(s)

Absence of reintervention for post operative bleeding

Completion date

31/01/2018

Eligibility

Key inclusion criteria

1. Subject is over 18
2. Subject is having a gynaecological procedure
3. Subject is willing and able to comply with the protocol
4. Subject is willing and able to give informed consent

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

Female

Key exclusion criteria

1. Subject with a history of pelvic or abdominal radiotherapy (within 8 weeks of surgery)
2. Subject is pregnant or actively breastfeeding
3. Subject has a ruptured ectopic pregnancy
4. Subject has a history of abnormal coagulopathy

5. Subject has a sensitivity to starch or starch derived materials
6. Subject has an active or potential infection at the surgical site
7. Subject is currently enrolled in another study

Date of first enrolment

01/10/2015

Date of final enrolment

21/07/2017

Locations

Countries of recruitment

Italy

Spain

Study participating centre

Gemelli Hospital

Rome

Italy

00168

Study participating centre

Belvitge Hospital

Feixa Llarga, s/n

Barcelona

Spain

08907

Sponsor information

Organisation

CryoLife Europa (UK)

ROR

<https://ror.org/05972na11>

Funder(s)

Funder type

Industry

Funder Name

CryoLife Europa (UK)

Results and Publications

Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are/will be available upon request from Kerry McElhinney at mcelhinney.kerry@cryolife.com

IPD sharing plan summary

Available on request

Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|--|-------------------------------|--------------|------------|----------------|-----------------|
| <u>Participant information sheet</u> | Participant information sheet | 11/11/2025 | 11/11/2025 | No | Yes |