

Cold versus hot snare polypectomy in post polypectomy bleeding in small colonic polyps

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| Submission date 26/12/2010 | Recruitment status No longer recruiting | <input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol |
| Registration date 06/05/2011 | Overall study status Completed | <input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results |
| Last Edited 06/05/2011 | Condition category Digestive System | <input type="checkbox"/> Individual participant data <input type="checkbox"/> 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
N/A

Study information

Scientific Title

A prospective, randomised comparison of cold versus hot snare polypectomy in the occurrence of post polypectomy bleeding in small colonic polyps

Study objectives

The aim of our study is to compare cold snare polypectomy (CSP) with hot snare polypectomy (HSP) in the occurrence of postpolypectomy bleeding in small colonic polyps with size 3 - 8 mm.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Benizelion General Hospital Ethics Committee approved on the 17th December 2010 (ref: 16903)

Study design

Randomised controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Treatment

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Colonic polyps

Interventions

Colonoscopic polypectomy

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

1. Post polypectomy bleeding
2. All patients were contacted by telephone 12 hours, 2 days and 1 month after procedure and

were asked about pain, abdominal tenderness, fever and bleeding

3. In the HSP group, small polyps were removed as a single piece with a standard electrosurgical snare (Sensation Polypectomy Snare 13mm, Microvasive, Boston Scientific, Natick, MA) and monopolar coagulation current, using a 120W OLYMPUS HF-120 generator with a setting of 72W in endocut function

4. In the CSP group, the polyp was removed as a single piece with the same electrosurgical snare. According to expert opinion[3] 1-to 2mm of normal tissue around the small polyp were ensnared in the CSP group. All colonoscopies were performed with wide-angle (170°), high-resolution videocolonoscopes Olympus (CFH180AL, Tokyo, Japan) with a high-definition 1080-line screen - Olympus (OEV191H, Tokyo, Japan) and video processor Olympus (EVIS EXERA II CV-180, Tokyo, Japan).

5. Bowel preparation was accomplished with a 4L electrolyte solution of polyethylene glycol.

Secondary outcome measures

All patients were contacted by telephone 12 hours, 2 days and 1 month after procedure and were asked about:

1. Pain
2. Abdominal tenderness
3. Fever
4. Bleeding

Overall study start date

19/05/2010

Completion date

13/10/2010

Eligibility

Key inclusion criteria

1. All patients founded with small polyps (3 - 8 mm) during colonoscopy
2. Cold snare group (CSP): male/female: 107/101 with age range: 59,4±13,6
3. Hot snare group (HSP): male/female: 125/81 with age range: 61,3±11,0

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

414

Key exclusion criteria

1. Cases with bleeding tendency (taking anticoagulant therapy, platelet count of less than 100,000/mm³, or prothrombin time more than 30% above the control
2. Cases with inadequate colonic preparation

3. Patients undergoing anticoagulant or antiplatelet therapy were instructed to discontinue the use of these types of medication at least 7 days before the endoscopic procedure

Date of first enrolment

19/05/2010

Date of final enrolment

13/10/2010

Locations

Countries of recruitment

Greece

Study participating centre

Benizelion General Hospital

Heraklion, Crete

Greece

71409

Sponsor information

Organisation

Benizelion General Hospital (Greece)

Sponsor details

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Sponsor type

Hospital/treatment centre

ROR

<https://ror.org/043889z90>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Benizelion General Hospital (Greece)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date**Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration