

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

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<b>Registration date</b> 06/05/2011	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 06/05/2011	<b>Condition category</b> 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

**Contact name**  
Dr Gregorios Paspatis

**Contact details**  
Benizelion General Hospital  
Gastroenterology Department  
Knossou Avenue  
Heraklion, Crete  
Greece  
71409  
paspati@admin.teiher.gr

## Additional identifiers

### 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

**Study type(s)**

Treatment

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

Colonic polyps

**Interventions**

Colonoscopic polypectomy

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

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 electro-surgical 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 electro-surgical 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.

**Key secondary outcome(s)**

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

**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

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

1. Cases with bleeding tendency (taking anticoagulant therapy, platelet count of less than 100,000/mm<sup>3</sup>, 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)

## ROR

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

# Funder(s)

## Funder type

Hospital/treatment centre

## Funder Name

Benizelion General Hospital (Greece)

# Results and Publications

## Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration