

Comparison of standard versus high definition colonoscopy for polyp detection

Submission date 28/07/2009	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 04/09/2009	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 04/09/2009	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

Protocol serial number
N/A

Study information

Scientific Title
Comparison of standard versus high definition colonoscopy for polyp detection: a randomised controlled trial

Study objectives

We sought to compare the performance of colonoscopy using a high definition (HD), wide-angle endoscope versus a standard colonoscope (SC) for the detection of polyps.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics Committee of the Benizelion General Hospital approved in July 2009

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Colorectal polyps, colonoscopy

Interventions

In the SC group, a standard-resolution, standard-angle (140°) videocolonoscopy - Olympus (Tokyo, Japan) was used with a high-definition 1080-line screen - Olympus (OEV191H, Tokyo, Japan).

In the HD group, colonoscopy was performed with a wide-angle (170°), high-resolution videocolonoscopy - Olympus (CFH180AL, Tokyo, Japan) with the same HD screen.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Performance of the colonoscopy, measured 10/10/2008.

Key secondary outcome(s)

Detection of small polyps (less than or equal to 5 mm), measured 10/10/2009.

Completion date

10/10/2008

Eligibility**Key inclusion criteria**

Patients were eligible if they were aged 50 years and older, either sex

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Polyposis syndromes
2. Hereditary nonpolyposis colorectal cancer (CRC)
3. Previous surgical resection of the colon or rectum
4. Active anticoagulation
5. Inflammatory bowel disease

Date of first enrolment

07/05/2008

Date of final enrolment

10/10/2008

Locations**Countries of recruitment**

Greece

Study participating centre

Benizelion General Hospital

Heraklion

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

Study outputs

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