

# Implementation of optical diagnosis for diminutive polyps amongst accredited endoscopists for the Dutch bowel cancer screening program: training and long-term quality assurance.

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1) Whether endoscopists are able to learn optical diagnosis of colonic polyps using NBI by a validated training and feedback program 2) Whether these endoscopists are able to reach the threshold provided by the PIVI guidelines for predicting the...

|                             |                          |
|-----------------------------|--------------------------|
| <b>Ethische beoordeling</b> | Positief advies          |
| <b>Status</b>               | Werving nog niet gestart |
| <b>Type aanpak</b>          | -                        |
| <b>Onderzoekstype</b>       | Interventie onderzoek    |

## Samenvatting

### ID

NL-OMON24207

### Bron

NTR

### Verkorte titel

DISCOUNT II

### Aandoening

Randomized control trial  
Colonic Polyps/diagnosis\*  
Colorectal Neoplasms/diagnosis\*  
Colonic Polyps/pathology\*  
Colonoscopy\*/economics  
Health care costs  
Sensitivity and Specificity  
Hospitals, community  
Early Detection of Cancer

Eventueel:

Male  
Female  
Adult  
Middle aged

## Ondersteuning

**Primaire sponsor:** AMC

Dutch Maag-Lever-Darm Stichting

**Overige ondersteuning:** Dutch Digestive Funds (MLDS)

## Onderzoeksproduct en/of interventie

## Uitkomstmaten

### Primaire uitkomstmaten

Primary aims <br>

1) Number of training rounds needed to reach clinically acceptable prediction of histology (accuracy > 90%) for colorectal lesions <br>

2) To assess whether qualified endoscopists are able to maintain this performance over a year, and if feedback is of additional value

## Toelichting onderzoek

### Doel van het onderzoek

1) Whether endoscopists are able to learn optical diagnosis of colonic polyps using NBI by a validated training and feedback program

2) Whether these endoscopists are able to reach the threshold provided by the PIVI guidelines for predicting the diagnosis of diminutive lesions

3) Whether regular measurement and feedback of optical diagnosis will be needed to assure the quality of this optical diagnosis strategy.

### Onderzoeksopzet

- 3-monthly feedback with up-to-date accuracy, negative predictive value, sensitivity and specificity on optical diagnosis of diminutive (1-5mm) and small (6-9mm) polyps.

- Overview of NICE/WASP/KUDO optical diagnosis principles

## **Onderzoeksproduct en/of interventie**

Validated training, qualification and 3-monthly feedback

## **Contactpersonen**

### **Publiek**

Academic Medical Center (AMC) <br>  
Department of Gastroenterology and Hepatology <br>  
P.O. Box 22660  
Evelien Dekker  
Meibergdreef 9  
Amsterdam 1105 AZ  
The Netherlands  
+31 (0)20 5664702

### **Wetenschappelijk**

Academic Medical Center (AMC) <br>  
Department of Gastroenterology and Hepatology <br>  
P.O. Box 22660  
Evelien Dekker  
Meibergdreef 9  
Amsterdam 1105 AZ  
The Netherlands  
+31 (0)20 5664702

## **Deelname eisen**

### **Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)**

Patients: all those with polyps who receive a colonoscopy in the context of the Dutch bowel cancer screening program

Endoscopists: all those who are accredited to perform colonoscopies for the nationwide Dutch bowel colorectal cancer screening program

## **Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)**

Patients with inflammatory bowel disease. Patients who had a CRC before.

## **Onderzoeksopzet**

### **Opzet**

|                  |                       |
|------------------|-----------------------|
| Type:            | Interventie onderzoek |
| Onderzoeksmodel: | Parallel              |
| Toewijzing:      | Gerandomiseerd        |
| Blindering:      | Enkelblind            |
| Controle:        | Geneesmiddel          |

### **Deelname**

|                         |                          |
|-------------------------|--------------------------|
| Nederland               |                          |
| Status:                 | Werving nog niet gestart |
| (Verwachte) startdatum: | 01-01-2015               |
| Aantal proefpersonen:   | 30                       |
| Type:                   | Verwachte startdatum     |

## **Ethische beoordeling**

|                 |                  |
|-----------------|------------------|
| Positief advies |                  |
| Datum:          | 05-06-2014       |
| Soort:          | Eerste indiening |

## **Registraties**

## Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

## Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

## In overige registers

| Register       | ID                              |
|----------------|---------------------------------|
| NTR-new        | NL4517                          |
| NTR-old        | NTR4635                         |
| Ander register | METC AMC: W14_099 : MLDS: FP-13 |

## Resultaten