Supplementary material

Title: Adenoma detection rate using narrow band imaging is inferior to high-definition white light colonoscopy in screening and surveillance colonoscopies in daily clinical care: a randomized controlled trial

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Content: supplementary table S1 and supplementary table S2

Supplementary table S1.: Adenoma detection rate, polyp detection rate, number of adenomas per patient and subgroup analysis with regard to investigators experience for “BBPS excellent” group.

| BBPS  | All endoscopists (n= 369) | Experienced endoscopists (n=237) | Non-experienced endoscopists (n=132) |
|-------|--------------------------|---------------------------------|---------------------------------|
|       | Adenoma detection rate   | Polyp detection rate            | Number of adenomas per patient  | Adenoma detection rate |
| HD-WLC| 39.5%                    | 54.6%                           | 0.9                             | 35.8%                  |
|       |                          |                                 |                                 | 46.2%                  |
| 190-NBI| 31.0%                   | 53.3%                           | 0.61                            | 35.0%                  |
|       |                          |                                 |                                 | 23.9%                  |
| P     | 0.102                    | 0.835                           | 0.047                           | 1                      |
|       |                          |                                 |                                 | 0.01                   |

Abbreviations:

BBPS: Boston bowel preparation scale
HD-WLC: high-definition white light colonoscopy
190-NBI: 190-narrow band imaging
Supplementary table S2: Adenoma detection rate, polyp detection rate, number of adenomas per patient and subgroup analysis with regard to investigators experience for “BBPS good” group.

**BBPS good**

|                | All endoscopists (n=104) | Experienced endoscopists (n=70) | Non-experienced endoscopists (n=34) |
|----------------|--------------------------|---------------------------------|------------------------------------|
|                | Adenoma detection rate   | 39.3%                           | 42.9%                              |
|                | Polyp detection rate     | 49.2%                           | 37.5%                              |
|                | Number of adenomas per patient | 0.75                            | 0.162                              |
| HD-WLC         |                          |                                 |                                     |
| 190-NBI        |                          | 20.9%                           | 15.4%                              |
| P              |                          | 0.056                           | 0.299                              |

**Abbreviations:**

**BBPS:** Boston bowel preparation scale  
**HD-WLC:** high-definition white light colonoscopy  
**190-NBI:** 190-narrow band imaging

**Supplementary material legend**

Supplementary table S1: Adenoma detection rate, polyp detection rate, number of adenomas per patient and subgroup analysis with regard to investigators experience for “BBPS excellent” group.

Supplementary table S2: Adenoma detection rate, polyp detection rate, number of adenomas per patient and subgroup analysis with regard to investigators experience for “BBPS good” group.