

WEO
World Endoscopy
Organization

SCREESCO SCREEning of Swedish COLons

Rolf Hultcrantz
Johannes Blom

World Endoscopy Organization
Colorectal Cancer Screening Committee
Expert Working Group 'FIT for Screening'

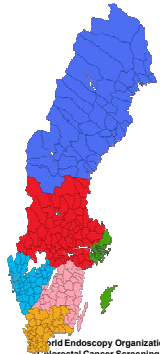
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Sweden

Divided into 21 counties

7.5 millions live outside
Stockholm

18 counties participate



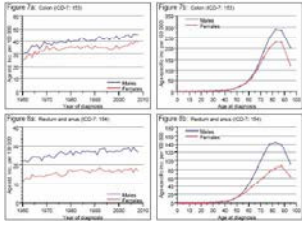
SCREESCO PRÖVARMÖTE 13-11-18

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Colorectal cancer in Sweden

- 9.5 million inhabitants in Sweden
- 6000 cases/year
- Incidence W: 25.2, M: 31.9
- 58% 5-year survival.



2014-05-29 Rolf Hultcrantz

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Colorectal cancer in Sweden

We do not have screening in
Sweden outside Stockholm.

Stockholm started in 2008. F-Hb + colonoscopy

We had a meeting in 2011 with the National
board of health and welfare and the Ministry
for health and social affairs, which resulted in
that I was assigned to design a study

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What the study should address

- If CRC screening reduces mortality and incidence
- Which method ?
- Compliance
- Participants/non-participants experience
- Health economy
- We should have a control group

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SCREESCO

- 1. One time colonoscopy : 20 000
- 2. FIT, high sensitivity (10%) year 1 and 3. 60 000
- 3. Controls 120 000

- Inclusion criteria: Inhab in one of the 18 counties, 59-62 years
- Exclusion criteria: Prior CRC, Total proctocolectomy

- 15- year follow-up, interim-endpoints
- Mortality and incidence. Follow-up through registries.
- Compliance, participants experience, health economy

- We expect to perform 17 000 colonoscopies

SCREESCO SVENSKA TARMÅNCANCER SCREENINGSTUDIEN REGIONALT CANCERCENTRUM UPPSALA & ÖREBRO

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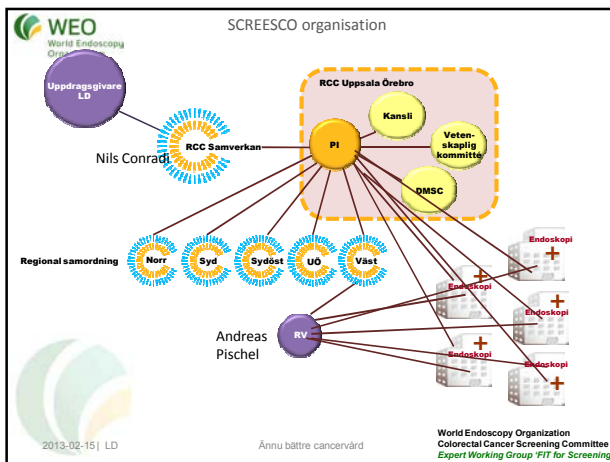
How do we do it?

- Screening central, invitations, monitoring, data collection, quality controls
- Central lab for FIT analysis
- 32 Screening centra for colonoscopy

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Genomförande

- Economy: 18 counties pay according to the size of their population
- Ethical approval.
- Colonoscopy committees with representation from each county.
- All costs for colonoscopies stay within the county



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1. Direktkoloskopi

INBJUDAN BROSCHYR
Fil med ID till endoskopin (2 v fördröjning)
Endoskopi skickar brev direkt med tid inom 8 veckor. Försättsblad från SCREESCO
Personen ombeds ringa för att tiden skall gälla + få laxering (hälsöformulär per telefon)
1 påminnelse från systemet – efter 8 veckor om ej kontakt (stys av etablerad kontakt)
1 påminnelse från endoskopin (fått laxering)

NEGATIV Studien slut
KOLOSKOPI
•IC (läkare)
•LIVSSTILS - FORMULÄR
•DNA - blodprov
FYND (cancer, polyp) Till respektive vårdprogram Studien slut

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2. FIT

INBJUDAN BROSCHYR 2 FIT RÖR SVARSKUVERT
Fil med positiva FIT ID till endoskopin
Endoskopi kallar direkt, tid inom 4 veckor, försättsblad från SCREESCO
Personen ombeds ringa för att tiden skall gälla + få laxering (hälsöformulär per telefon)
Påminnelse från IT systemet efter 8 veckor om FIT ej inkommer till labb
Efter analys till Biobank
Brevsvar inom 4 v
NEGATIV (ej cancer eller polyp). Nytt FIT om 2 år
KOLOSKOPI
• Samtycke (läkare)
• Livsstils - formulär
• DNA blodprov
FYND (cancer, polyp) Till respektive vårdprogram Ej nytt FIT utskick

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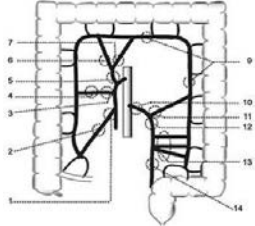
3817 colonoscopies around Gothenburg (5 participating hospitals)

% of population	Number of inhabitants	Year 1	Year 2	Year 3	Year 4	Year 5
22,2%	1 570 000	1006	1006	1273	266	266
FIT- Colo		266	266	533	266	266
Colo		740	740	740	0	0

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Computer support in SCREESCO



- <http://www.screesco.lul.sjunct.org/Kolorektal>
- Inlogg med SITHS-kort
- Manual

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BIRKENÅSÅSTADEN

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Biobanking of DNA blood taken during colonoscopy Faecal DNA from FIT test



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