



# International Cancer Screening Network Conference 2019

Screening in balance

## FINAL PROGRAM

3 - 5 June 2019 | Rotterdam, the Netherlands



De Doelen ICC Rotterdam  
Willem Burger Kwartier  
Kruisplein 40  
3012 CC Rotterdam  
The Netherlands



Center for Global Health

Organized by Public Health,  
Erasmus MC & Global Health, NCI

**09.00 am – 04:00 pm** **Registration**

**09.00 am – 04:00 pm** **Posters set-up (WEELDE ROOM)**

**10.00 am – 11.30 am** **Concurrent sessions 1 – open working groups:**

- **Open working group: Auditing the effectiveness of cervical cancer screening in High Income Countries (HIC) & toolkit for Low and Middle Income Countries (LMIC)**  
(Chairs Alex Castanon / Mona Saraiya) (RUYS ROOM)
- **Open working group: Longitudinal adherence to FIT screening**  
(Chairs Paul Doria-Rose / Carlo Senore) (WILLEM BURGER ROOM)
- **Open working group: Assessment of International Mammography Screening Skills**  
(Chairs Mireille Broeders / Bonnie Yankaskas / Robert Smith)  
(VORM ROOM)

**11.30 am – 12.45 pm** **Visit Posters & Lunch**

**12.45 pm – 2.15 pm** **Concurrent sessions 2 – workshops:**

- **Open interactive workshop on overdiagnosis in breast cancer screening**  
(Chairs Elsebeth Lynge / Jean-Luc Bulliard) (VORM ROOM)
- Introduction
- What not to do, when estimating overdiagnosis in breast cancer screening (Njor)
- Breast cancer overdiagnosis rates and other unobservable outcomes in population subgroups: estimates from simulation modelling (Procoppio)
- Overdiagnosis in the population-based organized breast cancer screening program estimated by a non-homogeneous multi-state model: a cohort study using individual data with long term follow-up (Wu)
- Overdiagnosis: a conundrum to dismiss (Segnan)
- Q&A



- **Open interactive workshop on Individualized screening for colorectal cancer**

(Chairs Linda Rabeneck / Antonio Ponti) (WILLEM BURGER ROOM)

- Introduction
- Testing the impact of providing both faecal and blood test options on participation in colorectal cancer screening (Symonds)
- Faecal haemoglobin concentration among subjects with negative FIT results is associated with the detection rate of neoplasia at subsequent rounds (Senore)
- Risk-based Prediction Model with Fecal Hemoglobin Concentration, Conventional Risk Factors, and Genetic Markers for Personalized Colorectal Cancer Screening (Chen)
- Faecal immunochemical test, flexible sigmoidoscopy, colonoscopy or no screening for colorectal cancer individualized by sex, age and CRC risk: a microsimulation modelling study (Buskermolen)
- Q&A

- **Open interactive workshop on Health Technology Assessment**

(Chairs Iris Lansdorp-Vogelaar / James O'Mahony) (RUYS ROOM)

- Introduction
- Cost-effectiveness of colorectal cancer screening in a low incidence country: The example of Saudi-Arabia (Naber)
- Down Staging and Less Expenditure Preliminarily Observed in A Lung Cancer Screening Cohort in China (Ren)
- Priority Setting in Scaled-up Cancer Screening in China: An Integrated Systematic Review of Economic Evaluation Evidences (Shi)
- Ten Ways to Enhance the Estimation, Reporting & Interpretation of the Cost-Effectiveness of Cancer Screening Interventions (O'Mahony)
- Q&A

2.15 pm – 2.45 pm

**Break**

- 2.45 pm – 3.00 pm**      **Opening remarks** (WILLEM BURGER ROOM)
- 3.00 pm – 5.30 pm**      **Plenary session 1: Impact of screening policies** (Submitted abstracts)  
(Chairs Stephen Taplin / Harry de Koning) (WILLEM BURGER ROOM)
- Concurrent participation in organised screening for breast, bowel and cervical cancer (Rebolj)
  - Evaluating screening participation, follow-up and outcomes for breast, cervical and colorectal cancer in the PROSPR consortium (Barlow)
  - Longitudinal adherence to Immunochemical fecal occult blood testing vs guaiac-based FOBT in an organized colorectal cancer screening program (Garcia)
  - A Centralized Mailed Program with Stepped Support and Adherence to Colorectal Cancer Screening over 9 Years: A Randomized Controlled Trial (Green)
  - False positive FIT test – impact on return to screening in subsequent round; BowelScreen, the National Bowel Screening Programme in Ireland (Fitzpatrick)
- **WILLEM BURGER FOYER - refreshments**
- Is active surveillance of early prostate cancer stages necessarily beneficial? – Predictions of the ONCOTYROL PCOP model (Muhlberger)
  - Development and validation of microsimulation models for predicting colorectal cancer screening benefits in Europe (Gini)
  - Potential for prevention: A cohort study of colonoscopies and adenomas in a FIT-based colorectal cancer screening program (Larsen)
  - Impacts of Fecal Immunochemical Test Screening on Mortality from Site-Specific Colorectal Cancer (Chiu)
- 5.30 pm – 6.15 pm**      **Plenary debate 1: ICSN Future** (Panel discussion)  
(Chairs Stephen Taplin / Douglas Puricelli Perin / Amanda Vogel)  
(WILLEM BURGER ROOM)
- 6.30 pm – 8.00 pm**      **Reception with drinks at Rotterdam Town Hall & Recognition of the scholarships**



**08.00 am – 11.00 am**     **Registration**

**08.00 am – 11.00 am**     **Posters set-up (WEELDE ROOM)**

**08.30 am – 9.30 am**     **Welcome and Keynote presentations “Imaging or blood”**  
(Chairs Harry de Koning / Stephen Taplin) (WILLEM BURGER ROOM)

- **Welcome**

Ernst Kuipers. Chairman of the Board of Directors, Erasmus MC

- **Artificial Intelligence**

Wiro Niessen

- **Liquid Biopsies**

Caroline Dive

**9.30 am – 10.00 am**     **Break**

**10.00 am – 11.30 am**     **Plenary Session 2: Novel strategies in screening**

(Chairs Harry de Koning / Stephen Taplin)

(WILLEM BURGER ROOM)

- First-void urine: an option for non-invasive one-step screen and triage in cervical cancer prevention (Van Keer)
- Development of a Model for Identifying Individuals at Risk for Severe Dysplasia or Esophageal Cancer for Chinese Population (Li)
- Prevalence of Human Papillomavirus in young screened women (Thamsborg)
- Optimizing FIT screening by using different cut-off values for different age groups and sex (Njor)
- Breast Cancer Screening with comparing Tomosynthesis to Mammography: A Systematic Review (Wang)
- Cost-effectiveness of tomosynthesis in population-based breast cancer screening: a probabilistic sensitivity analysis (Sankatsing)

**11.30 am – 12.45 pm**     **Posters & Lunch**

12.45 pm – 2.00 pm

**Concurrent Sessions 3:**

• **Cancer screening in low- and middle income countries**  
(Chairs Stephen Taplin / David Weller) (VORM ROOM)

- Use of thermo-coagulation within a 'screen and treat' cervical cancer screening programme in Malawi –outcomes at one year, professional perspectives, and client experience (Campbell)
- Trends in cervical and breast cancer mortality rates in rural Vellore, south India, from a pilot program of population-based cancer screening (Oommen)
- Global elimination of cervical cancer: estimates from mathematical models (Burger)

• **Lung cancer screening**

(Chairs David Baldwin /Harry de Koning) (RUYS ROOM)

- Life-gained-based versus risk-based selection of smokers for lung-cancer screening (Katki)
- A simple tool to prioritize U.S. ever-smokers for CT screening eligibility assessment (Robbins)
- Poor performance of lung cancer risk models among smokers with 30 pack-years in the US: Implications for using risk-models to select smokers for lung-cancer screening (Landy)
- A cost-effectiveness analysis of lung cancer prevention strategies at population level combining smoking cessation interventions and early detection with low-dose computed tomography in Spain (Vidal)
- Missing the train: The potential high impact of joint screening and cessation programs in the US that we are likely to miss due to low screening uptake rates (Meza)

• **Controversial issues in screening**

(Chairs Elsebeth Lynge / Robert Smith) (WILLEM BURGER ROOM)

- Effectiveness of population-based mammography screening for women aged 70-74 years in Sweden (Mao)
- Trends in background lung cancer incidence and screening



eligibility affect overdiagnosis estimates (Blom)

- Are screen-detected ductal carcinoma in situ associated with invasive interval breast cancers in the Quebec breast cancer screening program? (Guertin)
- Modeling Over-detection of Population-based Cancer Screening (Lin)
- Post-Colonoscopy Mortality in a FIT-based Colorectal Cancer Screening Program (Kooyker)

2.00 pm – 2.30 pm

**Break**

2.30 pm – 4.00 pm

**Concurrent Sessions 4:**

• **Impact of screening policies and strategies in cervical cancer screening**

(Chairs Mona Saraiya / Jean-Luc Bulliard) (RUYS ROOM)

- Impact of the New German Screening Policy for Cervical Cancer on the Benefit-Harm Balance – A Decision-Analysis (Sroczynski)
- 15 years of organised cervical cancer screening in Slovenia: the past and the future (Ivanus)
- Comparing Disease Detection at 48-month Exit Testing in Women with Negative Cytology and Negative HPV at Baseline in the HPV FOCAL Trial (Coldman)
- Projected impact of human papillomavirus vaccination on cervical screening outcomes (Inturrisi)
- Quantifying the benefit-harm tradeoffs of cervical cancer screening in the United States: a comparative modeling study (Burger)
- Impact of mailed home-based HPV self-sampling kits on screening uptake and cervical pre-cancer detection in underscreened women: results from a US-based pragmatic randomized trial (Buist)

• **Impact of screening policies and strategies in colorectal cancer screening**

(Chairs Linda Rabeneck / Nereo Segnan) (WILLEM BURGER ROOM)

- Why colorectal screening fails to achieve the uptake rates of breast and cervical cancer screening: understanding



- determinants to inform policies and strategies (Robb)
- 1st round, 2nd round and interval cancers after a negative faecal immunochemical test in the first screening round in the Netherlands for two cut-off levels (Kooyker)
- Performance of Faecal Immunochemical Test in cancer screening – colonoscopy outcome in FIT positives and negatives (Ribbing Wilen)
- Opportunities to extend and improve the effectiveness of the Dutch colorectal cancer screening program in 2020 (Buskermolen)
- Can a biomarker triage test reduce colonoscopy burden in fecal immunochemical test screening? (Greuter)
- Evaluating the impact and cost-effectiveness of a mass-media campaign for improving participation in a colorectal cancer screening program in Australia (Lew)

- **Impact of screening policies and strategies in breast cancer screening**

(Mireille Broeders / Paul Doria-Rose) (VORM ROOM)

- Studying impact of mammographic screening: large differences in the proportion of advanced-stage breast cancer irrespective of varying definitions (Munck)
- Impact of Mammographic Features on Inter-screening Interval of Breast Cancer Screening (Chiu)
- Balance of mammography in conjunction with ultrasonography for breast cancer screening according to breast density: Japan Strategic Anti-cancer Randomized Trial, J-START (Ohuchi)
- The influence of DCIS detection on interval cancers in breast cancer screening (Heijnsdijk)
- Zero-Inflated Model for Estimating Overdiagnosis Only Using Survival of Cancer by Detection Mode (Fann)
- Bayesian round-based regression for the evaluation of organized service screening (Hsu)

**4.00 pm – 4.30 pm**

**Plenary Intermezzo** (WILLEM BURGER ROOM)

**4.30 pm – 5.15 pm**

**Plenary Debate 2: From evidence to guidelines to implementation**  
(Chairs Robert Smith / Berit Andersen) (WILLEM BURGER ROOM)





- EVIDENCE: IARC Handbooks of Cancer Prevention (Lauby-Secretan)
- CITIZENS & PROFESSIONALS (De Montgolfier)
- IMPLEMENTATION (Robert Smith / Berit Andersen)

**6.30 pm – 10.30 pm**

**Network & Group Dinner at ss Rotterdam**

(pre-registration and payment required)

With special guest

**08.00 am – 11.00 am**    **Registration**

**08.30 am – 9.30 am**    **Plenary Session 3: Individualized screening**

(Chairs Mireille Broeders / Robert Smith) (WILLEM BURGER ROOM)

- Personalising the stop-age of colorectal cancer screening – the role of comorbidity and screening history (Cenin)
- Screening mammography: benefit of double reading by breast density (Von Euler-Chelpin)
- A Markov Simulation Model for the Evaluation of Risk-Oriented Oral Cancer Screening (Siewchaisakul)
- What is the difference in risk between vaccinated and unvaccinated women against Human Papilloma Virus and the implications in screening policy (Naslazi)

**9.30 am – 10.15 am**

**Plenary Debate 3:**

**Communicating in personalized cancer screening**

(Chairs David Baldwin / Aruna Kamineni) (WILLEM BURGER ROOM)

- Anticipating precision screening (Bossuyt)
- MyPeBS: Personalising Breast Cancer Screening. Managing communication of a clinical trial on breast screening (Di Stefano)
- Challenges of personalized screening implementation (Kamineni/Haas)

**10.15 am – 10.45 am**

**Break**

**10.45 am – 12.35 pm**

**Plenary Session 4: Communicating screening in balance**

(Chairs Livia Giordano / Linda Rabeneck) (WILLEM BURGER ROOM)

- Risk of colorectal cancer and related-mortality following detection and removal of low- and high-risk adenomas (Lee)
- Informed decision-making about prostate cancer screening supported by a leaflet (Heijnsdijk)
- DONNA INFORMATA: a web decision aid tested in a randomized controlled trial in breast cancer screening centers. Preliminary results (Roberto)



- Reasons for non-follow up after a positive screening test in the Dutch colorectal cancer screening program: a qualitative study (Bertels)
- Persistent challenges to reducing overuse of cervical cancer screening in the United States (Rendle)
- Testing for prostate cancer – where is the sweet spot? (De Koning)

**12.35 pm – 1.45 pm**

**Posters & Lunch**

**1.45 pm – 3.30 pm**

**Plenary Session 5: Reaching the hard-to-reach populations**  
(Chairs David Weller / Mona Saraiya) (WILLEM BURGER ROOM)

- Financial Incentives to Increase Colorectal Cancer Screening and Decrease Screening Disparities: A 3-arm Randomized Controlled Trial (Green)
- Delivering cervical cancer screening and follow-up to women with HIV in an integrated safety-net setting (Rodriguez)
- Inequalities in screening and risk factors associated to colorectal cancer in non-participants (Portillo)
- Predictors of modifiable failures to screen for colorectal cancer at appropriate intervals or follow-up on abnormal results (Doubeni)
- Breast cancer screening program participation and socioeconomic deprivation metropolitan France and French West Indies (Rogel)
- Risk stratification of women with positive HPV test on self-taken samples: Results from Slovenian HPV self-sampling study (Jerman)
- HPV self-sampling as a tool to reduce social inequality in cervical cancer screening participation (Tranberg)

**3.30 pm – 4.00 pm**

**Break**

**4.00 pm – 5.15 pm**

**Plenary Session 6: State of the art in research**

(Chairs Iris Lansdorp-Vogelaar / Antonio Ponti)

(WILLEM BURGER ROOM)

- Acceptability and clinical accuracy of HPV testing on self-collected samples for women attending routine cervical screening (Berkhof)
- NordScreen – a platform for presenting cervical cancer screening indicators in the Nordic countries (Partanen)
- SUCCESS; A smoking cessation strategy in cervical screening participants (Mansour)
- Australian National Bowel Cancer Screening Program: the optimal screening age range for Aboriginal and Torres Strait Islander peoples (Lew)
- Introduction to Cancer Screening in 5 continents (CanScreen5)
  - A new initiative from IARC (Lucas)

**5.15–5.30 pm**

**Closure** (Harry de Koning / Stephen Taplin)