



# ICSN2023

**Cancer screening: in the present, the future**

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M. Gandhi

June 21-23, 2023 | **Turin (Italy)**

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# POSTER PRE SENTA TIONS TOURS BY DAY



## POSTER PRESENTATIONS TOURS BY DAY

### POSTER EXHIBITION - SESSION I Thursday June 22, 2023

#### Communication issues (the importance of informed decision-making)

**ICS17897-95** How to best assess acceptability of risk-stratified cancer screening: an overview and adaptation of theoretical frameworks  
Barrufet Cristina\*, Buron Andrea, Sala Maria, Castells Xavier, Epidemiology and Evaluation Department, Hospital del Mar, Barcelona - Spain; Berenguera Anna, University Institute in Primary Care Research Jordi Gol (IDIAP Jordi Gol), Barcelona - Spain; Laza Celmira, Biomedical Research Institut of Lleida (IRBLLEIDA), Lleida - Spain

**ICS17840-83** Impact of a crisis on awareness and knowledge of cervical screening

McCarthy Roisin, O'Connor Mairead, Mooney Therese\*, Gleeson Grainne, Ness Fiona, Mason Mohan Caroline, Fitzpatrick Patricia, Russell Noirin, National Screening Service, 200 Parnell St, Dublin 1, Ireland - Ireland

**ICS17842-85** What influences attendance and non-attendance for cervical screening

McCarthy Roisin, O'Connor Mairead\*, Mooney Therese, Gleeson Grainne, Ness Fiona, Mason Mohan Caroline, Fitzpatrick Patricia, Russell Noirin, National Screening Service, 200 Parnell St, Dublin 1 - Ireland

**ICS17813-83** Understanding of, and attitudes towards bowel cancer screening among the Irish public: implications for communication strategies  
O'Connor Mairead\*, McCarthy Roisin, Mooney Therese, Fitzpatrick Patricia, Coffey Hilary, MacMathuna Padraic, National Screening Service, 200 Parnell St, Dublin 1 - Ireland

**ICS17789-95** Psychometric properties of instruments to measure knowledge in population-based cancer screening of individuals at average risk: a systematic review

Stokholm Rikke Nicoline\*, Andersen Berit, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital and Department of Clinical Medicine, Aarhus University - Denmark; Stenholt Louise, Medical Library, Regional Hospital Central Jutland - Denmark; Lauridsen Henrik Hein, Department of Sports Science and Clinical Biomechanics, University of Southern Denmark - Denmark; Edwards Adrian, Cardiff University School of Medicine, Division of Population Medicine, Wales - United Kingdom; Larsen Mette Bach, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital - Denmark

**ICS17681-86** Benefit-harm analysis for informed decision making on participating in colorectal cancer screening: a modelling study  
Yebo Henock G, Ludwig Maximilian University, IBE, Public Health and Health Services Research, Germany; University of Zurich, Epidemiology, Biostatistics and Prevention Institute - Switzerland; van Wifferen Francine\*, Coupé Veerle M H, Greuter Marjolein J E, Amsterdam UMC location Vrije Universiteit, Epidemiology and Data Science; Amsterdam Public Health, Methodology - Netherlands; Pluymen Linda P M, Leeftang Mariska M G, Amsterdam UMC location University of Amsterdam, Epidemiology and Data Science; Amsterdam Public Health, Methodology - Netherlands; Dekker Evelien, Amsterdam UMC location University of Amsterdam, Gastroenterology and Hepatology - Netherlands; Puhan Milo A, University of Zurich, Epidemiology, Biostatistics and Prevention Institute - Switzerland; Stegeman Inge, Amsterdam UMC location University of Amsterdam, Epidemiology and Data Science; Amsterdam Public Health, Methodology; UMC Utrecht, Otorhinolaryngology and Head & Neck Surgery; UMC Utrecht, Brain Center - Netherlands

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**ICS17729-89** Attitude to breast screening participation after the age of 75: A qualitative exploration of how the guidelines impact older women Wilson Carlene\*, Melbourne School of Population and Global Health, University of Melbourne, Parkville - Australia; Dickson-Swift Virginia, Violet Vines Marshman Centre for Rural Health Research, La Trobe Rural Health School, La Trobe University, Bendigo - Australia; Adams Jo, Spelten Evelien, Violet Vines Marshman Centre for Rural Health Research, La Trobe Rural Health School, La Trobe University, Bendigo. - Australia - Blackberry Irene, John Richards Centre for Rural Ageing Research, La Trobe Rural Health School, La Trobe University, Wodonga, Australia. - Australia; Yuen Eva, Institute for Health Transformation, Deakin University, Burwood. - Australia

**ICS17923-85** Informed Decision Associated with Consecutive Screening with Mammography: Evidence-based Medicine from 1.4 Million Swedish Women

Yen Amy Ming-Fang\*, School of Oral Hygiene, College of Oral Medicine, Taipei Medical University, Taipei - Taiwan; Duffy Stephen, Centre for Prevention, Detection and Diagnosis, Wolfson Institute of Population Health, Queen Mary University of London, London - United Kingdom

Data system (legal framework, experience in data managing, indicators and procedures)

**ICS17885-92** Building Hospital Assisting System for Precision Invitation for FIT-based Colorectal Cancer Screening in Taiwan Using Machine Learning Approach

Chiu Sherry Yueh-Hsia\*, Department of Health Care Management, College of Management at Chang Gung University, Taoyuan - Taiwan; Huang Yi-Wei, Lin Ching-Heng, Center for Artificial Intelligence in Medicine, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan - Taiwan; Wu Chia-Ling, Huang Yu-Tung, Center for Big Data Analytics and Statistics, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan - Taiwan; Lee Shu-Chu, Wang Hung-Ming, Chang Gung Memorial Hospital Linkou Cancer Center, Taoyuan - Taiwan

**ICS17912-83** Slovenian Breast Cancer Screening Programme Guidelines Jarm Katja\*, Kurir Borovcic Mateja, Vrhovec Milos, Kutnar Veronika, Skrbec Vesna, Torkar Katarina, Hertl Kristjana, Institute of Oncology Ljubljana, Ljubljana - Slovenia

**ICS17927-89** The Bias-calibrated Multistate Cox Model for Evaluating Population-based Effectiveness of Cancer Screening with Only Survival Information

Jumparway Donlagon, School of Dentistry, College of Oral Medicine, Taipei Medical University, Taipei - Taiwan - Ming Fang Yen\*, School of Oral Hygiene, College of Oral Medicine, Taipei Medical University, Taipei - Taiwan

**ICS17938-91** Moving Towards Sustainability: implementation and roll-out of cervical cancer 'Screen and Treat' services across rural Malawi

Kabota Beatrice, Chirwa Harriet, Nkhoma Hospital, Nkhoma - Malawi; Chiyaya Angella, Mzuzu Health Centre, Mzuzu - Malawi; Balley Anna, Mlambe Mission Hospital, Blantyre - Malawi; Cubie Heather, Global Health Academy, University of Edinburgh, Edinburgh - United Kingdom; Bruce Isabel, Project Solutions, Edinburgh - United Kingdom; McMullen Wendy, University of Dundee, Dundee - United Kingdom; Deeny Miriam, retired NHS, Glasgow - United Kingdom; Campbell Christine\*, Usher Institute, University of Edinburgh, Edinburgh - United Kingdom

Equity in cancer screening: reaching vulnerable populations

**ICS17779-94** NHS Galleri Trial of Multi-Cancer Early Detection: Design and Equitable Study Recruitment Tactics

A Clarke Dur Christina, Zhang Nan, GRAIL, LLC, a subsidiary of Illumina, Inc., currently held separate from Illumina Inc., under the terms of the Interim Measures Order of the European Commission dated 29 October 2021, Menlo Park, CA - United States; Swanton Charles, University College London, London - United Kingdom; D Neal Richard, University of Exeter, Exeter - United Kingdom; Johnson Peter, NHS England, London - United Kingdom; Kumar Harpal, GRAIL, LLC, a subsidiary of Illumina, Inc., currently held separate from Illumina Inc., under the terms of the Interim Measures Order of the European Commission dated 29 October 2021, London - United Kingdom; Sasieni Peter\*, King's College London, London - United Kingdom

**ICS17925-87** Optimization of the colorectal cancer screening programme in the Czech Republic: Direct mailing of qFIT to patients

Chloupkova Renata\*, Ngo Ondrej, Hejduk Karel, Dusek Ladislav, Majek Ondrej, National Screening Centre, UZIS, Prague; Institute of Biostatistics and Analyses, Faculty of Medicine, Masaryk University, Brno - Czech Republic; Mandelova Lucie, National Screening Centre, UZIS, Prague - Czech Republic - Kocna Petr, Institute of Medical Biochemistry and Laboratory Diagnostics, 1st Faculty of Medicine, Charles University, Prague - Czech Republic; Suchanek Stepan, Zavoral Miroslav, Department of Medicine, 1st Faculty of Medicine, Charles University and Military University Hospital, Prague - Czech Republic - Seifert Bohumil, Institute of General Medicine, 1st Faculty of Medicine, Charles University, Prague - Czech Republic

**ICS17911-82** A microsimulation study using clinical breast examination as a screening modality: reaching the population in India

Chootipongchaivat Sarocha\*, van Ravesteyn Nicolien, de Koning Harry, Erasmus MC, University Medical Center Rotterdam, Rotterdam - Netherlands; Muwonge Richard, Lucas Eric, Basu Partha, International Agency for Research on Cancer, Lyon - France; Kregting Lindy, Radboudumc Radboud Institute for Health Sciences, Nijmegen - Netherlands

**ICS18004-76** The comparison of diagnostic indicators of cervical cancer screening among women accessing through volunteer organizations and those via the organized programme in Turin (Piedmont Region, Northern Italy)

Ferrante Gianluigi\*, Castagno Roberta, Armaroli Paola, Larato Cristina, Giordano Livia, Epidemiology, Screening Unit, CPO AOU Città della Salute e della Scienza of Turin - Italy

**ICS18003-75** CPO-Piemonte as World Health Organization Collaborating Centre for cancer early detection

Giordano Livia\*, Camussi Elisa, Castagno Roberta, Ferrante Gianluigi, Epidemiology, Screening Unit, CPO AOU Città della Salute e della Scienza of Turin - Italy - Anderson Benjamin Olney, World Health Organization (WHO) Headquarters, Geneva - Switzerland

**ICS17931-84** Nothing about me without me: Involving vulnerable women and other stakeholders in the process of creating interventions to increase cervical cancer screening participation among vulnerable women

Boje Rikke Buus, Kirkegaard Pia\*, University Research Clinic for Cancer Screening, Department of Public Health, Randers Regional Hospital, Randers - Denmark; Andersen Berit, University Research Clinic for Cancer Screening, Department of Public Health, Randers Regional Hospital & Department of Clinical Medicine, Aarhus University Hospital - Denmark; Tisler Anna, University of Tartu - Estonia; Mihaylova Raya, Health Psychology Research Center, Sofia - Bulgaria; Teixeira Margarida, Instituto de Saúde Pública, Universidade do Porto - Portugal; Taut Diana, Babes-Bolyai University, Cluj-Napoca - Romania; Auzzi Noemi, ISPRO Toscana, Florence - Italy; Bardou Marc, CIC INSERM 1432, CHU de Dijon & Université de Bourgogne, DIJON, France - France - BIG-SCREEN Consortium CBIG, 5-year EU-funded project - France

**ICS17937-90** Introducing HPV DNA detection by self-sampling kits offered by health mediators in vulnerable population of women who do not attend cervical screening

Mandelova Lucie\*, National Screening Centre, UZIS, Prague - Czech Republic; Chloupkova Renata, Ngo Ondrej, Hejduk Karel, Majek Ondrej, National Screening Centre, UZIS, Prague; Institute of Biostatistics and Analyses, Faculty of Medicine, Masaryk University, Brno - Czech Republic; Nejedla Marie, The National Institute of Public Health, Prague - Czech Republic; Cibula David, Slama Jiri, Department of Obstetrics and Gynaecology, 1st Faculty of Medicine, Charles University, Prague - Czech Republic; Hajdich Marian, Koudelakova Vladimira, Institute of Molecular and Translational Medicine, Faculty of Medicine and Dentistry, Palacky University, Olomouc - Czech Republic

**ICS17902-82** Tomosynthesis and Mammography of Outreach Mobile and Inreach Hospital Organized Service Screening

Min-Rong Yang\*, Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taipei - Taiwan; Chao-Chun Wu, Li-Ju Lin, Health Promotion Administration, Ministry of Health and Welfare, Taipei - Taiwan; King-Jen Chang, Department of Surgery, College of Medicine, National Taiwan University, Taipei - Taiwan; Wendy Yi-Ying Wu, Department of Radiation Sciences, Oncology, Umeå University, Umeå - Sweden

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**ICS17916-87** Breast cancer screening in Bosnia-Erzegovina

Sarajic Spahic Selvedina\*, Begagic Sead, Zenica-Doboj Canton Institute for Public Health and Food Security - Bosnia and Herzegovina; Ponti Antonio, Cancer Prevention Center (CPO-Piemonte) - Italy; Giliberti Luca, RETE ONG - Italy

**ICS17990-89** The Consensus Project: Participation in Cervical Cancer Screening among immigrant and Italian-born women in the first cohorts of girls offered HPV vaccination at age 15-16 in Italy

Visioli Carmen Beatriz\*, Zappa Marco, Clinical Epidemiology and Clinical Governance Support Unit, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Giorgi Rossi Paolo, Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia, Reggio Emilia - Italy; Armaroli Paola, Rizzolo Raffaella, De Marco Laura, Giordano Livia, Camussi Elisa, Cancer Epidemiology Unit and Centre for Cancer Prevention (CPO), City of Health and Science Hospital, Turin - Italy; Iossa Anna, Screening and Secondary Prevention Unit, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Venturino Ezio, Pathological Anatomy Unit, ASL2 Liguria, San Paolo Hospital, Savona - Italy; Del Mistro Annarosa, Immunology and Molecular Oncology Diagnostics, Veneto Institute of Oncology IOV-IRCCS, Padua - Italy; Carozzi Francesca Maria, Bisanzì Simonetta, Regional Laboratory for Cancer Prevention, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Bonelli Luigina Ada, Clinical Epidemiology Unit, IRCCS Ospedale Policlinico San Martino, Genoa - Italy

**ICS17930-83** Referral in the Population-based Breast Cancer Screening Program in Taiwan-Comparison Between Mobile Units and Hospital-based Approach

Wei Shih-Hsiang\*, Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University - Taiwan; Huang Hsiu-Chi, Chen Mei-Ju, Health Promotion Administration, Ministry of Health and Welfare, Taipei - Taiwan

**ICS18017-80** Estimating disability-adjusted life years for colorectal cancer and the impact of screening in populations in China, 2017-2030: an exploratory prevalence-based analysis applying local weights

Wu Yu-Jie\*, Office of Cancer Screening, National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China - China

**ICS18016-79** Estimating disability-adjusted life years for colorectal cancer and the impact of screening in populations in China, 2017-2030 an exploratory prevalence-based analysis applying local weights

Wu Yu-Jie\*, Office of Cancer Screening, National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China - China

**Impact of Covid-19 pandemic on cancer screening: lessons learned and challenges**

**ICS17786-92** Continuing cancer screening during the COVID-19 pandemic in Denmark: How was participation affected during different phases of governmental restrictions?

Olesen Tina Bech, Jensen Henry, Moeller Henrik, Jensen Jens Winther, The Danish Clinical Quality Program - National Clinical Registries (RKKP) - Denmark; Waldstroem Marianne, Department of Pathology, Lillebaelt Hospital - Denmark; Rasmussen Morten, ) Abdominal Center, Bispebjerg Hospital, Copenhagen - Denmark - Vejborg Ilse, Department Breast Examinations, Copenhagen University Hospital, Herlev Gentofte - Denmark - Njor Sisse, Andersen Berit\*, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers - Denmark

**ICS17914-85** Impact of COVID-19 pandemic on short- and long-term adherence of a population based colorectal cancer screening program

Buron Andrea\*, Caralt Clara, Barrufet Cristina, Biarnes Marta, Roman Marta, Macià Francesc, Castells Xavier, IMIM (Hospital del Mar Medical Research Institute), Barcelona - Spain; Grau Jaume, Unit of Evaluation, Support and Prevention, Hospital Clinic, Barcelona - Spain; Castells Antoni, Gastroenterology Department, Hospital Clinic, Barcelona - Spain

**ICS17685-90** Impact of the Covid-19 Pandemic on Cancer Surgery and Cancer Mortality in England

Connor Katie\*, Barclay Lorna, Telstra Health UK - United Kingdom - Hinchliffe Rosie, Cancer Research UK - United Kingdom



**IC17870-86** Road to Recovery: Accelerating innovations to build a more resilient cancer screening system in the COVID-19 era

Brenda Fernandes, Nicolette Baines, Charlena Hally, Kim Tran, Sahar Momin, Erica Dias, Afia Birago, Natalie Fitzgerald, Shari Dworkin\*, Canadian Partnership Against Cancer, Toronto, Canada, Linda Rabeneck, University of Toronto, Toronto, Canada, Erika Nicholson, Canadian Partnership Against Cancer, Toronto, Canada

**IC17236-82** Options for Colorectal Cancer Screening

Li Shuping Joy\*, Seedher Tara, Gabe Rhian, Duffy Stephen W, Wolfson Institute of Population Health, Queen Mary Uni of London - United Kingdom - Sharples Linda D, London School of Hygiene and Tropical Medicine - United Kingdom - Benton Sally C, NHS Bowel Cancer Screening Programme Southern Hub - United Kingdom - Mathews Christopher, Sasieni Peter, School of Cancer and Pharmaceutical Sciences, King's College London - United Kingdom

**IC17785-91** Impact and resilience on cancer screening service during COVID-19 pandemic in Taiwan

Wu Wu-Hsiu, Lu Ya-Chi, Liu Ying-Chieh, Lu Yuan-Ting, Lin Jo-Han, Lin Li-Ju\*, Hsieh Pei-Chun, Hsu Tsui-Hsia, Wei Shi-Lun, Wu Chao-Chun, Health Promotion Administration, Ministry of Health and Welfare, Taipei - Taiwan

**IC17812-82** The Impact of Delayed Screening Colonoscopies during the COVID-19 Pandemic on Clinical Outcomes.

Mooney Therese\*, Kennedy Rachel, Coffey Hilary, Sheedy Mary, National Screening Service, Dublin - Ireland - Fitzpatrick Patricia, National Screening Service, Dublin. University College Dublin, School of Public Health Physiotherapy and Sports Science, Belfield Dublin 4 - Ireland; Mac Mathuna Padraic, National Screening Service, Dublin. Mater Misericordiae University Hospital, Eccles St, Dublin 7. - Ireland

**IC17874-90** The impact of the COVID-19 pandemic on population-based breast screening in Ireland

O'Driscoll Jessica\*, Bennett Kathleen E, Mullolly Maeve, School of Population Health, RCSI University of Medicine and Health Sciences, Dublin - Ireland - Mooney Therese, Kearney Paul, Williams Yvonne, Lynch Suzanne, Connors Alissa, Larke Aideen, McNally Sorcha, O'Doherty Ann, Murphy Laura, Fitzpatrick Patricia, Flanagan Fidelma, BreastCheck, National Screening Service, Dublin - Ireland

**IC17758-91** Experience from HPV self-sampling as part of a population based cervical cancer screening program in the region the Region of Stockholm, Sweden

Ohman Daniel\*, Roos Nathalie, Vikström Malin, Lannervall Katarina, Elfström Miriam, Dillner Joakim, Stockholm - Sweden

**IC17733-84** Impact of Covid-19 pandemic on national organized HPV-based cervical cancer screening in Montenegro: Lessons learned and challenges

Samaradzic Ivana\*, Vujovic Adrijana, Stanisic Milica, Nikcevic Kovacevic Ivana, Vukovic-Lekovic Jovana, Galic Igor, Institute for Public Health of Montenegro, Podgorica - Montenegro

**IC17818-88** Impact on invitation, participation and lesion detected in the CRC screening in the Basque Country pre-post COVID-19

Sanchez Gonzalo\*, The Basque Health Service. OSI Barrualde-Galdakao. Medicine Preventive Service - Spain - Ballester LLuc, The Basque Health Service. OSI Donostialdea. Medicine Preventive Service - Spain - Portillo Isabel, Idigoras Isabel, Bilbao Isabel, Sainz de Rozas Irene, The Basque Health Service. Screening Programme - Spain; Azpiazu Carlos, The Basque Health Service. OSI Ezkerraldea-Enkarterri. Medicine Preventive Service - Spain

**IC17929-91** Population-based Oral Cancer Service Screening Disrupted by COVID-19 Pandemic: Observational and Simulation Study

Su Chiu-Wen\*, Department of Internal Medicine, National Taiwan University Hospital - Taiwan - Yang Hsu-Fei, Hsieh Pei-Chun, Lin Li-Yu, Wu Chao-Chun, Health Promotion Administration, Ministry of Health and Welfare, Taipei - Taiwan

**IC17689-94** Impact of COVID-19 for cancer screening and cancer treatment in Japan

Takahashi Hirokazu\*, Machii Ryoko, National Cancer Center Institute for Cancer Control - Japan



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**ICS17718-87** Impact of delayed screening invitations on screen-detected and interval cancers in the Dutch colorectal cancer screening programme: individual-level data analysis

Toes-Zoutendijk Esther\*, de Jonge Lucie, van Iersel Carola, Spaander Manon, van Vuuren Hanneke, van Kemenade Folkert, Ramakers Christian, Nagtegaal Iris, Lansdorp-Vogelaar Iris, Erasmus MC University Medical Center - Netherlands; Dekker Evelien, Amsterdam Medical Center - Netherlands; van Leerdam Monique, Netherlands Cancer Institute - Netherlands

**ICS17839-91** Short and mid-term impact of the COVID-19 pandemic on a population-based screening program for colorectal cancer in Catalonia (Spain)

Vives Nuria\*, Binefa Gemma, Vidal Carmen, Travier Noemie, Nino de Guzman Ena, Panera Jon Aritz, Munoz Rafa, Guardiola Virtudes, Garcia Montse, Cancer Screening Unit, Catalan Institute of Oncology, L'Hospitalet de Llobregat - Spain

## Integrating primary and secondary cancer prevention

**ICS18012-75** Screening and vaccination: results on number of vaccine doses from the Italian study evaluating best strategies on how to screen vaccinated women

Armaroli Paola\*, Rizzolo Raffaella, Riggi Emilia, Ronco Guglielmo, S.S.D. Epidemiologia Screening CPO-AOU Città della Salute e della Scienza di Torino, Turin - Italy; Zappa Marco, Visioli Carmen, Clinical Epidemiology and Clinical Governance Support Unit, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Giorgi Rossi Paolo, Epidemiology Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia, Reggio Emilia - Italy; Carozzi Francesca, Dept. Experimental and Clinical Biomedical Sciences University of Florence, Florence - Italy; De Marco Laura, Center for Cervical Cancer Screening CPO-AOU Città della Salute e della Scienza di Torino, Turin - Italy; Bisanzì Simonetta, Regional Laboratory for Cancer Prevention, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Bonelli Luigina, Clinical Epidemiology Unit, IRCCS Ospedale Policlinico San Martino, Genoa - Italy; Venturino Ezio, Pathological Anatomy Unit, ASL2 Liguria, San Paolo Hospital, Savona - Italy

**ICS17899-97** Should we Screen Males and Females Differently for Colorectal Cancer? A Cost-Effectiveness Analysis

van de Schootbrugge-Vandermeer Hilliene J, Toes-Zoutendijk Esther, de Jonge Lucie\*, Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus MC University Medical Center, Rotterdam - Netherlands - van Leerdam Monique E, Department of Gastroenterology and Hepatology, Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital, Amsterdam - Netherlands

**ICS17816-86** Integrating smoking cessation with low-dose computed tomography lung cancer screening: preliminary results of an Italian pilot study

Gorini Giuseppe, Giovannoli Jasmine, Cavallo Giuseppe, Oncologic Network, Prevention and Research Institute (ISPRO) - Italy; De Santis Simona, Viscardi Stefano, Division of Thoracic Surgery, San Raffaele Scientific Institute - IRCCS - Italy; Senore Carlo, Piccinelli Cristiano, Epidemiology and screening Unit - CPO, University Hospital Città della Salute e della Scienza - Italy; Vivani Paola, Epidemiology Unit, North-Western Tuscany Local Health Unit - Italy; Pistelli Francesco, Carrozzi Laura, Pulmonary Unit, Cardiothoracic and Vascular Department, Pisa University Hospital - Italy; Visioli Carmen Beatriz\*,

**ICS17788-94** Association between smoking and HPV natural history in women participating the Florentine cervical screening programme  
Carreras Giulia, Posani Giulia, Cellai Filippo, Gorini Giuseppe, Anna Iossa, Cristina Sani, Puliti Donella, Oncologic network, prevention and research institute (ISPRO), Florence - Italy - Visioli Carmen Beatriz\*,

## Monitoring, evaluation and Quality Assurance

**ICS17778-93** Managing clinical safety in risk-based screening - the role of screening registers and pathway audits

Gertig Dorota\*, Telstra Health, Melbourne. The University of Melbourne, Melbourne. - Australia - Chakravorty Anjana, Telstra Health, Melbourne - Australia

## New technologies and screening tests

**ICS17996-95** A randomised controlled trial of Digital Breast Tomosynthesis versus Digital Mammography as primary screening tests: screening results over subsequent episodes of the Proteus Donna study  
Armaroli Paola\*, Correale Loredana, Ponti Antonio, Riggi Emilia, Vergini Viviana, Segnan Nereo, S.S.D. Epidemiologia Screening, CPO AOU Città della Salute e della Scienza di Torino, Turin - Italy - Frigerio Alfonso, Artuso Franca, Casella Denise, Milanesio Luisella, S.S.D. Senologia di Screening, AOU Città della Salute e della Scienza di Torino, Turin - Italy; Falco Paolo, AizoOn Technology Consulting, Turin - Italy - Favettini Elisabetta, ASL Biella-Azienda Sanitaria Locale di Biella, Ponderano - Italy; Fonio Paolo, Dipartimento di Diagnostica per Immagini e Radiologia Interventistica, AOU Città della Salute e della Scienza di Torino - Italy; Giordano Livia, Dipartimento di Diagnostica per Immagini e Radiologia Interventistica, AOU Città della Salute e della Scienza di Torino, - Italy; Marra Vincenzo, 6S.C. Radiologia Sant'Anna, AOU Città della Salute e della Scienza di Torino, Turin - Italy; Morra Lia, Dipartimento di Automatica e Informatica, Politecnico di Torino, Turin - Italy; Presti Pietro, Fondazione Edo ed Elvo Tempia, Biella - Italy - ICS17926-88 DNA methylation analysis for the triage of screen-positive women in a primary human papillomavirus screening cohort - Berkhof Johannes\*, Amsterdam UMC, Department of Epidemiology and Data Science, Amsterdam - Netherlands; Verhoef Lisanne, Bleeker Maaike, Steenberg Renske, Meijer Chris, Heideman Danielle, Amsterdam UMC, Department of Pathology, Amsterdam - Netherlands; Quint Wim, DDL Diagnostic Laboratory, Rijswijk - Netherlands; Melchers Willem, Radboud University Medical Center, Medical Microbiology, Nijmegen - Netherlands; van Kemnade Folkert, Erasmus MC, Department of Pathology, Rotterdam - Netherlands

### **ICS17827-88** CROSS-SECTIONAL ACCURACY and PROGNOSTIC VALUE OF mRNA-HPV and p16/ki67 IN THE NTCC2 TRIAL FOR CERVICAL CANCER SCREENING

Giorgi Rossi Paolo, Mancuso Pamela, Venturelli Francesco, Epidemiology Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia, Reggio Emilia - Italy; Ronco Guglielmo, Rizzolo Raffaella, Centre for Cancer Epidemiology and Prevention (CPO), Turin - Italy; Carozzi Francesca, Bisanzi Simonetta\*, Confortini Massimo, Institute for Cancer Research, Prevention and Clinical Network (ISPRO), Florence - Italy; Allia Elena, 4 Centre for Cervical Cancer Screening, City of Health and Science Hospital, Turin - Italy; De Marco Laura, Centre for Cervical Cancer Screening, City of Health and Science Hospital, and Unit of Cancer Epidemiology and Centre for Cancer Prevention (CPO), City of Health and Science Hospital, Turin - Italy; Gustinucci Daniela, Cesarini Elena, Bulletti Simonetta, Passamonti Basilio, Laboratorio Unico di Screening, USL Umbria 1, Perugia - Italy; Del Mistro Annarosa, Frayle Helena, Gori Silvia, Istituto Oncologico Veneto IOV-IRCCS, Padua - Italy; Iossa Anna, ISPRO Oncological Network, Prevention and Research Institute, Screening Unit, Florence - Italy; Toniolo Laura, ULSS6 Euganea, Padua - Italy; Benevolo Maria, IRCCS-Regina Elena National Cancer Institute, Rome - Italy

### **ICS17833-85** Assessment of accuracy for CIN3+ of triage strategies combining p16/ki67 or cytology with extended genotyping in the NTCC2 study

Giorgi Rossi Paolo, Mancuso Pamela, Venturelli Francesco, Epidemiology Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia, Reggio Emilia - Italy - Ronco Guglielmo, Rizzolo Raffaella, Centre for Cancer Epidemiology and Prevention (CPO), Turin - Italy - Carozzi Francesca, Bisanzi Simonetta\*, Confortini Massimo, Institute for Cancer Research, Prevention and Clinical Network (ISPRO), Florence - Italy; Allia Elena, Centre for Cervical Cancer Screening, City of Health and Science Hospital, Turin - Italy; De Marco Laura, Centre for Cervical Cancer Screening, City of Health and Science Hospital, and Unit of Cancer Epidemiology and Centre for Cancer Prevention (CPO), City of Health and Science Hospital, Turin - Italy; Gustinucci Daniela, Cesarini Elena, Bulletti Simonetta, Passamonti Basilio, Laboratorio Unico di Screening, USL Umbria 1, Perugia - Italy; Del Mistro Annarosa, Frayle Helena, Gori Silvia, Istituto Oncologico Veneto IOV-IRCCS, Padua - Italy; Iossa Anna, ISPRO Oncological Network, Prevention and Research Institute, Screening Unit, Florence, Italy - Italy; Toniolo Laura, ULSS6 Euganea, Padua - Italy - Benevolo Maria, IRCCS-Regina Elena National Cancer Institute, Rome - Italy

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**ICS17823-84** Early detection of ovarian cancer using multiple longitudinal biomarkers

Abrego Luis, Zaikin Alexey, University College London - United Kingdom - Marino Ines, Universidad Rey Juan Carlos - Spain; Blyuss Oleg\*, Queen Mary University of London - United Kingdom

**ICS17841-84** Evaluating relative sensitivity of high risk human papillomavirus self-sample tests for primary cervical screening

Brentnall Adam\*, Wolfson Institute of Population Health, Queen Mary University of London - United Kingdom - Berkhof Johannes, Department of Clinical Epidemiology and Biostatistics, VU University Medical Centre, Amsterdam - Netherlands; Cuschieri Kate, Scottish HPV Reference Laboratory, Royal Infirmary of Edinburgh, Edinburgh - United Kingdom; Rebolj Matejka, Cancer Prevention Group, School of Cancer & Pharmaceutical Sciences, Faculty of Life Sciences & Medicine, King's College London, London - United Kingdom

**ICS17850-84** HPV genotyping agreement between self-collected wet, dry and urine samples in a referral population

Chu Kim\*, Brentnall Adam, Nedjai Belinda, Cuzick Jack, Wolfson Institute of Population Health, Queen Mary University of London, London - United Kingdom - Parberry Anna, Colposcopy Department, Royal London Hospital, London - United Kingdom

**ICS17777-92** Australia's National Cancer Screening Register (NCSR): Improving access to clinical data

Gertig Dorota\*, National Cancer Screening Register (NCSR), Telstra Health, Melbourne, Australia - Australia

**ICS17995-94** Organizational and economic impact of the digital breast tomosynthesis with 2D-synthetic imaging implementation in breast cancer screening: evidence from the MAITA study to support guidelines development.

Venturelli Francesco, Djuric Olivera, Mancuso Pamela, Vicentini Massimo, Giorgi Rossi Paolo\*, Servizio di Epidemiologia, Azienda USL-IRCCS di Reggio Emilia - Italy; Pattacini Pierpaolo, Struttura Complessa Radiologia, Azienda USL-IRCCS di Reggio Emilia - Italy; Campari Cinzia, Struttura Complessa Centro Screening Oncologici, Azienda USL-IRCCS di Reggio Emilia - Italy; Ponti Antonio, Frigerio Alfonso, Giordano Livia, SSD Epidemiologia Screening - AOU Città della Salute e della Scienza di Torino, CPO Piemonte, Torino - Italy; Di Leo Giovanni, UOC Radiologia, IRCCS Policlinico San Donato, San Donato Milanese, Milano - Italy; Magni Veronica, Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano - Italy; Sardanelli Francesco, UOC Radiologia, IRCCS Policlinico San Donato, San Donato Milanese; Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano, Milano - Italy; Fornasa Francesca, Romanucci Giovanna, Montemezzi Stefania, DAI Patologia e Diagnostica, Azienda Ulss 9 Scaligera, Verona e Azienda Ospedaliera Universitaria Integrata di Verona - Italy; Falini Patrizia, Battisti Francesca, Betti Elisa, Mantellini Paola, SC Screening e Prevenzione Secondaria, Istituto per lo Studio, la Prevenzione e la Rete Oncologica ISPRO Toscana, Firenze - Italy

**ICS17863-88** Patient Perspectives on Personalized Risk Communication Using Polygenic Risk Scores to Inform Colorectal Cancer Screening Decisions

Goldberg Shauna\*, Ausiello Jenna, Burnett-Hartman Andrea, Kaiser Permanente Colorado Institute for Health Research - United States; Ko Linda, Hsu Li, Kooperberg Charles, Peters Ulrike, Fred Hutchinson Cancer Center - United States

**IC18005-77** Urinary TERT promoter mutations, a potential urine biomarker for the early detection of bladder cancer and screening of high-risk groups

Sheikh Mahdi, Forey Nathalie, Le Calvez-Kelm Florence\*, International Agency for Research on Cancer (IARC), Lyon - France; Hosen Md Ismail, Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka - Bangladesh; Zvereva Maria, Faculty of Chemistry, Lomonosov Moscow State University, Moscow - Russian Federation; Poustchi Hossein, Malekzadeh Reza, Digestive Disease Research Center, Digestive Diseases Research Institute, Tehran University of Medical Sciences, Tehran - Iran, Islamic Republic of Etemadi Arash, Abnet Christian, Metabolic Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD - United States

**IC17695-91** SMARTScreen to SMARTERscreen: developing and trialling a combination SMS to prompt people to participate in the Australian National Bowel Cancer Screening Program.

McIntosh Jennifer\*, Emery Jon, Wood Anna, Chondros Patty, Wilson Carlene, Ait Ouakrim Driss, Flander Louisa, Huang Jennifer, Jenkins Mark, The University of Melbourne - Australia; Goodwin Belinda, Myers Larry, Cancer Council Queensland - Australia; Macrae Finlay, Royal Melbourne Hospital - Australia - Campbell Tina, Healthily Pty Ltd - Australia

**IC17767-91** Patient-reported experiences of the Cytosponge test: analysis of patient survey data from the BEST3 trial

Offman Judith\*, Walter Fiona M, Wolfson Institute of Population Health, Queen Mary University of London, London - United Kingdom; Ghimire Bhagabati, Sasieni Peter D, Waller Jo, Cancer Prevention Group, School of Cancer and Pharmaceutical Sciences, King's College London, London - United Kingdom; Landy Rebecca, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, Bethesda, Maryland - United States; Maroni Roberta, Cancer Research UK and King's College London Cancer Prevention Trials Unit, Cancer Prevention Group, School of Cancer and Pharmaceutical Sciences, King's College London, London - United Kingdom; Smith Samuel G, Leeds Institute of Health Sciences, University of Leeds, Leeds - United Kingdom; Debriram-Beecham Irene, Fitzgerald Rebecca C, Early Cancer Institute, Department of Oncology, University of Cambridge, Cambridge - United Kingdom; Rubin Greg, Population Health Sciences Institute, Newcastle University, 5th Floor, Ridley 1, Newcastle upon Tyne - United Kingdom

**IC17858-92** Cost-Effectiveness Analyses of Lung Cancer Screening Using Low-Dose Computed Tomography: A Systematic Review Assessing Strategy Comparison & Risk Stratification

Fabbro Matthew, Hahn Kirah, Novaes Olivia, O'Grailigh Micheal, O'Mahony James\*, Trinity College Dublin, Dublin - Ireland

**IC17707-85** Widening the offer of human papillomavirus self-sampling to all women eligible for cervical screening

Rebolj Matejka\*, King's College London, London - United Kingdom; Sargent Alexandra, Manchester University NHS Foundation Trust, Manchester - United Kingdom; Njor Sisse, Randers Regional Hospital, Randers - Denmark; Cuschieri Kate, NHS Lothian Scotland, Edinburgh - United Kingdom

**IC17706-84** Managing an extension of screening intervals: Avoiding boom and bust in health care workloads

Pesola Francesca, Rebolj Matejka\*, Sasieni Peter, King's College London, London - United Kingdom

**IC17989-97** Plasma microRNA ratios associated with breast cancer detection: results from a nested case-control study in an Italian population-based mammography screening cohort

Chiorino Giovanna, Sehovic Emir\*, Gregnanin Ilaria, Mello-Grand Maurizia, Cancer Genomics Lab, Fondazione Edo ed Elvo Tempia, Biella - Italy; Petracci Elisabetta, Unit of Biostatistics and Clinical Trials, IRCCS Istituto Romagnolo per lo Studio dei Tumori (IRST) "Dino Amadori", Meldola - Italy; Camussi Elisa, Vergini Viviana, Segnan Nereo, Giordano Livia, SSD Epidemiologia Screening, CPO-AOU Città Della Salute E Della Scienza Di Torino, Turin - Italy; Gallo Federica, Epidemiology Unit, Staff Health Direction, Local Health Authority 1 of Cuneo, Cuneo - Italy

**IC17798-95** Incidence of colorectal cancers after screening CT colonography in the SAVE trial

Puliti Donella, Mascalchi Mario, Manneschi Gianfranco, Intriери Teresa, Caldarella Adele, Mallardi Beatrice, Gorini Giuseppe, Masala Giovanna, Mantellini Paola, Oncologic network, prevention and research institute (ISPRO), Florence - Italy; Sali Lapo, Department of Radiology, Istituto Fiorentino di Cura e Assistenza Hospital, Florence - Italy; Visioli Carmen Beatriz\*,

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**ICS17787-93** Identification of protein biomarkers for lung cancer early detection and their potential to improve risk discrimination: Results from the Lung Cancer Cohort Consortium

Zahed Hana\*, Feng Xiaoshuang, Alcalá Karine, Onwuka Justina, Robbins Hilary, Johansson Mattias, Genomic Epidemiology Branch, International Agency for Research on Cancer, Lyon - France; Smith-Byrne Karl, Cancer Epidemiology Unit, University of Oxford, Oxford - United Kingdom; Guida Florence, Environment and Lifestyle Epidemiology Branch, International Agency for Research on Cancer, Lyon - France; Johansson Mikael, Department of Radiation Sciences, Oncology, Umea University, Umea - Sweden; Stevens Victoria, Rollins School of Public Health, Emory University, Atlanta - United States; Lung Cancer Cohort Consortium -, International Agency for Research on Cancer - France

## Risk-based cancer screening

**ICS17780-86** Screening practices of people at familial risk of colorectal cancer

Ait Ouakrim Driss\*, Cho Changhee, Flander Louisa, Jenkins Mark, University of Melbourne - Australia

**ICS17677-91** Estimating adenoma incidence and progression rates in individuals with a family history of colorectal cancer using a Bayesian three-state accelerated failure time model

Greuter Marjolain J E, Akwii Eddy Murphy U\*, Klausch Thomas, Coupé Veerle M H, Amsterdam UMC, Vrije Universiteit Amsterdam, Department of Epidemiology and Data Science, Amsterdam Public Health, Amsterdam - Netherlands; Hennink Simone D, Department of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden - Netherlands; Bisseling Tanya M, Department of Gastroenterology and Hepatology, Radboud university medical center, Nijmegen - Netherlands; Spanier B W Marcel, Department of Gastroenterology and Hepatology, Rijnstate Hospital, Arnhem - Netherlands; Engel Christoph, Institute for Medical Informatics, Statistics and Epidemiology, Leipzig University, Leipzig - Germany; Holinski-Feder Elke, MGZ - Medizinisch Genetisches Zentrum, Munich; Medizinische Klinik und Poliklinik IV, Campus Innenstadt, Klinikum der Universität München, Munich - Germany; Nagtegaal Iris D, Department of Pathology, Radboud university medical center, Radboud Institute for Molecular Life Sciences, Nijmegen - Netherlands; Canfell Karen, The Daffodil Centre, The University of Sydney, A Joint Venture with Cancer Council NSW, Sydney - Australia;

Dekker Evelien, Department of Gastroenterology and Hepatology, Amsterdam University Medical Centers, University of Amsterdam, Amsterdam - Netherlands; Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus University Medical Center, Rotterdam - Netherlands; van Leerdam Monique E, Department of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden; Department of Gastrointestinal Oncology, Netherlands Cancer Institute, Amsterdam - Netherlands, Hoogerbrugge Noline, Department of Human Genetics, Radboud university medical center, Research Institute for Medical Innovation, Nijmegen - Netherlands

**ICS18013-76** Screening and vaccination: results from Italian study evaluating best strategies how to screen vaccinated women

Armaroli Paola\*, Rizzolo Raffaella, Ronco Guglielmo, S.S.D. Epidemiologia Screening CPO-AOU Città della Salute e della Scienza di Torino, Turin - Italy; Zappa Marco, Visioli Carmen, Clinical Epidemiology and Clinical Governance Support Unit, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy - Carozzi Francesca, Dept. Experimental and Clinical Biomedical Sciences University of Florence, Florence - Italy - De Marco Laura, Center for Cervical Cancer Screening CPO-AOU Città della Salute e della Scienza di Torino, Turin - Italy; Bisanzi Simonetta, Regional Laboratory for Cancer Prevention, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Venturino Ezio, Pathological Anatomy Unit, ASL2 Liguria, San Paolo Hospital, Savona - Italy; Del Mistro Anna Rosa, Immunology and Molecular Oncology Diagnostics, Veneto Institute of Oncology IOV-IRCCS, Padua - Italy; Iossa Anna, Screening and Secondary Prevention Unit, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy; Bonelli Luigina, Clinical Epidemiology Unit, IRCCS Ospedale Policlinico San Martino, Genoa - Italy; Giorgi Rossi Paolo, Epidemiology Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia, Reggio Emilia - Italy

**ICS17753-86** Bowel Cancer Screening Programme in the Basque Country: tumour stage differences by sex, age, location and type of participant

Azpiazu Carlos Elias\*, Osakidetza Basque Health Service, OSI Ezkerralde-Enkarterri-Cruces, Preventive Medicine Service, Barakaldo - Spain; Portillo Isabel, Idigoras Isabel, Sainz de Rozas Irene, Bilbao Isabel, Osakidetza Basque Health Service, Basque Country Colorectal Screening Programme, Bilbao - Spain - Bujanda Luis, Center for Medical Research Network for Liver and Digestive Diseases (CIBERehd), San Sebastian - Spain; Sanchez Gonzalo, Osakidetza Basque Health Service, OSI Barroalde-Galdakao, Preventive Medicine Service, Galdakao - Spain; Ballester de la Seda Lluç, Osakidetza Basque Health Service, OSI Donostialdea, Preventive Medicine Service, San Sebastian - Spain

**ICS17754-87** Can pre-treatment with vaginal estrogen improve the colposcopy performance in postmenopausal women? - a randomized controlled trial

Bertelsen Vibe\*, Department of Obstetrics and Gynaecology, Randers Regional Hospital and University Research Clinic for Cancer Screening Randers Regional Hospital and Department of Clinical Medicine, Aarhus University - Denmark; Tranberg Mette, University Research Clinic for Cancer Screening, Randers Regional Hospital - Denmark; Petersen Lone Kjeld, Department of Obstetrics and Gynaecology, Odense University Hospital and Department of Clinical Medicine, University of Southern Denmark - Denmark - Booth Berit Bargum, Department of Obstetrics and Gynaecology, Odense University Hospital - Denmark - Bor Pinar, Department of Obstetrics and Gynaecology, Randers Regional Hospital and Department of Clinical Medicine, Aarhus University - Denmark

**ICS17286-87** PRSONAL - Population-based Randomized Study Of a Novel breast cancer risk ALgorithm and stratified screening

Bojesen Stig\*, Dept. of Clinical Biochemistry, Herlev Gentofte Hospital, Copenhagen University Hospital. Dept. of Clinical Medicine, Faculty of Health and Medical Sciences, University of Copenhagen - Denmark - Vejborg Ilse, Breast Cancer Screening Program, Copenhagen. Dept. of Breast Examinations, Herlev Gentofte Hospital, Copenhagen University Hospital - Denmark - Antoniou Antonis, Centre for Cancer Genetic Epidemiology, Department of Public Health and Primary Care, University of Cambridge - United Kingdom - Bigaard Janne, Prevention & Information, Danish Cancer Society, Copenhagen - Denmark

**ICS17784-90** External validation of breast cancer risk prediction models for risk-based screening in the PRISMA cohort

Broeders Mireille\*, Department for Health Evidence, Radboud university medical center & Dutch Expert Centre for Screening, Nijmegen - Netherlands - Nijholt Sanne, Department for Health Evidence, Radboud university medical center, Nijmegen - Netherlands - van der Waal Danielle, Dutch Expert Centre for Screening, Nijmegen - Netherlands

**ICS17855-89** Recruitment and data collection for risk-stratified breast cancer screening: lessons learned from the PERSPECTIVE I&I project

Chiarelli Anna M\*, Walker Meghan J, Eisen Andrea, Ontario Health, Toronto; University of Toronto, Toronto - Canada; Blackmore Kristina M, Ontario Health, Toronto - Canada - Lambert-Cote Laurence, Turgeon Annie, CHU de Québec-Université Laval Research Center, Québec City - Canada; Brooks Jennifer, University of Toronto, Toronto - Canada - Chiquette Jocelyne, Dorval Michel, Simard Jacques, CHU de Québec-Université Laval Research Centre; Université Laval, Québec City - Canada

**ICS17860-85** Implementation of risk stratified breast cancer screening: Effectiveness of multifactorial risk assessment in the PERSPECTIVE I&I Project

Chiarelli Anna M\*, Walker Meghan J, Ontario Health, Toronto; University of Toronto, Toronto - Canada - Antoniou Antonis C, Easton Douglas F, University of Cambridge, Cambridge - United Kingdom; Blackmore Kristina M, Ontario Health, Toronto - Canada; Brooks Jennifer D, University of Toronto, Toronto - Canada - Dorval Michel, Simard Jacques, CHU de Québec-Université Laval Research Centre; Université Laval, Québec City - Canada; Eloy Laurence, Université Laval, Québec City; Ministère de la Santé et des Services Sociaux, Québec City - Canada; Stockley Tracy L, Princess Margaret Cancer Centre, Toronto; University Health Network, Toronto - Canada

**ICS17834-86** Understanding the acceptability and preferences of the public towards risk-stratified screening for colorectal cancer: a think-aloud interview study.

Clune Reanna\*, Morris Stephen, Usher-Smith Juliet, Dennison Rebecca, University of Cambridge - United Kingdom; Thomas Chloe, University of Sheffield - United Kingdom



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**ICS17578-91** Incidence of harms following colorectal cancer screening by colonoscopy in older adults

Chubak Jessica, Ichikawa Laura, Ziebell Rebecca, Green Beverly, Kaminen Aruna, Kaiser Permanente Washington Health Research Institute, Seattle, Washington - United States; Merchant Sophie, Jensen Christopher, Lee Jeffrey, Levin TR, Corley Douglas\*, Division of Research, Kaiser Permanente Northern California, Oakland, California - United States; Dalmat Ronit, University of Washington, Seattle, Washington - United States; Ghai Nirupa, Department of Quality and Systems of Care, Kaiser Permanente Southern California, Pasadena, California - United States; Sugg Skinner Celette, Peter O'Donnell Jr. School of Public Health at UT Southwestern Medical Center - United States; Schottinger Joanne, Kaiser Permanente Bernard Tyson School of Medicine, Pasadena, California - United States; Breslau Erica, National Cancer Institute - United States

**ICS17738-89** A discrete choice experiment to understand public preferences and priorities for risk-stratified bowel cancer screening programmes

Dennison Rebecca\*, Morris Stephen, Usher-Smith Juliet, University of Cambridge, Cambridge - United Kingdom  
Thomas Chloe, University of Sheffield, Sheffield - United Kingdom

**ICS17723-83** Performance of risk prediction models to select individuals for lung cancer screening in the European population

Feng Xiaoshuang\*, Alcalá Karine, Johansson Mattias, Robbins Hilary, Lung Cancer Cohort Consortium --, Genomic Epidemiology Branch, International Agency for Research on Cancer, Lyon - France - Goodley Patrick, Division of Infection, Immunity and Respiratory Medicine, University of Manchester, Manchester - United Kingdom; Guida Florence, Environment and Lifestyle Epidemiology Branch, International Agency for Research on Cancer, Lyon - France

**ICS17896-94** Inequalities in outcomes of a uniform breast cancer screening programme for subgroups varying in risk and density highlight the potential for risk-based screening

Gil Quessep Eugenio Jose\*, van Ravesteyn Nicolien, de Koning Harry, Department of Public Health, Erasmus MC, Rotterdam - Netherlands; van der Waal Danielle, Dutch Expert Centre for Screening, Nijmegen - Netherlands; Nijholt Sanne, Broeders Mireille, Department for Health Evidence, Radboud UMC, Nijmegen - Netherlands; van Gils Carla, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht University, Utrecht - Netherlands

**ICS17686-91** Screening interval for endoscopic screening of gastric cancer based on individual risk: A protocol of prospective cohort study of gastric cancer screening

Hamashima Chisato\*, Teikyo University - Japan; Fukao Akira, Itabashi - Japan

**ICS17900-80** IARC Handbook Vol. 19 - Screening for oral cancer in high-risk individuals

Lauby-Secretan Beatrice\*, Bouvard Veronique, Nethan Suzanne, IARC - France

**ICS17756-89** Attitude towards risk-based breast cancer screening: a survey among 5,000 Danish women

Loft Louise H\*, Pedersen Line H, Bigaard Janne, Prevention and Information, Danish Cancer Society, Copenhagen - Denmark; Bojesen Stig E, Dept. of Clinical Biochemistry, Herlev Gentofte Hospital, Copenhagen University Hospital, Copenhagen - Denmark

**ICS17835-87** Development and validation of a colorectal cancer risk prediction tool for risk-stratified screening: an application of machine-learning to national screening data

Mülder Duco\*, van den Puttelaar Rosita, Department of Public Health, Erasmus Medical Center, Rotterdam - Netherlands; O'Mahony James, Centre for Health Policy & Management, School of Medicine, Trinity College Dublin; Department of Public Health, Erasmus Medical Center, Rotterdam, - Ireland - Meester Reinier, Department of Public Health, Erasmus Medical Center, Rotterdam; Health Economics & Outcomes Research, Freenome Holdings Inc. San Francisco - Netherlands - Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus Medical Center, Rotterdam, Netherlands - Netherlands



**ICS17705-83** Reducing colonoscopy burden with risk-based protocol  
Nevala Aapeli\*, Heinävaara Sirpa, Sarkeala Tytti, Finnish Cancer Registry, Helsinki - Finland  
- Kulathinal Sangita, University of Helsinki, Department of Mathematics and Statistics - Finland

**ICS17876-92** A scoping review of mammographic breast density related practices within breast screening programmes  
O'Driscoll Jessica\*, Burke Aileen, Bennett Kathleen E, Mullooly Maeve, School of Population Health, RCSI University of Medicine and Health Sciences, Dublin - Ireland  
- Mooney Therese, Smith Alan, Fitzpatrick Patricia, National Screening Service, Dublin - Ireland  
- Phelan Niall, Baldelli Paola, Lynch Suzanne, Flanagan Fidelma, BreastCheck, National Screening Service, Dublin - Ireland

**ICS17856-90** Risk Stratification in Cancer Screening: Implications of Constraints on Strata-Specific Screening Policies for Efficiency and Equity  
O'Mahony James\*, Trinity College Dublin, Dublin - Ireland

**ICS17755-88** Danish women's attitudes towards a personalized breast cancer screening program - a qualitative study  
Pedersen Line Hjoellund\*, Bigaard Janne Villemoes, Kvernroed Ann-Britt, Prevention and Information, Danish Cancer Society, Copenhagen - Denmark - Bojesen Stig Egil, Dept. of Clinical Biochemistry, Herlev Gentofte Hospital, Copenhagen University Hospital, Copenhagen - Denmark

**ICS17803-82** Colorectal cancer screening intensity in Europe: A systematic review of cost-effectiveness analyses addressing the optimal screening interval

Pokharel Rajani\*, Lin Yi-Shu, Francis O'Mahony James, Centre for Health Policy and Management, Trinity College Dublin - Ireland; McFerran Ethna, Queen's University Belfast, Belfast - United Kingdom

**ICS17889-96** Modelled estimation of the association between cancer stage at diagnosis, interval cancers and overdiagnoses for risk-targetted breast cancer screening.

Procopio Pietro\*, Deij Sabine, Petelin Lara, Velentzis Louiza, Nickson Carolyn, The Daffodil Centre / The University of Melbourne - Australia; Islam Saima, The Daffodil Centre - Australia; Cauchi Jennifer, The University of Melbourne - Australia

**ICS17890-88** Benefits and harms of prostate specific antigen (PSA) testing according to Australian guidelines

Caruana Michael, Chiam Karen, Nair-Shalliker Visalini, Luo Qingwei, Bang Albert, Grogan Paul, Smith David P, O'Connell Dianne L, Canfell Karen, The Daffodil Centre, The University of Sydney, a joint venture with Cancer Council NSW, Sydney - Australia - Gulati Roman, Etzioni Ruth, Program in Biostatistics, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center, Seattle - United States - Barratt Alexandra, Faculty of Medicine and Health, The University of Sydney, Sydney - Australia - Armstrong Bruce K, School of Public Health, University of Sydney, Sydney - Australia - Procopio Pietro\*,

**ICS17771-86** Risk of colorectal cancer incidence and mortality following a complete colonoscopy: A population-based cohort study

Ruco Arlinda\*, St. Francis Xavier University - Antigonish, Nova Scotia - Canada; Moineddin Rahim, Tinmouth Jill, Rabeneck Linda, University of Toronto - Toronto, Ontario - Canada; Sutradhar Rinku, Li Qing, ICES - Toronto, Ontario - Canada; Del Giudice Lisa, Sunnybrook Health Sciences Centre - Toronto, Ontario - Canada - Dube Catherine, University of Ottawa - Ottawa, Ontario - Canada; Baxter Nancy, University of Melbourne - Melbourne - Australia

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**ICS17717-86** How effective is mammography screening on the reduction of breast cancer mortality among breast cancer survivors.

Sardini Bayan\*, Njor Sisse Helle, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital, Randers - Denmark

**ICS17802-81** Risk stratified screening for Colorectal Cancer: a pilot study in an ongoing screening program

Ferrante Gianluigi, Bulfamante Sara, Senore Carlo\*, Epidemiology and screening unit - CPO. University hospital Città della Salute e della Scienza. Turin, Italy - Italy; Naccarati Alessio, Italian Institute for Genomic Medicine. IRCCS Candiolo, Turin, Italy - Italy; Gregarin Ilaria, Edo and Elvo tempia Foundation, Biella, Italy - Italy - Mengozzi Giulio, SC Biochimica Clinica (Baldi e Riberi) - University hospital Città della Salute e della Scienza. Turin, Italy - Italy; Grammatico Vittoria, Screening unit ASL TO5. Carignano (Turin), Italy - Italy - Castella Annalisa, Screening unit ASL TO3. Collegno (Turin), Italy - Italy; Maconi Mariacristina, Screening unit ASL Alessandria, Alessandria, Italy - Italy; Presti Pietro, Edo and Elvo Tempia Foundation, Biella - Italy

**ICS17953-88** Incorporating Baseline Breast Density When Screening Women at Average Risk for Breast Cancer

Shih Tina, Xu Ying, UT MD Anderson Cancer Center, Department of Health Service Res, Houston - United States - Dong Wenli, Shen Yu\*, UT MD Anderson Cancer Center, Department of Biostatistics, Houston - United States - Etzioni Ruth, Fred Hutchinson Cancer Center, Seattle - United States

**ICS17710-79** Implementation of risk stratification within bowel cancer screening: A community jury study exploring public acceptability and communication needs

Taylor Lily C\*, Dennison Rebecca A, Griffin Simon J, Usher-Smith Juliet A, Primary Care Unit, Department of Public Health and Primary Care, School of Clinical Medicine, University of Cambridge, Cambridge - United Kingdom; John Stephen D, Department of History and Philosophy of Science, University of Cambridge, Cambridge - United Kingdom; Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus University Medical Centre, Rotterdam - Netherlands; Thomas Chloe V, School of Health and Related Research, University of Sheffield, Sheffield - United Kingdom; Thomas Rae, Tropical Australian Academic Health Centre, James Cook University, Queensland - Australia

**ICS17711-80** Acceptability of risk stratification within population-based cancer screening from the perspective of the general public: A mixed methods systematic review

Taylor Lily C\*, Shah Veeraj, Usher-Smith Juliet A, Dennison Rebecca A, The Primary Care Unit, Department of Public Health and Primary Care, School of Clinical Medicine, University of Cambridge, Cambridge - United Kingdom; Hutchinson Alison, Law Katie, School of Clinical Medicine, University of Cambridge, Cambridge - United Kingdom

**ICS17781-87** The Impact of Practicality on the Effectiveness and Efficiency of Lung Cancer Screening Programs

Hemmati Mehdi, Schaefer Andrew J, Rice University - United States - Toumazis Iakovos\*, The University of Texas MD Anderson Cancer Center - United States

**ICS17772-87** Lung cancer screening among non-eligible Head and Neck cancer patients based on the 2021 US Preventive Services Task Force eligibility criteria

Nofal Sara, Zhang Jianjun, Heymach John, Department of Thoracic-Head & Neck Medical Oncology, Division of Cancer Medicine, University of Texas MD Anderson Cancer Center, Houston, Texas - United States - Niu Jiangong, Resong Paul, Toumazis Iakovos\*, Department of Health Services Research, Division of Cancer Prevention and Population Sciences, University of Texas MD Anderson Cancer Center, Houston, Texas - United States; Jin Jeff, Department of Analytics and Informatics, University of Texas MD Anderson Cancer Center, Houston, Texas - United States; Merriman Kelly, Department of Tumor Registry, University of Texas MD Anderson Cancer Center, Houston, Texas - United States; Antonoff Mara, Department of Thoracic and Cardiovascular Surgery, Division of Surgery, University of Texas MD Anderson Cancer Center, Houston, Texas - United States; Ostrin Edwin, Department of General Internal Medicine, Division of Internal Medicine, University of Texas MD Anderson Cancer Center, Houston, Texas - United States; Wu Jia, Department of Imaging Physics, Division of Diagnostic Imaging, University of Texas MD Anderson Cancer Center, Houston, Texas - United States

**ICS17795-92** Acceptability of risk-based triage in cervical cancer screening: a focus group study

Bas Sharell, Radboud Institute for Health Sciences, Radboud university medical center, Nijmegen - Netherlands  
Sijben Jasmijn, Department of Gastroenterology and Hepatology, Radboud Institute for Health Sciences, Radboud university medical center, Nijmegen - Netherlands; Bischoff Erik, Department of Primary and Community Care, Radboud Institute for Health Sciences, Radboud university medical center, Nijmegen - Netherlands; Bekkers Ruud, Department of Obstetrics and Gynaecology, Catharina Hospital, Eindhoven / Department of Obstetrics and Gynecology, GROW School for Oncology and Reproduction, Maastricht University Medical Center - Netherlands; de Kok Inge, Department of Public Health, Erasmus MC University Medical Center, Rotterdam - Netherlands; Melchers Willem, Department of Medical Microbiology, Radboud university medical center, Nijmegen - Netherlands; Siebers Albert, Department of Pathology, Radboud university medical center, Nijmegen - Netherlands; van der Waal Danielle\*, Broeders Mireille, Radboud Institute for Health Sciences, Radboud university medical center, Nijmegen / Dutch Expert Centre for Screening, Nijmegen - Netherlands

**ICS17829-90** Swiss colorectal cancer risk distribution and its implications for personalized screening recommendations

van Duuren Luuk\*, Center for Primary Care and Public Health (Unisanté), University of Lausanne, Lausanne, Switzerland; Department of Public Health, Erasmus University Medical Center, Rotterdam, Netherlands - Switzerland; Bulliard Jean-Luc, Mohr Ella, Plys Ekaterina, Brändle Karen, Selby Kevin, Center for Primary Care and Public Health (Unisanté), University of Lausanne, Lausanne, Switzerland - Switzerland van den Puttelaar Rosita, Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus University Medical Center, Rotterdam, Netherlands - Netherlands

**ICS17759-92** Cost-effectiveness of personalizing breast cancer screening based on polygenic risk

van Ravesteyn Nicolien T\*, van den Broek Jeroen J, de Koning Harry J, Department of Public Health, Erasmus MC, University Medical Center Rotterdam - Netherlands - Schechter Clyde B, Departments of Family and Social Medicine and Epidemiology and Population Health, Albert Einstein College of Medicine, Bronx, NY - United States - Wolfson Michael C, School of Epidemiology and Public Health, University of Ottawa, Ottawa, ON - Canada - Kraft Peter, Department of Biostatistics and Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA - United States; Mandelblatt Jeanne S, Department of Oncology, Georgetown-Lombardi Comprehensive Cancer Center, Georgetown University School of Medicine, Washington, DC - United States

**ICS17872-88** Risk of adenoma in participants in the colorectal cancer screening programme according to personal characteristics and screening history

Vanaclocha Espi Mercedes\*, Rosello Colas Carlos, Pinto Carbo Marina, Romeo Cervera Paula, Martin-Pozuelo Lozano Javier, Molina Barcelo Ana, Foundation for the Promotion of Health and Biomedical Research-Public Health Research FISABIO-Public Health Research, Valencia, Spain - Spain - Risueno Albuixech Ruth, Llorens Ivorra Cristobal, Castan Cameo Susana, Ibanez Cabanell Josefa, General Directorate of Public Health, Valencian Community, Spain - Spain

**ICS17233-79** Risk-based liver cancer surveillance in an organized cancer screening program

Cao Maomao\*, CHEN Wanqing, National Cancer Center / National Clinical Research Center for Cancer/ Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College - China

**ICS17721-81** Development and validation of a risk assessment model for predicting breast cancer in China

Zhu Juan\*, Wang Le, Du Lingbin, Zhejiang Cancer Hospital - China

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## POSTER EXHIBITION - SESSION II

Friday June 23, 2023

### Equity in cancer screening: reaching vulnerable populations

**ICS17799-96** Implementation of an mHealth intervention based on SMS messages (the ATICA strategy) to promote participation in breast cancer screening in Argentina

Paolino Melisa, Sanchez Antelo Victoria, Arrossi Silvina\*, Centro de Estudios de Estado y Sociedad/Consejo Nacional de Investigaciones Cientificas y Técnicas (CEDES/CONICET) - Argentina; Correa Silvina, Ministerio de Salud de Santa Fe - Argentina; Furia Anabel, Lopez de Degani Graciela, Agencia de Control del Cancer. Ministerio de Salud de Santa Fe - Argentina

**ICS17844-87** Dynamic data-enabled stratified sampling for cancer screening trial invitations with application in NHS-Galleri

Brentnall Adam\*, Wolfson Institute of Population Health, Queen Mary University of London, London - United Kingdom, Mathews Chris, Beare Sandy, Ching Jennifer, Sleeth Michelle, Sasieni Peter, The Cancer Research UK and King's College London Cancer Prevention Trials Unit, Kings College London, London - United Kingdom

**ICS17875-91** Elimination of Cervical Cancer in Canada: Exploring invitation strategies for HPV self-sampling among under screened women

Brenda Fernandes, Shari Dworkin\*, Canadian Partnership Against Cancer, Toronto, Canada Kelly Bunzeluk, Donna Turner, Lesley Baldry, Laura Coulter, Sarah Kean, Paul Van Caesele, CancerCare Manitoba, Manitoba, Canada, Kerry Dust, Gabor Fischer, Lisa Manning, Shared Health Manitoba, Manitoba, Canada, Erica Dias, Sahar Momin, Erika Nicholson, Canadian Partnership Against Cancer, Toronto, Canada

**ICS17859-93** The impact of social, economic, and demographic factors on participation in organized colorectal screening in Turin

Ferrante Gianluigi\*, Senore Carlo, Calcagno Marco, SSD Epidemiologia Screening - A.O.U. Città della Salute e della Scienza di Torino - CPO - Italy; Rousset Stefano, Dipartimento di Scienze della Sanità Pubblica e Pediatriche, Università degli studi di Torino - Italy; Strippoli Elena, Spadea Teresa, Zengarini Nicolas, S.C. a D.U. Servizio Sovrazonale di Epidemiologia, ASL TO3 - Italy

**ICS17857-91** Inequalities in participation and outcomes of breast cancer screening in the city of Turin: a multilevel analysis

Ferrante Gianluigi\*, Giordano Livia, Vergini Viviana, SSD Epidemiologia Screening - A.O.U. Città della Salute e della Scienza di Torino - CPO - Italy; Cammarata Giulio, Università degli studi di Torino - Italy - Zengarini Nicolas, Ferracin Elisa, S.C. a D.U. Servizio Sovrazonale di Epidemiologia, ASL TO3 - Italy - Ricceri Fulvio, Di Girolamo Chiara, Dipartimento di Scienze Cliniche e Biologiche, Università degli Studi di Torino - Italy

**ICS17726-86** Insights on early detection, diagnosis, and prognosis research from the 2021 Global Oncology Survey of NCI-Designated Cancer Centers

Garton Elise M, Eldridge Linsey, Cira Mishka Kohli, Frank Allison, Duncan Kalina, Center for Global Health, National Cancer Institute, National Institutes of Health - United States; Puricelli Perin Douglas, Clinical Monitoring Research Program Directorate, Frederick National Laboratory for Cancer Research - United States, Gravitt Patti E.\*

**ICS17712-81** Ten year experience with population health approaches to improving colorectal cancer screening in US urban vulnerable populations: Lessons for population health

Halm Ethan\*, Robert Wood Johnson Medical School, Rutgers University, New Brunswick, NJ - United States - Nair Rasmi, Hu Ellen, Wang Lei, Kim Eric, Ortiz Cynthia, Lykken Jacquelyn, Skinner Celette, Peter O'Donnell Jr. School of Public Health, University of Texas Southwestern, Dallas, TX - United States - ICS17693-89 Choosing the optimal and cost-effective breast cancer screening strategy in a middle-income setting: An example from Georgia - Irzaldy Abyan\*, van Ravestejn Nicolien, de Koning Harry, Heijnsdijk Eveline, Department of Public Health, Erasmus MC, University Medical Center Rotterdam - Netherlands - Beruchashvili Tina, Ghevamichava Rema, Georgian Society of Clinical Oncology, Tbilisi - Georgia - Sturua Lela, Petre Shotadze Tbilisi Medical Academy, Tbilisi - Georgia

**ICS17775-90** Equitable implementation of a mailed stool test-based colorectal cancer screening program in a safety net health system  
Kluz Nicole\*, Chang Patrick, Agrawal Deepak, Pignone Michael, University of Texas at Austin - United States; Herrera Heissel, Watkins Juanita, CommUnityCare, Austin - United States

**ICS17869-94** Identifying groups that are less engaged with cervical cancer screening in Ireland: Literature review and stakeholder interview study.  
Mulcahy Symmons Sophie\*, De Brun Aoife, UCD Centre for Interdisciplinary Research, Education, and Innovation in Health Systems (UCD IRIS), School of Nursing, Midwifery and Health Systems, University College Dublin, Dublin - Ireland; Heavey Laura, National Screening Service, Dublin - Ireland - Drury Amanda, School of Nursing, Psychotherapy and Community Health, Dublin City University, Dublin - Ireland

**ICS17821-82** Double cervix: our experience in the High Risk Human Papillomavirus-based National Cervical Cancer screening program  
Pisani Tiziana\*, Rossi Francesca, Cenci Maria, Azienda Ospedaliera San Giovanni Addolorata, Roma - Italy

**ICS17854-88** Improving access to cancer screening among people with intellectual disabilities: development of a complex intervention  
Kotzur Marie, Fulton Lauren, Cairns Deborah, Robb Kathryn A\*, University of Glasgow, Glasgow - United Kingdom; Campbell Christine, Weller David, University of Edinburgh, Edinburgh - United Kingdom - Steele Robert J C, University of Dundee, Dundee - United Kingdom

**ICS17868-93** Achieving solutions to inequalities in cancer screening: the Integrated Screening Action Model (I-SAM) as a guide to intervention development  
Robb Kathryn A\*, School of Health and Wellbeing, University of Glasgow, Glasgow - United Kingdom

**ICS17762-86** Area-based socioeconomic inequalities in cervical cancer screening coverage in France  
Hamers Francoise, Rasia Irene, Serra-Jezewski Delphine, Rogel Agnès\*, Quintin Cecile, Chatignoux Edouard, Sante publique France - France

**ICS17713-82** Primary care provider interventions for addressing cancer screening participation with patients experiencing marginalization: A scoping review  
Ruco Arlinda\*, St. Francis Xavier University - Antigonish, Nova Scotia - Canada; Cernat Alexandra, McMaster University - Hamilton, Ontario - Canada; Calleja Sabine, Unity Health Toronto - Toronto, Ontario - Canada; Tinmouth Jill, University of Toronto - Toronto, Ontario - Canada; Lofters Aisha, Women's College Hospital - Toronto, Ontario - Canada

**ICS17773-88** Exploring barriers and enablers to implementation of cancer screening among primary care providers seeing marginalized patients  
Ruco Arlinda\*, St. Francis Xavier University - Antigonish, Nova Scotia - Canada; Khalil Asma, Tinmouth Jill, Kiran Tara, University of Toronto - Toronto, Ontario - Canada; Ledwos Cliff, Access Alliance Multicultural Health & Community Services - Toronto, Ontario - Canada; Lofters Aisha, Women's College Hospital - Toronto, Ontario - Canada

**ICS17257-85** The World Health Organization Should Adjust Its Global Strategy for Cervical Cancer Prevention  
Suba Eric\*, Global Cervical Cancer Prevention Project, San Francisco - United States; Donnelly Amber, University of Nebraska Medical Center, Omaha - United States; Duong Dang Van, Institute of Cancer Research Cooperation and Community Health Development, Hue City - Viet Nam; Gonzalez Ludwig, Institute for Epidemiological Diagnosis and Reference, Mexico City - Mexico; Neethling Greta, Stellenbosch University, Cape Town - South Africa; Thai Nguyen Van, Ho Chi Minh City Oncology Hospital, Ho Chi Minh City - Viet Nam

**ICS17751-84** 'You are dealing with the bottom here...' A qualitative study about faecal based colorectal cancer screening among men visiting a drop-in centre in Denmark  
Tatari Camilla\*, Kirkegaard Pia, Andersen Berit, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital, Randers - Denmark

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**ICS17732-83** What is the value of a catch-up HPV test in women aged 65 and above? - a population-based non-randomized intervention study  
Tranberg Mette\*, Joergensen Susanne Fogh, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital, Randers - Denmark; Kjeld Petersen Lone, Department of Obstetrics and Gynecology, Odense University Hospital and OPEN, Department of Clinical Medicine, Southern University of Denmark, Odense - Denmark; Hammer Anne, Department of Obstetrics and Gynecology, Gødstrup Hospital, Herning and Department of Clinical Medicine, Aarhus University, Aarhus - Denmark; Elfström Miriam, Center for Cervical Cancer Prevention, Karolinska University Hospital, Stockholm and Regional Cancer Center of Stockholm-Gotland, Stockholm - Sweden; Blaakaer Jan, Department of Clinical Research, University of Southern Denmark, Odense - Denmark; Bennetsen Mary Holten, Department of Pathology, Randers Regional Hospital, Randers, - Denmark; Jensen Joergen Skov, Research Unit for Reproductive Microbiology, Statens Serum Institut, Copenhagen - Denmark; Andersen Berit, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital, Randers and Department of Clinical Medicine, Aarhus University, Aarhus - Denmark

**ICS17700-78** Screening tests profile in Amazon indigenous Brazilian women: an urgent need to expand vaccination and improve cervical cancer prevention practices  
Vale Diamo\*, Novais Iria, Coelho Camila, Machado Helymar, Surita Fernanda, Zeferino Luiz, Unicamp - Brazil

**ICS17790-87** Effects of health insurance coverage gains for uninsured individuals on colorectal cancer outcomes in the US  
van den Puttelaar Rosita\*, Harlass Matthias, Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus University Medical Center, Rotterdam, The Netherlands - Netherlands; Shi Kewei Sylvia, Yabroff K Robin, Surveillance and Health Equity Science Department, American Cancer Society, Atlanta, GA, USA - United States; Doria-Rose V Paul, Healthcare Delivery Research Program, National Cancer Institute, Bethesda, United States - United States; Hahn Anne I, Zuber Ann G, Department of Epidemiology and Biostatistics, Memorial Sloan Kettering Cancer Center, New York, NY, USA - United States

**ICS17782-88** Application of the Concept of Access in Cancer Screening Area: A Framework-focused Scoping Review  
Wang Xin\*, Li Yan Jie, Cao Meng Di, Shi Ju Fang, Office of Cancer Screening, National Cancer Center / National Clinical Research Center for Cancer / Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing - China

**ICS17728-88** What screening interventions have proven effective in increasing participation of culturally and linguistically diverse (CALD) populations in population cancer screening programs?  
Wilson Carlene\*, Flinders Health and Medical Research Institute, Flinders University, Bedford Park - Australia; McEntee Alice, Bowden Jacquie, National Centre for Education and Training on Addiction, Flinders University, Bedford Park - Australia; Hines Sonia, Mparntwe Centre for Evidence in Health, Flinders University, Bedford Park - Australia; Trigg Joshua, Bonevski Billie, Public Health, Flinders University, Bedford Park - Australia; Fairweather Kate, Discipline of Population Health, Flinders University, Bedford Park - Australia; Guillaumier Ashleigh, School of Medicine and Public Health, University of Newcastle, Newcastle - Australia; Fischer Jane, National Centre for Education and Training on Addiction, Flinders University - Australia; Smith James, Rural and Remote Health NT, Flinders University, Bedford Park - Australia

## Monitoring, evaluation and Quality Assurance

**ICS17894-92** Twenty years of breast cancer screening in the Czech Republic: performance indicators of the national organised programme  
Ambrozova Monika\*, Ngo Ondrej, Krejci Denisa, Klimes Daniel, Dusek Ladislav, Majek Ondrej, Institute of Health Information and Statistics of the Czech Republic, Prague; Institute of Biostatistics and Analyses, Faculty of Medicine, Masaryk University, Brno - Czech Republic - Skovajsova Miroslava, Breast Unit Prague, Mamma centrum Opatov, Prague - Czech Republic - Danes Jan, Department of Radiology of 1st Faculty of Medicine, Charles University and General University Hospital, Prague - Czech Republic



### **ICS18014-77** Process indicators of organized cervical cancer screening programmes in Italy: 2021 activity

Armaroli Paola\*, Giubilato Pamela, Larato Cristina, Bonifacio Fabrizio, Rizzolo Raffaella, Ronco Guglielmo, S.S.D. Epidemiologia Screening CPO-AOU Città della Salute e della Scienza di Torino, Turin - Italy - Carozzi Francesca, Dept. Experimental and Clinical Biomedical Sciences University of Florence, Florence - Italy; Mantellini Paola, Screening and Secondary Prevention Unit, Oncological Network, Prevention and Research Institute (ISPRO), Florence - Italy

### **ICS17769-93** Longitudinal metrics to evaluate organized breast cancer screening programs

Brändle Karen, Bulliard Jean-Luc\*, unisanté, Lausanne - Switzerland; ICS17770-85 First evaluation of a Swiss colorectal cancer screening program: results and lessons from the Vaud experience - Bulliard Jean-Luc\*, Ducros Cyril, Brändle Karen, unisanté, Lausanne - Switzerland

### **ICS17836-88** Importance of monitoring key indicators in a colorectal cancer screening clinical laboratory

Bisanzi Simonetta, Fuzzi Beatrice, Sani Cristina, Cellai Filippo\*, Oncologic network, prevention and research institute - Italy

### **ICS17819-89** High Risk HPV testing in the Italian national screening program for cervical cancer: the Lazio Experience

Cenci Maria\*, Rossi Francesca, Pisani Tiziana, Azienda Ospedaliera San Giovanni Addolorata, Roma - Italy

### **ICS17932-85** Probabilistic Cost-effectiveness Analysis of Low-Dose Computed Tomographic Screening for Lung Cancer Considering Overdetection

Chen Tony Hsiu-Hsi\*, Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taipei - Taiwan; Chen Sam Li-Sheng, School of Oral Hygiene, College of Oral Medicine, Taipei Medical University, Taipei - Taiwan; Smith Robert, American Cancer Society, Atlanta - United States

### **ICS17697-93** Interval cancers by sex and threshold in the Scottish Bowel Screening Programme

Clark Gavin\*, Fraser Callum, Steele Robert, University of Dundee - United Kingdom

### **ICS17882-89** Validating the OncoSim-CRC predicted effect of colonoscopy screening using results from a randomized trial.

Garner Rochelle, Nadeau Claude, Statistics Canada - Canada; Coldman Andrew\*, BC Cancer - Canada

### **ICS17881-88** Participants' satisfaction with colorectal cancer screening programs: A systematic review

Selva Anna, Clinical Epidemiology and Cancer Screening, Parc Tauli Hospital Universitari, Sabadell - Spain - Cacitti Stefano, Cadum Ennio, Deandrea Silvia\*, Health Protection Agency of Pavia, Pavia - Italy - Mosconi Giansanto, Odone Anna, Department of Public Health, Experimental and Forensic Medicine, University of Pavia, Pavia - Italy, Pylkkanen Liisa, Department of Oncology, University of Turku, Turku - Finland; Solà Ivan, Institute of Biomedical Research, Hospital de la Santa Creu i Sant Pau, Barcelona - Spain - Tora Nurià, Cancer Screening Programs. Althaia Xarxa Assistencial Universitària de Manresa, Manresa - Spain

### **ICS18010-73** Breast cancer screening target age and intervals: GRADE-adoption process of the European guidelines by the Italian national guidelines panel

Deandrea Silvia\*, Directorate General for Health, Lombardy Region, Milan; Prevention Department, Pavia Health Protection Agency, Pavia - Italy; Vecchio Riccardo, Department of Public Health, Experimental and Forensic Medicine, University of Pavia, Pavia - Italy, Capobussi Matteo, Department of Biomedical Sciences for Health, University of Milan, Milan - Italy; Ferretti Stefano, Department of Morphology, Surgery and Experimental Medicine, University of Ferrara, Ferrara - Italy; Giordano Livia, SSD Epidemiologia e Screening, CPO Piemonte, AOU Città della Salute e della Scienza, Turin - Italy; Giorgi Rossi Paolo, Epidemiology Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia, Reggio Emilia - Italy - Paci Eugenio, Formerly Clinical Epidemiology Unit, ISPRO-Oncological Network, Prevention and Research Institute Oncological Network, Prevention and Research Institute, Florence - Italy; Zappa Marco, Istituto per lo Studio, la Prevenzione e la Rete Oncologica, Florence - Italy; Battisti Francesca, Mantellini Paola, SC Screening e Prevenzione Secondaria, Istituto per lo Studio, la Prevenzione e la Rete Oncologica, Florence - Italy



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**ICS17883-90** Patterns of cancer screening in the time period most proximal to diagnosis and associations with stage for colorectal and lung cancers

Del Vecchio Natalie\*, Zheng Yingye, Li Christopher, Public Health Sciences Division, Fred Hutchinson Cancer Center, Seattle, WA - United States; Chubak Jessica, Kaiser Permanente Washington Health Research Institute, Seattle, WA - United States; Rendle Katharine, Department of Family Medicine & Community Health, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA - United States - Halm Ethan, Rutgers Biological Health Sciences, New Brunswick, NJ - United States; Winer Rachel, Department of Epidemiology, School of Public Health, University of Washington, Seattle, WA - United States; Silver Michelle, Division of Public Health Sciences, Department of Surgery, Washington University School of Medicine, St. Louis, MO - United States; Corley Douglas, Delivery Science and Applied Research, The Permanente Medical Group; Kaiser Permanente, Northern California, Oakland, CA - United States - Greenlee Robert, Center for Clinical Epidemiology and Population Health, Marshfield Clinic Research Institute, Marshfield, WI - United States; Carroll Nikki, Burnett-Hartman Andrea, Institute for Health Research, Kaiser Permanente Colorado, Aurora, CO - United States; Haas Jennifer, Brigham and Women's Hospital, Harvard Medical School, Boston MA - United States

**ICS17888-95** The association between time to follow-up testing after a positive screening examination and diagnostic findings

Doria-Rose V Paul\*, Guzman Percy, Crosswell Jennifer, Healthcare Delivery Research Program, National Cancer Institute, Bethesda - United States; Ziebell Rebecca, Kaminen Aruna, Chubak Jessica, Kaiser Permanente Washington Health Research Institute, Seattle - United States; Kim Roger, Vachani Anil, Perelman School of Medicine, University of Pennsylvania, Philadelphia - United States; Burnett-Hartman Andrea, Institute for Health Research, Kaiser Permanente Colorado, Aurora - United States; Elston Lafata Jennifer, UNC Eshelman School of Pharmacy and UNC Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill, Chapel Hill - United States; Tiro Jasmin, Biological Sciences Division, University of Chicago, Chicago - United States; Todd Kaitlin, Zheng Yingye, Fred Hutchinson Cancer Center, Seattle - United States

**ICS17991-90** High-risk HPV prevalence in a country with low screening attendance

Eamets Dolores\*, National Health Institute Department (Estonian Cancer Screening Registry), Tallinn and Tallinn University of Technology - Estonia; Lubi Kadi, Tallinn University of Technology, Tallinn - Estonia - Saare Birgit, National Health Institute Department (Estonian Cancer Screening Registry), Tallinn - Estonia - Veerus Piret, Viiklepp Piret, Hallik Reeli, Innos Kaire, National Health Institute Department, Tallinn - Estonia

**ICS18000-72** Spanish Breast Cancer Screening Programs. Main results

Ederra Sanz Maria\*, Early Detection Section. Public Health and Labour Institute of Navarre. Pamplona - Spain; Otegi Ariztondo Arantza, Breast Cancer Screening Program, Osakidetza, Health Department. Bilbao - Spain; Castan-Cameo Susana, Population-based Screening Programs Service, General Directorate of Public Health and Addictions, Conselleria Sanitat, Generalitat Valenciana, Valencia - Spain; Fernandez Echegaray Rosario, Organizational Services, General Directorate of Health Services, Consejería de Salud, Junta de Andalucía, Sevilla - Spain; Del Cura Bilbao Alicia, Population-based Screening Unit, General Directorate of Public Health, Departamento de Sanidad, Gobierno de Aragón, Zaragoza - Spain; Blanco Gonzalez Jose Maria, Population-based Health Programs Service, General Directorate of Public Health, Consejería de Salud, Gobierno Principado de Asturias, Oviedo - Spain; Vaca Saez Yolanda, Health Promotion Service. Ceuta - Spain; Del Toro Gonzalez Oscar, INGESA, Melilla - Spain; De La Vega Prieto Mariola, ) Oncologic Programs Service, General Directorate of Health Services, Consejería de Sanidad, Gobierno de Canarias, Santa Cruz de Tenerife - Spain; Porras Gonzalez Begona, Consejería de Sanidad, Gobierno de Cantabria, Santander - Spain; Torrijano Casalengua Maria Luisa, Cancer Screening Programs Coordinator, General Directorate of Health Services, Consejería de Sanidad, Gobierno de Castilla La Mancha, Toledo - Spain - Jimenez Lopez Maria Teresa, Health Promotion and Occupational Health Service, General Directorate of Public Health, Consejería de Sanidad, Junta de Castilla Leon, Valladolid - Spain; Espinas Pinyol Josep Alfons, Cancer Screening Office Coordinator, Plan Director Oncologia, Departament de Salut, Generalitat de Catalunya, Barcelona - - Spain; Lopez Garcia Rosa, Screening Programs Coordinator, General Directorate of Public Health, Consejería de Sanidad, Junta de Extremadura, Merida - - Spain; Gomez Amorin Angel, Population-Based Screening Programs, General Directorate of Public Health, Conselleria Sanidade, Xunta de Galicia, Santiago de Compostela - Spain; Bartolome Benito Elena, ) Screening Programs Coordinator, Consejería de Sanidad, Gobierno de la Comunidad de Madrid, Madrid - Spain; Monteagudo Piqueras Olga, Health Promotion and Education Service, General Directorate of Public Health, Consejería de Salud, Gobierno de la Region

de Murcia, Murcia - Spain; Valladolid Ostiategui Natividad, San Pedro University Hospital, Consejería de Salud, Gobierno de La Rioja, Logroño - Spain; Sanchez-Contador Carmen, Breast Cancer Screening Program, General Directorate of Public Health and Participation, Conselleria de Salut, Govern Illes Balears, Palma - Spain

**IC17826-87** Interval cancer rate calculation in cervical cancer screening programmes; an international survey  
Fitzpatrick Patricia\*, Mooney Therese, Williams Yvonne, Mason Mohan Caroline, National Screening Service, Dublin - Ireland; Gleeson Grainne, Russell Noirin, CervicalCheck, National Screening Service - Ireland

**IC17830-82** Success and failure of SMS reminders in a populational-based colorectal cancer screening program (M-TICS study).  
García Montse\*, Vives Nuria, Vidal Carmen, Travier Noemie, Nino de Guzman Ena, Panera Jon Aritz, Binefa Gemma, Catalan Institute of Oncology, L'Hospitalet de Llobregat - Spain; Farre Albert, University of Dundee, Dundee - United Kingdom; Perez-Lacasta Maria Jose, University Rovira i Virgili, Reus - Spain - Ibanez-Sanz Gemma, Bellvitge University Hospital, L'Hospitalet de Llobregat - Spain

**IC17594-89** Annual screening for lung cancer by low-dose CT in formerly asbestos-exposed workers in Germany - participation and results of initial screening  
Greiner Felix\*, Keller Helena, Harth Volker, Heidrich Jan, Institute for Occupational and Maritime Medicine (ZfAM), University Medical Center Hamburg-Eppendorf (UKE), Hamburg - Germany

**IC17920-82** Performance measures of colorectal cancer screening in an opportunistic setting with a Fecal immunochemical test threshold of  $\geq 175$  ng/ml: a population-based analysis in the province of Quebec, Canada;  
Guertin Marie-Hélène\*, Vandal Nathalie, Institut national de santé publique du Québec, Québec - Canada; Ruel Guillaume, De Benedictis Oronzo, Landry-Truchon Kim, Latreille Jean, Ministère de la Santé et des Services sociaux, Québec - Canada

**IC17877-93** A pilot project for lung cancer screening with low-dose computed tomography (LDCT) in the province of Quebec, Canada: selected results of the first screening round

Massougbodji José, Rodrigue Sonia, Vandal Nathalie, Guertin Marie-Hélène\*, Institut national de santé publique du Québec - Canada; Lizotte Hélène, Martel Simon, Institut universitaire en cardiologie et pneumologie de Québec-UL - Canada

**IC17253-81** A Cluster Randomized Clinical Trial of a Multilevel Primary Care Intervention to Improve the Follow-up of Overdue Abnormal Cancer Screening Test Results

Atlas Steven, Haas Jennifer\*, Mass General Hospital - United States; Tosteson Anna, Burdick Timothy, Zhao Wenyan, Hort Shosana, Dartmouth - United States; Wright Adam, Vanderbilt - United States  
Orav John, Zhou Li, Brigham and Women's Hospital - United States

**IC17702-80** Real-world evidence of chest X-ray screening for lung cancer after a decrease in smoking rate

Hamashima Chisato\*, Teikyo University - Japan; Terasawa Teruhiko, Fujita Health University - Japan - Kataoka Yuki, Kyoto University - Japan; Anan Keisuke, Kyoto University - Japan; Hosono Satoyo, Nakayama Tomio, National Cancer Center - Japan

**IC17687-92** Overscreening in cervical and breast cancer screening in Japan

Hamashima Chisato\*, Teikyo University - Japan

**IC17720-80** A systematic review of radiographic and endoscopic screening for gastric cancer

Hamashima Chisato\*, Teikyo University - Japan; Tersawa Teruhiko, Hibino Masaya, Fujita Health University - Japan

**IC17730-81** German mammography screening program: adherence patterns, characteristics of (non-)participants and utilization of non-screening mammography - a longitudinal analysis

Heinig Miriam, Haug Ulrike\*, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany

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**ICS17832-84** Effectiveness of screening colonoscopy in reducing colorectal cancer incidence in Germany: a target trial emulation  
Haug Ulrike\*, Braitmaier Malte, Schwarz Sarina, Kollhorst Bianca, Didelez Vanessa, Leibniz Institute for Prevention Research and Epidemiology - BIPS - Germany

**ICS17893-91** Cervical cancer screening in the Czech Republic: Past, present and future  
Hejzmanova Katerina\*, Ngo Ondrej, Dusek Ladislav, Majek Ondrej, National Screening Centre, UZIS, Prague; Institute of Biostatistics and Analyses, Faculty of Medicine, Masaryk University, Brno - Czech Republic  
Dvorak Vladimir, Centre for Outpatient Gynaecology and Primary Care, Brno - Czech Republic - Duskova Jaroslava, Institute of Pathology, First Faculty of Medicine, Charles University in Prague and General University Hospital, Prague - Czech Republic

**ICS17924-86** Evaluating Longitudinal Adherence to Annual Lung Cancer Screening  
Henderson Louise\*, Durham Danielle, Lane Lindsay, Lamb Derek, University of North Carolina, Chapel Hill NC - United States - Rivera M Patricia, University of Rochester Medical Center, Rochester NY - United States

**ICS17811-81** Utilization of colorectal cancer screening and diagnostic colonoscopy in Germany: A longitudinal analysis  
Hornsusch Michel\*, Schwarz Sarina, Department of Clinical Epidemiology, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany; Haug Ulrike, Department of Clinical Epidemiology, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany; Faculty of Human and Health Sciences, University of Bremen, Bremen - Germany

**ICS17809-88** Screen-detected vs. non-screen-detected colorectal cancer in Germany: A claims data analysis  
Hornsusch Michel\*, Schwarz Sarina, Department of Clinical Epidemiology, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany; Haug Ulrike, Department of Clinical Epidemiology, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany; Faculty of Human and Health Sciences, University of Bremen, Bremen - Germany

**ICS17824-85** Management OF pT1 colorectal cancer detected in the population based colorectal cancer screening programme (Basque Country, Spain)

Azpiazu Carlos, The Basque Health Service. OSI Ezkerraldea-Enkarterri. Medicine Preventive Service - Spain - Idigoras Isabel\*, Sainz de Rozas Irene, Bilbao Isabel, Portillo Isabel, The Basque Health Service. Screening Programme - Spain; Ballester Lluç, The Basque Health Service. OSI Donostialdea. Medicine Preventive Service - Spain; Sanchez Gonzalo, The Basque Health Service. OSI Barrealde-Galdakao. Medicine Preventive Service - Spain; Bujanda Luis, The Basque Health Service. OSI Donostialdea. Digestive Department - Spain  
Pellise Maria, Daca Maria, Clinic Hospital. Digestive Department - Spain

**ICS17820-81** Adherence to recommended follow-up in opportunistic vs. non-opportunistic cervical screening  
Nielsen Mathilde, Department of Clinical Medicine, Aarhus University - Denmark - Njor Sisse, Joergensen Susanne Fogh\*, University Research Clinic for Cancer Screening, Randers Regional Hospital - Denmark

**ICS17810-80** Adherence to follow-up and resource use after abnormal FIT-screening: An evaluation of the implementation of the Danish colorectal cancer screening program  
Joergensen Susanne Fogh\*, Larsen Pernille Thordal, Andersen Berit, Njor Sisse, University Research Clinic for Cancer Screening, Randers Regional Hospital - Denmark; Erichsen Rune, Department of Surgery, Randers Regional Hospital - Denmark; Rebolj Matejka, Cancer Prevention Group, School of Cancer & Pharmaceutical Sciences, Faculty of Life Sciences & Medicine, King's College London - United Kingdom;

**ICS17792-89Reduced** colorectal cancer mortality with population-based colorectal cancer screening in Sweden  
Jonsson Hakan\*, Department of Epidemiology and Global Health, Umeå University, Umeå - Sweden - Saraste Deborah, Blom Johannes, Department of Surgery, Södersjukhuset, Stockholm and Department of Clinical Science and Education, Karolinska Institutet, Stockholm - Sweden; Törnberg Sven, Department of Oncology and Pathology, Karolinska Institutet, Stockholm - Sweden

**ICS17791-88** Differences in tumour characteristics between screen-detected and non-screen-detected breast cancers in women 40-49, 50-59, 60-69 and 70-74 years at diagnosis in Sweden 2008-2017

Jonsson Hakan\*, Nyström Lennarth, Department of Epidemiology and Global Health, Umeå University, Umeå - Sweden

**ICS17935-88** The impact of pre-notifications and reminders on participation in colorectal cancer screening - A randomised controlled trial

Larsen Mette Bach\*, University Research Clinic for Cancer Screening, Department of Public Health Programmes Randers Regional Hospital - Denmark; Hedelund Mette, Department of Public Health Programmes Randers Regional Hospital - Denmark; Flander Louisa, University of Melbourne, School of Population and Global Health - Australia; Andersen Berit, University Research Clinic for Cancer Screening, Department of Public Health Programmes Randers Regional Hospital and Department of Clinical Medicine, Aarhus University - Denmark

**ICS17934-87** Participation in colorectal cancer screening is associated with self-reported abdominal symptoms -A cross-sectional study

Larsen Mette Bach\*, University Research Clinic for Cancer Screening, Department of Public Health Programmes Randers Regional Hospital - Denmark; Lauerberg Tinne, Steno Diabetes Center Aarhus, Aarhus University Hospital - Denmark; Emmertsen Katrine J, Department of Surgery, Randers Regional Hospital and Department of Surgery, Aarhus University Hospital - Denmark; Lauerberg Soeren, Department of Surgery, Aarhus University Hospital and Department of Clinical Medicine, Aarhus University - Denmark; Andersen Berit, University Research Clinic for Cancer Screening, Department of Public Health Programmes Randers Regional Hospital and Department of Clinical Medicine, Aarhus University - Denmark

**ICS17725-85** A Comparison of International Modelling Methods to Evaluate Health Economics of Colorectal Cancer Screening: A Systematic Review

Adair Olivia, Mc Ferran Ethna\*, Lawler Mark, Queen's University Belfast - United Kingdom; O' Mahony James F, Trinity College Dublin - Ireland; Lamrock Felicity, Queen's University Belfast - United Kingdom

**ICS18006-78** Protocol for a systematic review and Individual Participant Data (IPD) meta-analysis for risk factors for lung cancer in individuals with lung nodules identified by low-dose CT screening

Panos Alexandris\* Centre for Prevention, Detection and Diagnosis, Wolfson Institute of Population Health, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, UK,

**ICS17757-90** Effectiveness of cervical testing by age and test history

Pankakoski Maiju\*, Sarkeala Tytti, Anttila Ahti, Heinävaara Sirpa, Finnish Cancer Registry, Helsinki - Finland  
Kuitalahti Henric, University of Helsinki, Helsinki - Finland

**ICS17794-91** A register-based comparison of effects of switching from cytology to HPV-based screening in the Nordic countries

Partanen Veli-Matti\*, Finnish Cancer Registry, Helsinki - Finland; Dillner Joakim, Karolinska Institutet, Stockholm - Sweden; Tropé Ameli, Cancer Registry of Norway - Norway; Agustsson Agust Ingi, Icelandic Cancer Screening Coordination Center, Reykjavik - Iceland; Lönnber Stefan, Heinävaara Sirpa, Anttila Ahti, Finnish Cancer Registry - Finland

**ICS17993-92** Regular screening participation reduces advanced stage breast cancer: a retrospective study in Piedmont.

Piccinelli Cristiano\*, Casella Denise, Riggi Emilia, Sodano Barbara, Pitarella Sabina, Senore Carlo, Giordano Livia, Epidemiology and screening Unit - CPO, University Hospital Città della Salute e della Scienza, Turin - Italy

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**ICS17878-94** Defining the denominator in membership-based systems: Implications for calculating and comparing cancer screening uptake in opportunistic and organized settings

Rendle Katharine\*, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania - United States; Todd Kaitlin, Del Vecchio Natalie, Zheng Yingye, Fred Hutchinson Cancer Research Center, Seattle, Washington - United States; Winer Rachel, Dalmat Ronit, University of Washington, Seattle, Washington - United States; Chubak Jessica, Pocobelli Gaia, Kaminen Aruna, Kaiser Permanente Washington Health Research Institute, Seattle, Washington - United States; Tiro Jasmin, University of Chicago Medicine Comprehensive Cancer Center, Chicago, Illinois - United States; Carroll Nikki, Kaiser Permanente Colorado Institute for Health Research, Aurora, Colorado - United States; Corley Douglas, Division of Research, Kaiser Permanente Northern California, Oakland, California - United States; Halm Ethan, Robert Wood Johnson Medical School, New Brunswick, New Jersey - United States; Ghai Nirupa, Department of Quality and Systems of Care, Kaiser Permanente Southern California, Pasadena, California - United States; Balasubramanian Bijal, The University of Texas Health Science Center at Houston, School of Public Health, Dallas, Texas - United States - Kobrin Sarah, Doria-Rose V Paul, Division of Cancer Control and Population Sciences, National Cancer Institute, Bethesda, Maryland - United States

**ICS17760-84** Participation in the organized breast cancer screening program between 2005 and 2021

Rogel Agnes\*, Plaine Julie, Quintin Cecile, De Maria Florence, Sante publique France - France

**ICS17761-85** Department-level estimation and trend of opportunistic breast cancer screening practices in France

Rogel Agnes\*, Plaine Julie, Chatignoux Edouard, Quintin Cecile, Sante publique France - France

**ICS17748-90** Organization and implementation of Breast, cervical and colorectal cancer screening programmes from 84 countries: the CanScreen5 global repository

Zhang Li, Mosquera Isabel, Lucas Eric, Rol Mary Luz\*, Carvalho Andre L, Basu Partha, International Agency for Research on Cancer (IARC/WHO) - France

**ICS17745-87** Assessment of the organization and performance of 75 cervical cancer screening programmes worldwide

Zhang Li, Mosquera Isabel, Lucas Eric, RoL Mary Luz\*, Carvalho Andre L, Basu Partha, International Agency for Research on Cancer (IARC/WHO) - France

**ICS17716-85** Colorectal cancer screening with FIT - emphasis on men?

Sarkeala Tytti\*, Heinävaara Sirpa, Finnish Cancer Registry - Finland; Kuoppa Aino, Helsinki University - Finland

**ICS17817-87** Time-zero violations cause bias in observational studies on screening colonoscopy

Braitmaier Malte, Schwarz Sarina\*, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen, Germany - Germany; Didelez Vanessa, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen, Germany & Faculty of Mathematics and Computer Science, University of Bremen, Germany - Germany; Haug Ulrike, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen, Germany & Faculty of Human and Health Sciences, University of Bremen, Germany - Germany

**ICS17763-87** 13-year colorectal cancer risk: Comparing persons with a low- vs. high-quality screening colonoscopy vs. no screening colonoscopy

Schwarz Sarina\*, Department of Clinical Epidemiology, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany; Braitmaier Malte, Department of Biometry and Data Management, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen - Germany; Didelez Vanessa, Department of Biometry and Data Management, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen & Faculty of Mathematics and Computer Science, University of Bremen, Bremen - Germany - Haug Ulrike, Department of Clinical Epidemiology, Leibniz Institute for Prevention Research and Epidemiology - BIPS, Bremen & Faculty of Human and Health Sciences, University of Bremen, Bremen - Germany

**ICS17928-90** The Landscape of CRC Altered by FIT Screening: Effect of Screening Rounds on Long-term Outcome of FIT Interval Cancer

Su Chiu-Wen\*, Department of Internal Medicine, National Taiwan University Hospital - Taiwan - Hsieh Yi-Chin, Hsu Tsui-Hsia, Lin Li-Ju, Wei Shi-Lun, Health Promotion Administration, Ministry of Health and Welfare, Taipei - Taiwan

**IC17698-94** Outcomes at second fecal-based colorectal cancer screening for participants with former low risk adenomas - A nationwide cohort study on different screening intervals

Thordal Larsen Pernille\*, Fogh Joergensen Susanne, Andersen Berit, Njor Sisse, University Research Clinic for Cancer Screening, Department of Public Health Programmes, Randers Regional Hospital, Randers - Denmark

**IC17879-95** The best metrics for breast cancer screening: A qualitative study of experts' opinions

Tickle Amy\*, North Bernard, Waller Jo, Sasieni Peter, Comprehensive Cancer Centre, King's College London, London - United Kingdom; Offman Judith, Wolfson Institute of Population Health, Queen Mary University of London, London - United Kingdom

**IC17800-79** NordICC trial results in line with expected colorectal cancer mortality reduction after colonoscopy: a modelling study.

van den Berg Danica M N\*, Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus MC, University Medical Center, Rotterdam - Netherlands; Nascimento de Lima Pedro, Rutter Carolyn M, RAND Corporation, Santa Monica, California - United States; Knudsen Amy B, Institute for Technology Assessment, Department of Radiology, Massachusetts General Hospital, Boston, Massachusetts - United States; Weinberg David, Department of Medicine, Fox Chase Cancer Center, Philadelphia, PA - United States

**IC17814-84** Breast cancer mortality trends from 2001 to 2017 in two Florentine areas where screening started in the 70s and 90s

Gorini Giuseppe, Battisti Francesca, Martini Andrea, Masala Giovanna, Mantellini Paola, Oncologic Network, Prevention and Research Institute (ISPRO) - Italy; Visioli Carmen Beatriz\*,

**IC17909-89** Higher Incident and Upstaging Rate of Fecal Immunological Test Interval Cancers in Proximal than Distal Colon: A Markov Multistate Model Approach

Wei Shih-Hsiang\*, Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University - Taiwan; Li Li-Yu, Hsu Wen-Feng, Department of Internal Medicine, National Taiwan University Hospital - Taiwan; Hsu Tsui-Hsia, Department of Health Promotion Administration, Ministry of Health and Welfare, Cancer Prevention and Control Division of Internal Medicine, National Taiwan University Hospital - Taiwan

**IC17908-88** The Long-term Effectiveness of Taiwan Population-Based Mammography Screening

Yang Chang-Jung\*, Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taipei - Taiwan; Wu Chao-Chun, Chen Mei-Ru, Health Promotion Administration, Ministry of Health and Welfare, Taipei - Taiwan; Hsu Giu-Cheng, Department of Radiology, Kang-Ning General Hospital, Taipei - Taiwan

## New emerging screening programme

**IC17774-89** Overall and non-lung cancer incidence in the National Lung Screening Trial as indicators of potential for multi-cancer screening

A Clarke Dur Christina\*, A Hubbell Earl, S M Buist Diana, T Chang Ellen, GRAIL, LLC, a subsidiary of Illumina, Inc., currently held separate from Illumina Inc., under the terms of the Interim Measures Order of the European Commission dated 29 October 2021, Menlo Park, CA - United States; M Janes Sam, Hackshaw Allan, University College London, London - United Kingdom

**IC17910-81** Long-term Impact of Community-based Integrated Screening on Life Expectancy and Cause-specific Mortality

Chen Sam Li-Sheng\*, Taipei Medical University, Taipei - Taiwan; Yeh Yen-Po, Changhua County Public Health Bureau, Changhua, Taiwan - Taiwan

**IC17871-87** Implementation of lung cancer screening programs in Canada

Dr. Stephen Lam, Janette Sam, Joanne Solmundson, BC Cancer, Vancouver, Canada, Dr. Simon Martel, H el ene Lizotte, Institut Universitaire de Cardiologie et de Pneumologie de Qu ebec - Universit e Laval, Qu ebec, Canada, Nicolette Baines, Selina Costa, Shari Dworkin\*, Erika Nicholson, Canadian Partnership Against Cancer, Toronto, Canada

**IC17849-92** The worldwide evidence from randomised controlled trials of low dose CT screening for lung cancer and investigation of effects by sex

Gabe Rhian\*, Vulkan Daniel, Duffy Stephen, Wolfson Institute of Population Health, Queen Mary University of London - United Kingdom; Field John, Davies Michael, University of Liverpool - United Kingdom



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**ICS17913-84** Population pilot programme for lung cancer early detection in the Czech Republic: design and first results

Hejduk Karel\*, Koudelkova Marcela, Ngo Ondrej, Majek Ondrej, National Screening Centre, UZIS, Prague; Institute of Biostatistics and Analyses, Faculty of Medicine, Masaryk University, Brno - Czech Republic - Koziar Vasakova Martina, Department of Respiratory Medicine, Thomayer Hospital, Prague - Czech Republic - Cierna Peterova Ivana, Outpatient Clinic of Cierna-Peterova, Brandys nad Labem - Czech Republic - Mirka Hynek, Department of Radiology, University Hospital, Pilsen - Czech Republic; Seifert Bohumil, First Faculty of Medicine, Institute of General Practice, Charles University, Prague - Czech Republic; Skrickova Jana, Department of Pulmonary Diseases and Tuberculosis, University Hospital Brno, Medical Faculty of Masaryk University, Brno - Czech Republic; Koblizek Vladimir, Pulmonary Department, University Hospital, Hradec Kralove - Czech Republic

**ICS17905-85** Population Based Cancer Screening Program - A Demonstration Model In Villupuram District Tamilnadu Southern India  
J Subramanian Malliga\*, Velusamy Dhanu Raja, Rajaraman Swaminathan, Cancer Institute(Wia) - India

**ICS17904-84** Cervical cancer elimination- Are we on the path? A case study from Tamilnadu screening program  
J Subramanian Malliga\*, Velusamy Dhanu Raja, Rajaraman Swaminathan, Cancer Institute(Wia) - India

**ICS17734-85** Challenges in delivery of results and treatment for Human Papillomavirus (HPV) positive women in Burkina Faso  
Kombate Gountante\*, Traore Linda, Zongo Youssouf, JHPIEGO, Johns Hopkins University Affiliate - Burkina Faso; Toure Marie Emmanuelle, Ministry of Health, Burkina Faso - Burkina Faso; Shissler Tracey, Kabue Mark, JHPIEGO, Johns Hopkins University Affiliate - United States; Huang Lisa, Daceny Nemdia, Expertise France - Côte D'Ivoire; Dodo Mathurin, JHPIEGO, Johns Hopkins University Affiliate - Côte D'Ivoire; Gauvreau Cindy, The Hospital for Sick Children Research Institute, Toronto - Canada

**ICS17866-91** Characteristics of prostate cancer screening process in cancer survivors and in general population: prospective pilot study in the Czech Republic

Koudelkova Marcela\*, Hejzmanova Katerina, Chloupkova Renata, Ngo Ondrej, Hejduk Karel, Dusek Ladislav, Majek Ondrej, National Screening Centre, UZIS, Prague; Institute of Biostatistics and Analyses, Faculty of Medicine, Masaryk University, Brno - Czech Republic; Babjuk Marek, Department of Urology, 2nd Faculty of Medicine, Charles University, Motol University Hospital, Prague - Czech Republic; Zachoval Roman, Department of Urology, 3rd Faculty of Medicine of Charles University and Faculty Thomayer Hospital, Prague - Czech Republic

**ICS17846-89** Building a microsimulation model of gastric cancer using novel systematic review evidence supporting screening interventions  
Mülder Duco\*, O'Mahony James, Department of Public Health, Erasmus Medical Center, Rotterdam, Netherlands - Netherlands; Huang Robert, Ladabaum Uri, Division of Gastroenterology and Hepatology, Stanford University School of Medicine, Stanford, CA - United States; Hahn Anne, Department of Epidemiology and Biostatistics, Memorial Sloan Kettering Cancer Center, New York - United States; Laszkowska Monika, Gastroenterology, Hepatology, and Nutrition Service, Department of Subspecialty Medicine, Memorial Sloan Kettering Cancer Center, New York - United States; Spaander Manon, Department of Gastroenterology, Erasmus Medical Center, Rotterdam - Netherlands; Lansdorp-Vogelaar Iris, Department of Public Health, Erasmus Medical Center, Rotterdam - Netherlands

**ICS17992-91** Prostate Cancer Screening with PSA, risk calculator and multiparametric MRI: a pilot study  
Regge Daniele\*, Mazzetti Simone, Radiology Unit, Istituto di Candiolo, FPO-IRCCS, Candiolo, Turin, Italy - Italy - DeLuca Stefano, Porpiglia Francesco, Urology Unit University hospital S Luigi Gonzaga, Orbassano, Torino, Italy - Italy; Senore Carlo, Armaroli Paola, Piccinelli Cristiano, Ferrante Gianluigi, Giordano Livia, Epidemiology and screening Unit - CPO. University hospital Città della Salute e della Scienza. Turin, Italy - Italy; Ciccone Giovannino, Clinical epidemiology unit - CPO. University hospital Città della Salute e della Scienza. Turin, Italy - Italy



**ICS17873-89** Predicting Pack-Year Eligibility for Lung Cancer Screening Using Two Yes/No Questions

Rendle Katharine\*, Steltz Jennifer, Cohen Sarah, Schapira Marilyn, Wender Richard, Bekelman Justin, Vachani Anil, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania - United States

**ICS17727-87** A non-respondents project to reduce the ecological footprint of CRC screening

Seriese Iris\*, National Institute for Public Health and the Environment, Bilthoven - Netherlands

**ICS17848-91** Screening for hepatitis C virus (HCV) infection in 1969-1989 birth cohorts: introduction of a new path and preliminary results in the Local Health Authority of Bologna

Squillace Lorena\*, Pizzi Lorenzo, Chiereghin Angela, Mezzetti Francesca, Governance Of Screening Programs Unit, Lha Of Bologna - Italy; Bazzani Carmen, Screening Center, Department Of Public Health, Lha Of Bologna - Italy; Galli Silvia, Roncarati Greta, Microbiology Unit, Ircs Azienda Ospedaliero-Universitaria Di Bologna, Bologna - Italy; Roti Lorenzo, Health Management, Lha Of Bologna - Italy

**ICS17715-84** Non-physical harms of non-contrast abdominal CT scanning within the Yorkshire Kidney Screening Trial (YKST)

Usher-Smith Juliet\*, Godoy Angela, Kitt Jessica, Sharp Stephen, Stewart Grant, University of Cambridge, Cambridge - United Kingdom; Farquhar Fiona, Leeds Teaching Hospitals NHS Trust, Leeds - United Kingdom - Waller Jo, King's College London, London - United Kingdom; Shinkins Beth, Callister Matthew, University of Leeds, Leeds - United Kingdom

**ICS17765-89** Pilot lung screening in Scotland: intervention development and interim findings

Cavers Debbie, Dickie Graeme, Campbell Christine, van Beek Edwin, Akram Ahsan, Neilson Aileen, Weller David\*, University of Edinburgh, Edinburgh - United Kingdom; Rostron Jasmin, The National Institute of Economic and Social Research, London - United Kingdom; Robb Kathryn, University of Glasgow, Glasgow - United Kingdom; Sullivan Frank, Brown Lynsey, University of St Andrews, St Andrews - United Kingdom - Mackean Melanie, NHS Lothian, Edinburgh - United Kingdom; Steele Robert, University of Dundee - United Kingdom

**ICS17939-92** The false positive rate of fecal immunochemical testing on colorectal cancer screening in Dutch population: a microsimulation modelling study

Zheng Senshuang\*, de Bock Geertruida H, Department of Epidemiology, University of Groningen, University Medical Centre Groningen - Netherlands; Greuter Marcel J W, Department of Radiology, University of Groningen, University Medical Center Groningen - Netherlands; Lu Wenli, Department of Epidemiology and Health statistics, Tianjin Medical University - China

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## The role of patient and citizen's associations

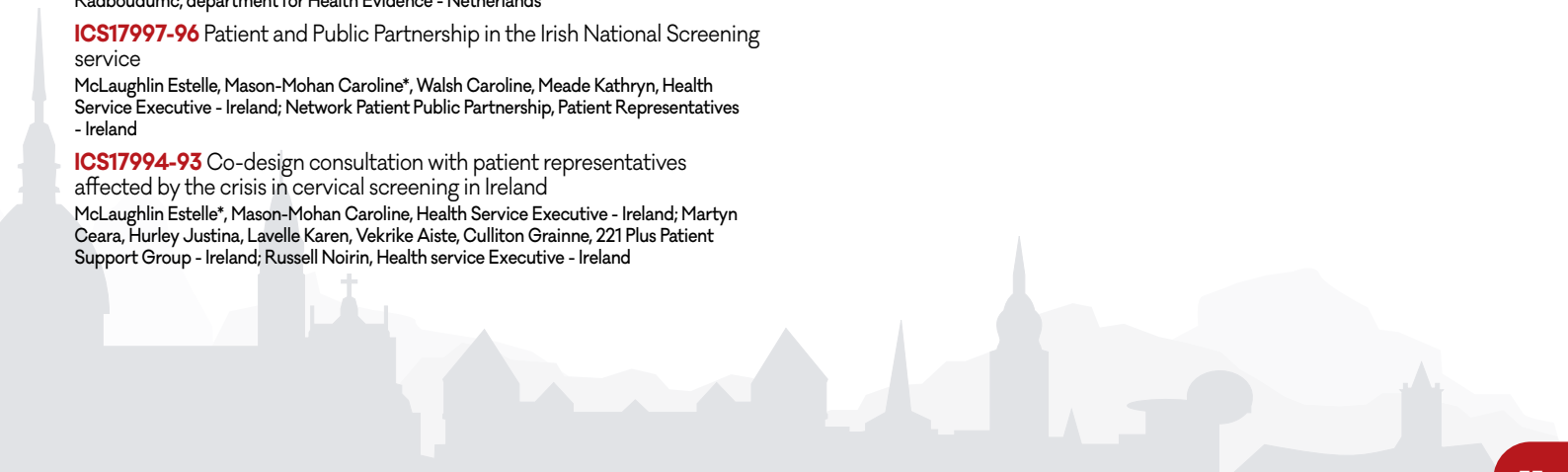
**ICS17783-89** Co-designing interventions with community panels to increase bowel cancer screening participation.

Goodwin Belinda\*, Myers Larry, Cancer Council Queensland, Brisbane - Australia; McIntosh Jennifer, Flander Louisa, Wilson Carlene, Aitouakrim Driss, Baxter Nancy, Emery Jon, Chang Shanton, Huang Jennifer, Taylor Natalie, Macrae Finlay, Mahar Robert, Eades Sandra, Jenkins Mark, University of Melbourne, Melbourne - Australia; McKay Dana, RMIT University, Melbourne - Australia; Feletto Eleonora, Canfell Karen, The Daffodil Centre, Cancer Council NSW, Sydney - Australia; Jiang Joyce, Multicultural Women's Health Centre, Melbourne - Australia; McNeil John, Monash University, Melbourne - Australia

**ICS17805-84** Social media campaign for recruitment of hrHPV-positive women for an online questionnaire on risk factors for cervical cancer  
Kregting Lindy\*, Radboudumc, department for Health Evidence - Netherlands  
van der Waal Danielle, Broeders Mireille, Dutch Expert Centre for Screening (LRCB) and Radboudumc, department for Health Evidence - Netherlands

**ICS17997-96** Patient and Public Partnership in the Irish National Screening service  
McLaughlin Estelle, Mason-Mohan Caroline\*, Walsh Caroline, Meade Kathryn, Health Service Executive - Ireland; Network Patient Public Partnership, Patient Representatives - Ireland

**ICS17994-93** Co-design consultation with patient representatives affected by the crisis in cervical screening in Ireland  
McLaughlin Estelle\*, Mason-Mohan Caroline, Health Service Executive - Ireland; Martyn Ceara, Hurley Justina, Lavelle Karen, Vekriake Aiste, Culliton Grainne, 221 Plus Patient Support Group - Ireland; Russell Noirin, Health service Executive - Ireland



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