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Confirmation Number: 1994961

Template: Full CV

Dr. Matthew Terrence Warkentin

Correspondence language: English

Sex: Male

Date of Birth: 11/18

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

Contact Information

The primary information is denoted by (*)

Address

Home (*)

323 20th Ave SW

Unit 112

Calgary Alberta T2S 2G5

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Telephone

Mobile (*) 1-905-650-7186

Email

Personal matthew.t.warkentin@gmail.com

Work (*) matthew.warkentin@ucalgary.ca

Website

Corporate <https://charbonneau.ucalgary.ca/research/candor>

Personal <https://github.com/mattwarkentin>

Dr. Matthew Warkentin

Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	Yes

Degrees

2016/9 - 2022/8	Doctorate, Epidemiology, Epidemiology, University of Toronto Degree Status: Completed Supervisors: Hung, Rayjean J.
2013/9 - 2015/10	Master's Thesis, Epidemiology, Epidemiology, Brock University Degree Status: Completed Supervisors: Tammemägi, Martin C.
2009/9 - 2013/6	Bachelor's Honours, Medical Sciences, Brock University Degree Status: Completed

Credentials

2016/9	Tri-Council Policy Statement 2: Course on Research Ethics, Panel on Research Ethics
2014/7 - 2014/7	Graduate Summer Institute of Epidemiology and Biostatistics, Johns Hopkins University

Recognitions

2025/8	Alex R. Cummings Trainee Travel Award - 500 (Canadian dollar) The University of Calgary Prize / Award Travel Award
2024/9 - 2027/8	Canadian Cancer Society Research Training Award - 223,000 (Canadian dollar) Canadian Cancer Society Research Institute Prize / Award
2024/6	Novartis Oncology Young Canadian Investigator Award - 5,000 (Canadian dollar) Novartis Canada Prize / Award
2022/9	Eyes-High Postdoctoral Match-Funding Fellowship - 50,000 (Canadian dollar) The University of Calgary Prize / Award
2019/1 - 2019/4	Teaching Assistantship - 2,500 (Canadian dollar) University of Toronto Prize / Award

2018/9 - 2019/8	Ontario Graduate Scholarship (OGS) - 15,000 (Canadian dollar) Government of Ontario Prize / Award
2018/1 - 2018/4	Teaching Assistantship - 2,500 (Canadian dollar) University of Toronto Prize / Award Research Disciplines: Epidemiology and Biostatistics
2017/9 - 2017/12	Teaching Assistantship - 2,500 (Canadian dollar) University of Toronto Prize / Award Research Disciplines: Epidemiology and Biostatistics
2017/9 - 2018/8	OSOTF Studentship - 15,000 (Canadian dollar) Samuel Lunenfeld Research Institute of Mount Sinai Hospital Prize / Award
2017/9 - 2022/7	Canadian Institutes for Health Research - Strategic Training for Advanced Genetic Epidemiology Fellowship - 10,000 (Canadian dollar) University of Toronto Prize / Award
2017/9 - 2018/8	Open Fellowship - 13,780 (Canadian dollar) University of Toronto Prize / Award
2017/1 - 2017/4	Teaching Assistantship - 2,500 (Canadian dollar) University of Toronto Prize / Award Research Disciplines: Epidemiology and Biostatistics
2016/9 - 2017/8	Open Fellowship - 23,492 (Canadian dollar) University of Toronto Prize / Award Research Disciplines: Epidemiology and Biostatistics
2016/9 - 2016/12	Teaching Assistanship - 2,400 (Canadian dollar) University of Toronto Prize / Award Research Disciplines: Epidemiology and Biostatistics
2016/9 - 2017/8	Research Stipend - 4,300 (Canadian dollar) Samuel Lunenfeld Research Institute of Mount Sinai Hospital Prize / Award Research Disciplines: Epidemiology and Biostatistics
2014/9 - 2015/8	Ontario Graduate Scholarship - 15,000 (Canadian dollar) Government of Ontario Prize / Award Research Disciplines: Epidemiology and Biostatistics
2014/9 - 2015/8	Dean of Graduate Studies Excellence Scholarship - 2,500 (Canadian dollar) Brock University Prize / Award

2013/11 - 2013/11	Graduate Travel Scholarship - 125 (Canadian dollar) Brock University Prize / Award
2013/9 - 2014/8	Graduate Fellowship - 7,000 (Canadian dollar) Brock University Prize / Award
2013/9 - 2014/8	Dean of Graduate Studies Entrance Scholarship - 2,000 (Canadian dollar) Brock University Prize / Award
2013/4 - 2013/8	Industrial Undergraduate Student Research Award - 5,625 (Canadian dollar) Natural Sciences and Engineering Research Council of Canada (NSERC) Prize / Award
2012/9 - 2013/4	Brock Scholar's Award - 500 (Canadian dollar) Brock University Prize / Award
2012/9 - 2013/4	Dean's Honours List (Canadian dollar) Brock University Honor
2011/9 - 2012/7	Dean's Honours List (Canadian dollar) Brock University Honor
2009/9 - 2010/4	Brock Entrance Scholarship - 1,000 (Canadian dollar) Brock University Prize / Award

User Profile

Research Specialization Keywords: Epidemiology, Biostatistics, Genetic Epidemiology, Risk Prediction Modeling, Cancer Screening and Early Detection, Lung Cancer, Cancer Epidemiology, Bayesian methods, Radiomics, Lung Function

Disciplines Trained In: Epidemiology and Biostatistics, Statistics, Genetics

Research Disciplines: Epidemiology and Biostatistics, Statistics, Genetics

Areas of Research: Lung Cancer, Epidemiology, Cancer Diagnosis and Detection, Applied Genetics, Cancer Genetics

Fields of Application: Biomedical Aspects of Human Health, Public Health

Employment

2022/9	Postdoctoral Fellow/Associate The University of Calgary Full-time Research Disciplines: Epidemiology and Biostatistics, Oncology, Statistics, Radiology, Genetics Areas of Research: Epidemiology, Cancer Diagnosis and Detection, Lung Cancer, Imaging, Cancer Genetics, Applied Genetics, Environment and Respiratory Diseases Fields of Application: Public Health, Biomedical Aspects of Human Health
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2025/9 - 2025/12	Course Instructor Oncology, Cumming School of Medicine, The University of Calgary Sessional, Lecturer
2018/9 - 2023/9	Research Associate Samuel Lunenfeld Research Institute of Mount Sinai Hospital
2016/9 - 2022/7	Doctoral Fellow Samuel Lunenfeld Research Institute of Mount Sinai Hospital
2016/9 - 2020/4	Teaching Assistant Dalla Lana School of Public Health, Public Health Sciences, University of Toronto
2019/5 - 2019/8	Visiting Scholar Harvard School of Public Health Full-time
2018/9 - 2018/12	Course Instructor Health Sciences, Applied Health Sciences, Brock University Sessional, Lecturer
2017/6 - 2017/9	Research Assistant Ontario Tobacco Research Unit
2016/2 - 2017/4	Research Associate Alberta Health Services
2015/12 - 2016/2	Research Assistant Department of Health Sciences, Faculty of Applied Health Sciences, Brock University
2016/9 - 2016/1	Statistician Niagara Emergency Medical Services
2013/9 - 2015/12	Teaching Assistant Department of Health Sciences, Faculty of Applied Health Sciences, Brock University
2014/5 - 2014/8	Epidemiologist Niagara Region Public Health
2013/4 - 2013/8	Statistical Analyst Entomogen Inc.

Affiliations

The primary affiliation is denoted by (*)

2018/4	Associate Member, American Association for Cancer Research
2017/9	Strategic Training in Advanced Genetic Epidemiology (STAGE) Trainee, University of Toronto
2016/9	Doctoral Fellow (Trainee), Samuel Lunenfeld Research Institute of Mount Sinai Hospital
2016/9	Doctoral Student, Dalla Lana School of Public Health, University of Toronto
(*) 2016/9	Associate Member, International Lung Cancer Consortium
2016/2 - 2017/4	Research Associate, Department of Cancer Epidemiology and Prevention Research, Alberta Health Services

Research Funding History

Awarded [n=3]

Collaborator Sex Concordant versus Discordant Patient-Physician Dyads and Associations with Cancer Outcomes, Grant, Operating

Funding Sources:

Canadian Institutes of Health Research (CIHR)
Project Grant: Fall 2023
Total Funding - 800,000 (Canadian dollar) (Canadian dollar)

Co-investigator The REFRAME Project - Rapid Evaluation FRAMework for the Modification of Cancer ScrEening Guidelines, Grant, Operating

2024/11 - 2026/10 (PREPARE) Polygenic Risk Scores for Prevention and Early Intervention: A Precision
Principal Investigator Population Health Approach to Cancer Control, Grant, Operating

Funding Sources:

University of Calgary
Glen and Erin Rumpel Award in Cancer Screening, Detection, and
Risk Reduction Research
Total Funding - 75,000
Funding Competitive?: Yes

Declined [n=6]

Co-applicant Examining subsequent primary cancers among cancer survivors: optimizing colorectal cancer screening for cancer survivors, Grant, Operating

Co-applicant Survived, but forgotten: personalizing breast and colorectal cancer screening for cancer survivors., Grant, Operating

Co-investigator The REFRAME Project - Rapid Evaluation FRAMework for the Modification of Cancer ScrEening Guidelines., Grant, Operating

Collaborator Addressing the access inequity of early lung cancer screening programs by establishing the first lung tumour biobank to collect comprehensive details on non-tobacco sources of lung cancer, Grant, Operating

Co-applicant Examining breast and colorectal screening adherence and optimizing outcomes among cancer survivors in Alberta, Grant, Operating

Principal Investigator Optimizing lung cancer screening programs with artificial intelligence decision-support tools., Grant, Operating

Under Review [n=5]

Co-investigator RISK-SCAN: Risk-Informed Screening for Early-Onset Colorectal Neoplasia, Grant, Operating

Co-applicant Radioactive Air Pollutant Induced Disease (RAPID) Prevention - Understanding and preventing health risks from particle radiation-emitting radioisotope inhalation, as modified by genetic ancestry and mixed exposure with combustion particulates, Grant, Operating

Co-knowledge User Balancing Benefits and Harms: Insights into Breast Cancer Screening for Canadian Women in Their 40s, Grant, Operating

Co-applicant Resilience Rx: A Randomized Controlled Trial of Personalized Life Coaching to Reduce Burnout Among Oncologists, Grant, Operating

Co-applicant Survived, but overlooked: personalizing breast and colorectal cancer screening for survivors of adult cancers., Grant, Operating

Courses Taught

2025/09/01 - Course Instructor, The University of Calgary
2025/12/31 Course Title: Advanced Topics and Applications in Epidemiology
Course Code: MDCH 742
Course Level: Graduate
Academic Session: Fall

2018/09/01 - Course Instructor, Brock University
2018/12/31 Course Title: Epidemiology
Course Code: MPHA 5P03
Course Level: Graduate
Academic Session: Fall

Student/Postdoctoral Supervision

Bachelor's Honours [n=1]

2025/5 - 2025/8 Riley Ngo, University of Calgary
Co-Supervisor Thesis/Project Title: Tobacco endgames in low and middle income countries
Present Position: Summer Internship

Master's non-Thesis [n=1]

2025/5 - 2025/8 Harmony Smith, University of British Columbia
Co-Supervisor Thesis/Project Title: Developing a programmatic interface to the Statistics Canada Web
Data Services API
Present Position: Summer internship

Master's Thesis [n=1]

2025/9 David Griffin, University of Calgary
Academic Advisor Thesis/Project Title: Economic burden of radon attributable non-small cell lung cancer
Present Position: Trainee

Journal Review Activities

Reviewer, Journal of Thoracic Oncology
Reviewer, International Journal of Cancer
Reviewer, BMC Cancer
Reviewer, Scientific Reports
Reviewer, International Journal of Epidemiology
Reviewer, Respiratory Research
Reviewer, Cancer Epidemiology, Biomarkers & Prevention

Reviewer, Cancer Epidemiology

Conference Review Activities

Reviewer, Canadian Cancer Research Conference (CCRC), Blind

Reviewer, Canadian Society for Epidemiology and Biostatistics (CSEB), Blind

Community and Volunteer Activities

2014/9 - 2015/8	Graduate Member, Brock University - Bioscience Research Ethics Board Conduct reviews of applications for ethics approval for research involving human participants. Participate in both delegated reviews, and full-board reviews for above minimal risk applications. Contribute to ongoing development and modulation of ethics board protocol.
2013/5 - 2013/8	Volunteer Epidemiologist, Niagara Region Public Health Volunteer work in Surveillance, Health Assessment, Research and Evaluation unit. Conducted statistical analysis using SAS, SPSS, and Excel. Gained research experience through work on various projects and exposure to public health epidemiology through experiential learning. Responsible for data collection using surveys, compiling, and analyzing data.
2013/1 - 2013/3	Volunteer, ThinkFirst Niagara Part of an initiative to visit local primary schools to deliver information on importance of head safety in prevention of brain and spinal cord injuries. Helped create the ThinkFirst program plan being implemented in the Brain Day school initiative for the local chapter
2011/10 - 2011/11	Public Consultation Surveyor, Niagara Region Public Health Traveled to various flu clinic locations to disseminate public health surveys. Responsible for informing participants of surveying purpose and confidentiality.

Other Memberships

2012/5	Student Member, Canadian Society for Epidemiology and Biostatistics
2012/5	Affiliate Member, Association of Public Health Epidemiologists of Ontario

Presentations

- (2025). The Current and Future Role of Artificial Intelligence for Lung Cancer Screening and Early Detection. Canadian Respiratory Conference, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No
- (2025). Artificial Intelligence for Medical Image Analysis: Applications to Lung Cancer Screening and Early Detection. Canadian Society for Epidemiology and Biostatistics 2025 Conference, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No
- (2024). Beyond Boundaries: The AI Revolution in Cancer Research and Care. Cracking the Cancer Code Public Lecture Series, Canada
Main Audience: General Public
Invited?: Yes, Keynote?: Yes

4. (2024). The Current and Future Role of Artificial Intelligence for Lung Cancer Screening and Early Detection. Precision Oncology Experimental Therapeutics (POET) International Congress in Precision Oncology, Calgary, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No
5. (2024). Hands-on with R and OpenM++ for Microsimulation. 9th World Congress of the International Microsimulation Association, Austria
Main Audience: Researcher
Invited?: Yes, Keynote?: No
6. (2022). Radiomics analysis to predict pulmonary nodule malignancy using machine learning approaches. The 2022 Annual Meeting of the International Lung Cancer Consortium (ILCCO): Relevance for CT Screening, United States of America
Main Audience: Researcher
Invited?: No, Keynote?: No
7. (2021). Absolute risk models for lung cancer mortality in an Asian population based on China Kadoorie Biobank. The 2021 Annual Meeting of the International Lung Cancer Consortium (ILCCO) Early Career Researcher Session, Canada
Main Audience: Researcher
Invited?: No, Keynote?: No
8. (2021). Quantitative imaging for pulmonary nodule assessment. The 2021 Annual Meeting of the International Lung Cancer Consortium (ILCCO), Canada
Main Audience: Researcher
Invited?: No, Keynote?: No
9. (2019). Lung cancer polygenic risk scores incorporating functional annotations using a machine learning approach. Integrative Etiology, Genomic, and Biomarker Analysis of Lung Cancer Annual Meeting, France
Main Audience: Researcher
Invited?: No, Keynote?: No
10. (2018). Approaches for Quantitative Image Analysis in Lung Screening Programs. Integrative Etiology, Genomic, and Biomarker Analysis of Lung Cancer Annual Meeting, Canada
Main Audience: Researcher
Invited?: No, Keynote?: No

Publications

Journal Articles

1. O'Sullivan, DE; Hilsden, RJ; Warkentin, MT; Brenner, DR; Cheung, WY; Ruan, Y. (2025). Risk of developing subsequent primary colorectal cancer among non-colorectal cancer survivors: implications for screening. American Journal of Preventive Medicine. TBD: TBD.
Revision Requested,
2. Warkentin, MT; Murray, JA; Ruan, Y; Graff, K; Tremblay, A; Brenner, DR. (2025). Age-specific lung cancer incidence trends in Canada from 1992 to 2022. Cancer Epidemiology. 95: 102774.
First Listed Author
Published,
Refereed?: Yes, Open Access?: Yes
Number of Contributors: 6

3. Warkentin, MT; Brenner, DR. (2025). One size does not fit all: The need for expanded risk-based cancer screening approaches in Canada. CMAJ. TBD: TBD.
First Listed Author
Revision Requested,
Refereed?: Yes
4. Warkentin, MT; Hutchinson, JM; Ruan, Y; Brenner, DR. (2025). openmpp: An R package for dynamic microsimulation modeling using OpenM++. JOSS. 10(109): 7435.
First Listed Author
Published,
Refereed?: Yes, Open Access?: Yes
5. Lynch, BM; Warkentin, MT; Harper, T; Evans, S; Brenner, DR; Milne, RL. (2025). Cancer control measures have prevented 230,000 deaths in Australia since the mid-1980s. Australian and New Zealand Journal of Public Health. TBD: TBD.
Co-Author
Published,
Refereed?: Yes
6. Peroni, HJ; Graff, K; Romatowski, N; Warkentin, MT; Dumoulin, E; Gillson, A; Li, P; Stollery, D; Vakil, E; Hergott, CA; MacEachern, P; Fortin, M; Dhaliwal, I; Mitchell, M; Shieh, B; Chung-Chun, T; Tremblay, A;. (2025). Endobronchial Ultrasound Guided Transbronchial Needle Aspiration With 19-Gauge Needle Versus 21 or 22-Gauge Needle for Mediastinal Lymphadenopathy: An Updated Analysis of the SCOPE database. CHEST Pulmonary.
Revision Requested,
7. Phellan Aro, R; Lam, S; Warkentin, MT; Murison, K; Liu, G; Diergaarde, B; Yuan, JM; Wilson, DO; Khodayari-Moez, E; Brhane, Y; Myers, R; Meza, R; Hung, RJ. (2025). Integrated deep learning evaluation of screening chest CT with clinical features improves lung cancer risk prediction. Radiology. TBD: TBD.
Co-Author
Revision Requested,
Refereed?: Yes
8. Banik, K; Ruan, Y; Stephen, MM; Hutchinson, JM; Carbonell, C; Warkentin, MT; Coldman, A; Garner, R; Jalal, H; Brenner, DR. (2025). Shooting for the moon: Can we cut cancer mortality in Canada by 50% by 2050?. Canadian Journal of Public Health. 32: 10732748251319485.
Co-Author
Published,
Refereed?: Yes
9. Nicolau, IA; Warkentin, MT; Doll, C; Bryant, H; Brenner, DR. (2025). Increasing cervical cancer rates among younger women in Canada: Age-specific cervical cancer incidence trends in Canada, 1992-2022. JCO Oncology Advances. 2: 1.
Co-Author
Published,
10. Warkentin, MT; Brenner, DR; Cheung, WY; O'Sullivan, DE. (2025). Risk of developing a subsequent primary cancer among adult cancer survivors. Cancer Epidemiology, Biomarkers, and Prevention. 34(1): 174-181.
First Listed Author
Published,
Refereed?: Yes
Number of Contributors: 4

11. Iloghali, I; Graff, K; Warkentin, MT; Tremblay, A; Yang, H. (2025). Concordance of a Web-based Lung Cancer Risk Self-Assessment Tool with Nursing Risk Assessment. CHEST Pulmonary. TBD: TBD.
Co-Author
Published,
Refereed?: Yes
12. Lemelin, A; Maj, D; Takemura, K; Boyne, DJ; Warkentin, MT; Brenner, DR; Cheung, WY; Wells, JC; Labaki, C; McGregor, BA; Meza, L; Pal, SK; Beuselinck, B; McKay, RR; Szabados, B; Powles, T; Yuasa, T; Ludwig, L; Choueiri, TK; Heng, DYC. (2025). CABOSEQ 3– Comparison of cabozantinib versus sunitinib following first-line nivolumab plus ipilimumab for metastatic renal cell carcinoma(mRCC): A target trial emulation using real-world data from the IMDC.Clinical Genitourinary Cancer. TBD: TBD.
Published,
Refereed?: Yes
13. Murison, KR; Warkentin, MT; Khodayari-Moez, E; Brhane, Y; Liu, G; Hung, RJ. (2024). Respiratory function as a prognostic factor for lung cancer patients from screening and general populations. TBDAnnals of the American Thoracic Society. Nov 26: TBD.
Co-Author
Published,
Refereed?: Yes
Number of Contributors: 7
14. Basmadjian, RB; Ruan, Y; Hutchinson, JM; Warkentin, MT; Alagoz, O; Coldman, A; Brenner, DR. (2024). Examining breast cancer screening recommendations in Canada: The projected resource impact of screening among women aged 40-49. Journal of Medical Screening. 6: 1-9.
Co-Author
Published,
Refereed?: Yes
15. Warkentin, MT; Tammemägi, MC; Vakil, E; Bedard, ELR; Cheung, WY; Brenner, DR; Tremblay, A. (2024). Brief Report: Evaluating Early-Stage Lung Cancer Survival Patterns in Patients at the Upper Age Limit for Lung Cancer Screening. Journal of Thoracic Oncology. 20(4): 507-512.
First Listed Author
Published,
Refereed?: Yes
16. Carbonell, C; Stephen, MM; Ruan, Y; Warkentin, MT; Brenner, DR. (2024). Next generation weight loss drugs for the prevention of cancer?. Cancer Control. 31: 1-7.
Co-Author
Published,
17. Farah, E; Kenney, M; Boyne, DJ; Warkentin, MT; Cheung, WY; Brenner, DR. (2024). Examining external control arms in oncology: A scoping review of applications to date. Cancer Medicine. 13(13): e7447.
Co-Author
Published,
18. Cheung, WY; Carbonell, C; Navani, V; Sangha, RS; Ewara, E; Pacitti, J; Iczkovitz, S; Jarada, TN; Warkentin, MT. (2024). Real-world treatment patterns, health outcomes, and healthcare resource use in advanced common EGFR-positive NSCLC patients treated with osimertinib in Alberta. Current Oncology. 31(8): 4382-4296.
Last Author
Published,
Refereed?: Yes

19. Hutchinson, JM; Chow, J; Farah, E; Warkentin, MT; Ruan, Y; Hilsden, RJ; Brenner, DR. (2024). Body Mass Index and the Risk of High-Risk Colorectal Adenomas in a Population Undergoing Screening Colonoscopies in Alberta, Canada. *Cancer Causes & Control*. 35(12): 1525-1529.
Co-Author
Published,
Refereed?: Yes
20. Heer, E; Ruan, Y; Warkentin, MT; Hilsden, RJ; Brenner, DR. (2024). Age-specific colorectal cancer incidence trends in Canada, 1971-2021. *Cancer Epidemiology*. 91: 102640.
Co-Author
Published,
Refereed?: Yes
21. Cornish, N; Westbury, SK; Warkentin, MT; Thirlwell, C; Mumford, AD; Haycock, PC. (2024). Association between tumour somatic mutations and venous thromboembolism in the 100,000 Genomes Project cancer cohort: a study protocol. *Wellcome Open Research*. 9: 640.
Co-Author
Published,
Refereed?: Yes
22. Warkentin, MT; Ruan, Y; Ellison, LF; Billette, JM; Demers, A; Liu, FF; Brenner, DR. (2024). Progress in site-specific cancer mortality in Canada over the last 70 years. *Scientific Reports*. 14(1): 5688.
First Listed Author
Published,
Number of Contributors: 7
- [23.](#) Ruan, Y; Heer, E; Warkentin, MT; Jarada, TJ; O'Sullivan, DE; Hao, D; Ezeife, D; Cheung, WY; Brenner, DR. (2023). The association between neighborhood-level income and cancer stage at diagnosis and survival in Alberta. *Cancer*. 130(4): 563-575.
Published,
Refereed?: Yes
- [24.](#) Warkentin, MT; Al-Sawaihey, H; Lam, S; Liu, G; Diergaarde, B; Yuan, JM; Wilson, DO; Atkar-Khattra, S; Grant, B; Brhane, Y; Khodayari-Moez, E; Murison, KR; Tammemägi, MC; Campbell, KR; Hung, RJ. (2023). Radiomics analysis to predict pulmonary nodule malignancy using machine learning approaches. *Thorax*. TBD: TBD.
Published,
Refereed?: Yes
25. Khodayari-Moez, E; Brhane, Y; Warkentin, MT; Lam, S; Field, JK; Liu, G; Montunenga, LM; Zulueta, JJ; Valencia, K; Mesa-Guzman, M; Atkar-Khattra, S; Davies, MPA; Grant, B; Nialet, AP; Amos, CI; Robbins, HA; Johansson, M; Hung, RJ. (2023). Circulating Proteome for Pulmonary Nodule Malignancy. *JNCI: Journal of the National Cancer Institute*. Jun 27: djad122.
Published,
Refereed?: Yes
- [26.](#) Warkentin, MT; Ruan, Y; Ellison, LF; Billette, JM; Demers, A; Liu, FF; Brenner, DR. (2023). Progress in cancer control leads to a substantial number of cancer deaths avoided in Canada. *JNCI: Cancer Spectrum*. 7(6): 1-3.
Published,
Refereed?: Yes
27. Zhang, Y; Grant, BM; Hope, AJ; Hung, RJ; Warkentin, MT; Lam, AC; Aggawal, R; Xu, M; Shepherd, FA; Tsao, MS; Xu, W. (2023). Using Recurrent Neural Networks to Extract High-Quality Information From Lung Cancer Screening Computerized Tomography Reports for Inter-Radiologist Audit and Feedback Quality Improvement. *JCO Clinical Cancer Informatics*. 7: e2200153.
Published,
Refereed?: Yes

28. MacEachern, P; Warkentin, MT; Brenner, DR; Bedard, EL; Tremblay, A. (2023). Probability of lung cancer in a population excluded from screening due to low PLCOM2012 risk. *Cancer Epidemiology*. 84: 102368. Published,
Refereed?: Yes
29. Robbins, HA; Alcala, K; Khodayari-Moez, E; Guida, F; Thomas, S; Zahed, H; Warkentin, MT; Smith-Byrne, K; Brhane, Y; Muller, D; Albanes, D; Aldrich, MC; Arslan, AA; Bassett, J; Berg, CD; Cai, Q; Chen, C; Davies, MPA; Diergaarde, B; Field, JK; Freedman, ND; Huan, WY; Johansson, M; Jones, M; Koh, WP; Lam, S; Lan, Q; Langhammer, A; Liao, LM; Liu, G; Malekzadeh, R; Milne, RL; Montuenga, LM; Rohan, T; Sesso, HD; Severi, G; Sheikh, M; Sinha, R; Shu, XO; Stevens, VL; Tammemägi, MC; Tinker, LF; Visvanathan K; Wang, Y; Wang, R; Weinstein, SJ; White, E; Wilson, D; Yuan, JM; Zhang, X; Zheng, W; Amos, CI; Brennan, P; Johansson, M; Hung RJ. (2023). Design and methodological considerations for biomarker discovery and validation in the Integrative Analysis of Lung Cancer Etiology and Risk (INTEGRAL) Program. *Annals of Epidemiology*. 77: 1-12. Published,
Refereed?: Yes
30. Quinn, KL; Abdel-Qadir, H; Barrett, K; Bartsch, E; Beaman, A; Biering-Sørensen, T; Colacci, M; Cressman, A; Detsky, A; Gosset, A; Lassen, MH; Kandel, C; Khaykin, Y; Shaw, LL; Lovblom, E; MacFadden, DR; Perkins, B; Rothman, K; Skaarup, KG; Stall, N; Tang, T; Yarnell, C; Zipursky, J; Warkentin, MT; Fralick, M. (2022). Variation in the Risk of Death due to COVID-19: An International Multicenter Cohort Study of Hospitalized Adults. *Journal of Hospital Medicine*. 17(10): 793-802. Published,
Refereed?: Yes
31. Bosma, NA; Warkentin, MT; Gan, CL; Karim, S; Heng, DYC; Brenner, DR, Lee-Ying, R. (2022). Efficacy and Safety of First-line Systemic Therapy for Metastatic Renal Cell Carcinoma by IMDC Risk Score: A Systematic Review and Network Meta-analysis. *Eur Urol Open Sci*. Jan 22(37): 14-26. Published,
Refereed?: Yes
32. Warkentin, MT; Tammemägi, MC; Espin-Garcia, O; Budhathoki, S; Liu, G; Hung, RJ. (2022). Lung Cancer Absolute Risk Models for Mortality in an Asian Population using the China Kadoorie Biobank. *JNCI: Journal of the National Cancer Institute*. 114(12): 1665-73. Published,
Refereed?: Yes
33. Hung, RJ; Warkentin, MT; Brhane, Y; Chatterjee, N; Christiani, DC; Landi, MT; Caporaso, NE; Liu, G; Johansson, M; Albanes, D; Le Marchand, L; Tardon, A; Rennert, G; Bojesen, SE; Chen, C; Field, JK; Kiemeny, LA; Lazarus, P; Zienolddiny, S; Lam, S; Andrew, AS; Arnold, SM; Aldrich, MC; Bickeboller, H; Risch, A; Schabath, MB; McKay, JD; Brennan, P; Amos, CI. (2021). Assessing Lung Cancer Absolute Risk Trajectory based on a Polygenic Risk Model. *Cancer Research*. 15(81(6)): 1607-15. Published,
Refereed?: Yes
34. Kachuri, L; Johansson, M; Rashkin, SR; Graff, RE; Bosse, Y; Manem, V; Caporaso, NE; Landi, MT; Christiani, DC; Vineis, P; Liu, G; Scelo, G; Zaridze, D; Wu, X; Albanes, D; Aldrich, MC; Tardon, A; Rennert, G; Chen, C; Goodman, GE; Doherty, JA; Bickeboller, H; Field, JK; Teare, MD; Kiemeny, L; Bojesen, SE; Haugen, A; Zienolddiny, S; Lam, S; Le Marchand, L; Cheng, I; Schabath, MB; Duell, EJ; Andrew, AS; Manjer, J; Lazarus, P; Arnold, S; McKay, JD; Emami, NC; Warkentin, MT; Brhane, Y; Obeidat, M; Martin, R; Relton, C; Smith, GD; Haycock, PC; Amos, CI; Brennan, P; Witte, JS Hung RJ. (2020). Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. *Nature Communications*. 11(1): 1-14. Published,
Refereed?: Yes

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37. Warkentin, MT; Lam, S; Hung, RJ. (2019). Determinants of impaired lung function and lung cancer prediction among never-smokers in the UK Biobank cohort. *EBioMedicine - Published by the Lancet*. 47: 58-64.
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Number of Contributors: 6
39. Brenner, DR; Shaw, E; Yannitsos DH; Warkentin MT; Brockton NT; McGregor E; Town S; Hilsden RJ. (2018). The association between recreational physical activity, sedentary time, and colorectal polyps in a population screened for colorectal cancer. *Cancer Epidemiology*. 53: 12-20.
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Number of Contributors: 8
40. Warkentin, MT; Tammemägi, MC; Freedman, MT; Ragard, LR; Hocking, WG; Kvale, PA; Brenner, DR; Ping, H; Riley, TL; Commins, J; Church, TR; Berg, CB. (2018). Factors Associated with Small Aggressive Non-Small Cell Lung Cancers in the National Lung Screening Trial: A Validation Study. *Journal of the National Cancer Institute Cancer Spectrum*. 2(1): pkx010.
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Number of Contributors: 12
- [41.](#) Warkentin, MT; Morris, D; Bebb, G; Brenner, DR. (2017). The role of DNA repair capacity in lung cancer risk among never-smokers: A systematic review of epidemiologic studies. *Cancer Treatment and Research Communications*. 13: 13-24.
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Number of Contributors: 4

Funding Sources: Canadian Cancer Society Research Institute (CCSRI) - 703917

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Number of Contributors: 6

Book Chapters

1. Warkentin MT, Latifovic L, Liu G, Hung RJ. (2021). *Cancer Epidemiology*. Lea Harrington, Ian F. Tannock, Richard Hill, Dave Cesco. *The Basic Science of Oncology*. Sixth
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Published, McGraw-Hill Education, Canada

Conference Publications

1. Warkentin, MT; Ngo, R; Ruan, Y; Tremblay, A; Brenner, DR; O'Sullivan, DE;. (2025). Risk of developing a primary lung cancer among women with a history of pre-menopausal or post-menopausal breast cancer. Canadian Cancer Research Conference, Calgary, Canada,
Conference Date: 2025/11
Poster
Published
Refereed?: Yes, Invited?: No
2. Hutchinson, JM; Jarada, TN; Farah, E; Liu, YN; Warkentin, MT; Ellison, LF; Holmes, E; Woods, RR; Nicolau, IA; Turner, D; Shack, L; Fitzgerald, N; Dixon, M; Gillis, J; Brenner, DR;. (2025). The Canadian Cancer Statistics Dashboard (CCSD). Canadian Cancer Research Conference, Calgary, Canada,
Conference Date: 2025/11
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Refereed?: Yes, Invited?: No
3. Ngo, R; Tremblay, A; Brenner, DR; Warkentin, MT;. (2025). A scoping review of AI-in-the-loop for decision-making in lung cancer screening. Canadian Cancer Research Conference, Calgary, Canada,
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Published
Refereed?: Yes, Invited?: No
4. O'Sullivan, DE; Warkentin, MT; Brenner, DR; Ruan, Y;. (2025). Risk of developing a different-site subsequent primary cancer among cancer survivors in Canada. Canadian Cancer Research Conference, Calgary, Canada,
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Refereed?: Yes, Invited?: No
5. Warkentin, MT; Ruan, Y; Brenner, DR; Tremblay, A; O'Sullivan, DE;. (2025). Risk of developing a subsequent primary lung cancer among adult non-lung cancer survivors. Canadian Cancer Research Conference, Calgary, Canada,
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6. Hutchinson, JM; Warkentin, MT; Ruan, Y; Brenner, DR;. (2025). openmpp: An R package for dynamic microsimulation modelling using OpenM++. Canadian Cancer Research Conference, Calgary, Canada, Conference Date: 2025/11
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7. Graff, K; Warkentin, MT; Hampton, L; Yang, H; Tremblay, A;. (2025). Impact of PLCOm2012 Ethnicity Model Variations on Eligibility for Lung Cancer Screening. Canadian Cancer Research Conference, Calgary, Canada, Conference Date: 2025/11
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8. Warkentin, MT; Peroni, HJ; Tremblay, A;. (2025). NEBULA: Neural Network for Endobronchial Ultrasound Lung Lesion Assessment. Cumming School of Medicine AI Symposium: Beyond the Algorithm, Calgary, Canada, Conference Date: 2025/10
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9. Warkentin, MT; Mullin, ML; Brenner, DR; Tremblay, A;. (2025). Evaluating Large Language Models for Summarizing Radiology Reports into Personalized Patient Letters in a Lung Cancer Screening Program. Cumming School of Medicine AI Symposium: Beyond the Algorithm, Calgary, Canada, Conference Date: 2025/10
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10. Khodayari Moez, E; Murison, KR; Warkentin, MT; Diergaarde, B; Wilson, DO; Yuan, JM; Lam, S; Field, JK; Davies, MPA; Liu, G; Montuenga, LM; Brhane, Y; Phellan, Aro R; Amos, CI; Robbins, HA; Johansson, M; Hung, RJ. (2025). Integrating circulating protein biomarkers in risk prediction model for nodule malignancy based on 5 international lung cancer screening cohorts. World Conference on Lung Cancer, Barcelona, Spain, Conference Date: 2025/9
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11. Griffin, DC; MacDonald, IE; Danforth, JM; Pearson, DD; Mazher, S; Fu, R; Shamsi, SIA; Stephen, MM; Liu, N; Warkentin, MT; Spackman, E; Brenner, DR; Gibson, AAW; Dean, ML; Navani, V; Cheung, WY; Goodarzi, AA; Ezeife, DA. (2025). Economic burden of radon attributable non-small cell lung cancer: a cost analysis. World Conference on Lung Cancer, Barcelona, Spain, Conference Date: 2025/9
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12. Cheung, WY; Henning, JW; Shokar, S; Warkentin, MT; Senhaji-Mouhri, Z; Badin, M; Nam, A;. (2025). Pathological complete response rates, treatment patterns, and survival outcomes in high risk, neoadjuvant-treated HER2-positive early breast cancer: a Canadian chart review. San Antonio Breast Cancer Symposium (SABCS), San Antonio, United States of America, Conference Date: 2025/9
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13. Sutherland, RL; Ruan, Y; Hutchinson, J; Warkentin, MT; O'Sullivan, DE; McIntyre, J; Forbes, N; Cheung, WY; Lix, L; Rabeneck, L; Tinmouth, J; Hilsden, RJ; Brenner, DR. (2025). Impact of circulating microRNAs to identify high-risk adenomas among FIT+ patients undergoing colonoscopy screening. Canadian Society for Epidemiology and Biostatistics 2025 Conference, Montreal, Canada,
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14. Nicolau, IA; Warkentin, MT; Doll, C; Bryant, H; Brenner, DR. (2025). Increasing cervical cancer rates among younger women in Canada: Age-specific cervical cancer incidence trends in Canada, 1992-2022. Canadian Society for Epidemiology and Biostatistics 2025 Conference, Montreal, Canada,
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15. Warkentin, MT; Ruan, Y; Brenner, DR; Tremblay, A; O'Sullivan, DE. (2025). Risk of developing a subsequent primary lung cancer among adult non-lung cancer survivors. Canadian Society for Epidemiology and Biostatistics 2025 Conference, Montreal, Canada,
Conference Date: 2025/8
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16. O'Sullivan, DE; Warkentin, MT; Hilsden, RJ; Brenner, DR; Ruan, Y. (2025). Risk of developing subsequent primary breast and colorectal cancers among different-site adult cancer survivors: implications for prevention and early detection. Canadian Society for Epidemiology and Biostatistics 2025 Conference, Montreal, Canada,
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17. O'Sullivan, DE; Warkentin, MT; Hilsden, RJ; Brenner, DR; Ruan, Y. (2025). Risk of developing subsequent primary breast and colorectal cancers among different-site adult cancer survivors: implications for prevention and early detection. Cancer Prevention Research Conference, London, United Kingdom,
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18. Warkentin, MT; Ruan, Y; Brenner, DR; Tremblay, A; O'Sullivan, DE. (2025). Risk of developing a subsequent primary lung cancer among adult non-lung cancer survivors. Cancer Prevention Research Conference, London, United Kingdom,
Conference Date: 2025/6
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19. Ding, PQ; Warkentin, MT; Cheung, WY. (2025). Rethinking future workforce planning by developing novel metrics of complexity in cancer care. American Society of Clinical Oncology (ASCO) 2025 Annual Meeting, Chicago, United States of America,
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20. Cheung, WY; Shokar, S; Warkentin, MT; Senhaji-Mouhri, Z; Parackal-Rochard, A; Henning, JW. (2025). Treatment Patterns, Overall Survival (OS), and Healthcare Resource Utilization (HCRU) among Patients with HER2-positive (HER2+), High- or Intermediate-Risk, Early-Stage Breast Cancer (eBC) in Canada. European Society for Medical Oncology (ESMO) Breast Cancer 2025, Munich, ,
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21. Warkentin, MT; Cheung WY; Brenner DR; O'Sullivan DO. (2024). Risk of subsequent primary cancers among cancer survivors. American Society of Clinical Oncology (ASCO) 2024 Annual Meeting, ,
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22. Murison, KR; Warkentin, MT; Khodayari Moez, E; Brhane, Y; Liu, G; Hung, RJ. (2024). Respiratory Function as a Prognostic Factor for Lung Cancer Patients from Screening and General Populations. World Conference on Lung Cancer, ,
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24. Warkentin, MT; Brenner, DR. (2024). Lung Cancer in Canada, and building a prospective biospecimen resource integrating environmental exposomics. Radiation and Air Pollutant Induced Disease (RAPID) Prevention and Early Detection Workshop, ,
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25. Warkentin, MT; Vakil, E; Bedard, ELR; Cheung, WY; Brenner, DR; Tremblay, A. (2024). Evaluating Early-Stage Lung Cancer Survival Based on Age and Morbidity to Inform the Upper Age Limit for Screening. World Conference on Lung Cancer, ,
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26. Sun, Z; Meza, R; Diasparra, M; Yong, JHE; Garner, R; Warkentin, MT; Coldman, A. (2024). Projected Impact of the Age of Initiation for Lung Cancer Screening on Health Outcomes and Healthcare Resources in Canada. World Conference on Lung Cancer, ,
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27. Warkentin, MT; Ruan, Y; Tremblay, A; Brenner, DR. (2024). The Impact of Tobacco Control on Lung Cancer Mortality Across 48 Countries. World Conference on Lung Cancer, ,
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30. Ruan, Y; Yong, J; Warkentin, MT; Sun, Z; Garner, R; Jalal, H; Coldman, A; Meza, R; Brenner, DR. (2023). Shooting for the Moon: Can we cut cancer mortality by 50% by 2050?. Canadian Cancer Research Conference, Halifax, Canada,
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31. Ruan, Y; Yong, J; Warkentin, MT; Sun, Z; Garner, R; Jalal, H; Coldman, A; Meza, R; Brenner, DR. (2023). Shooting for the Moon: Can we cut cancer mortality by 50% by 2050?. Canadian Cancer Research Conference, Halifax, Canada,
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32. Warkentin, MT; Ruan, Y; Ellison, LF; Billette, JM; Demers, A; Liu, FF; Brenner, DR. (2023). Making Progress in Cancer Control: The Number of Cancer Deaths Avoided in Canada. Canadian Cancer Research Conference, Halifax, Canada,
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33. Lemelin, A; Takemura, K; Boyne, DJ; Warkentin, MT; Brenner, DR; Cheung, WY; Wells, JC; Labaki, C; McGregor, BA; Basappa, NS; Meza, L; Pal, SK; Beuselinck, B; McKay, RR; Szabados, B; Powles, T; Yuasa, T; Ludwig, L; Choueiri, TK; Heng, DYC. (2023). CABOSEQ: Outcomes of patients with metastatic renal cell carcinoma treated with second-line cabozantinib or sunitinib following upfront nivolumab plus ipilimumab: Results from the International Metastatic Renal Cell Carcinoma Database Consortium. European Society for Medical Oncology 2023 Congress, Madrid, Spain,
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34. Warkentin, MT; Cheung, WY; Brenner, DR; O'Sullivan, DE. (2023). Risk of subsequent primary cancers among cancer survivors in Alberta. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
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35. Warkentin, MT; MacEachern, P; Brenner, DR; Bedard, EL; Tremblay, A. (2023). Probability of lung cancer in a population excluded from screening due to low PLCOM2012 risk. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
Conference Date: 2023/6
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36. Hutchinson, JM; Warkentin MT; Jarada TJ; Hilsden RJ; Cheung WY; Brenner DR. (2023). Using Machine Learning to Identify Colorectal Cancers Based on Alberta Practitioner Claims Data. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
Conference Date: 2023/6
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37. Murison, KR; Warkentin, MT; Khodayari-Moez, E; Brhane, Y; Liu, G; Hung, RJ. (2023). Respiratory function as a prognostic factor for lung cancer patients in screening and general populations. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
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38. Ruan, Y; Heer, H; Warkentin, MT; OSullivan, DE; Jarada, TJ; Hao D; Ezeife D; Cheung WY; Brenner DR. (2023). Association of neighborhood-level income with cancer stage at diagnosis and survival among cancer patients in Alberta. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
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39. Hutchinson, JM; Jarada TJ; Farah E; Warkentin MT; Liu N; Sein B; Hilsden RJ; Bryant H; Cuthbert C; Hanna T; O'Sullivan DE; Sadowski D; Sawyer M; Tang P; Horne F; Wong C; Cheung WY; Brenner DR. (2023). Developing an Alberta Colorectal Cancer Activity Dashboard Using Administrative Health Data. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
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40. Warkentin, MT; Boyne, DJ; Jarada, TJ; Heng, DYC; Morris, DG; Cheung, WY; Brenner, DR. (2023). Prediction of long-term survivorship among high-fatality stage 4 solid tumors in Alberta: a province-wide, population-based analysis. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
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41. Warkentin, MT; Al-Sawaihey, H; Lam, S; Liu, G; Diergaarde, B; Yuan, JM; Wilson, DO; Atkar-Khattra, S; Grant, B; Brhane, Y; Khodayari-Moez, E; Murison, KR; Tammemägi, MC; Campbell, KR; Hung, RJ. (2023). Radiomics analysis to predict pulmonary nodule malignancy using machine learning approaches. Canadian Society for Epidemiology and Biostatistics 2023 Conference, Halifax, Canada,
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42. Warkentin, MT; Tammemägi, MC; Espin-Garcia, O; Budhatoki, S; Liu, G; Hung, RJ. (2021). Risk prediction models for lung cancer mortality in an Asian population based on China Kadoorie Biobank. Canadian Society for Epidemiology and Biostatistics (CSEB) 2021 Conference, Canada,
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43. Warkentin, MT; Hung, RJ. (2018). Determinants of impaired lung function among never-smokers in the UK Biobank cohort. American Association for Cancer Research Annual Meeting 2018, Chicago, United States of America,
Conference Date: 2018/4
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44. Shaw, E; Warkentin, MT; McGregor, SE; Town, S; Hilsden, R; Brenner, DR. (2017). Intake of Dietary Fibre and Lifetime Nonsteroidal Anti-inflammatory Drug (NSAID) Use and the Incidence of Colorectal Polyps in a Population Screened for Colorectal Cancer. CSEB 2017 Biennial Conference - Epidemiology and Biostatistics: From Molecules to Population, Banff, Canada,
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Refereed?: Yes, Invited?: No

45. Brenner, DR; Yannitsos, DH; Warkentin, MT; Shaw, E; Brockton, NT; McGregor, SE; Town, S; Hilsden, RJ. (2016). Recreational Physical Activity, Sedentary Time, and the Incidence of Colorectal Polyps in a Screening Population for Colon Cancer. American Association for Cancer Research - Improving Cancer Risk Prediction for Prevention and Early Detection, Chicago, United States of America, Conference Date: 2016/11
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46. Warkentin, MT; Tammemägi, MC. (2015). Factors associated with small aggressive non-small cell lung carcinoma. Canadian Cancer Research Conference, Toronto, Canada, Conference Date: 2015/4
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47. Warkentin, MT; Tammemägi, MC. (2015). Factors Associated with Small Aggressive Non-Small Cell Lung Carcinomas: Preliminary Results. Mapping the New Knowledge's Graduate Student Research Conference, St. Catharines, Canada, Conference Date: 2015/4
Abstract
First Listed Author
Published
Refereed?: Yes, Invited?: No

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Dr. Alain Tremblay

Correspondence language: English

Sex: Male

Date of Birth: 4/13

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

Contact Information

The primary information is denoted by (*)

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Protected when completed

Dr. Alain Tremblay

Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	
French	Yes	Yes	Yes	Yes	

Degrees

1998/7 - 2001/6	Post-doctorate, Pulmonary & Critical Care Medicine, Pulmonary & Critical Care Medicine, Baylor College of Medicine Degree Status: Completed
2001/3 - 2001/4	Post-doctorate, Interventional Pulmonary Medicine, Interventional Pulmonary Medicine, Centre Hospitalier Universitaire Regional de Lille Degree Status: Completed Supervisors: Dr. Chales-Hugo Marquette, 2001/3 - 2001/4
2000/7 - 2000/9	Post-doctorate, Interventional Pulmonary Medicine, Interventional Pulmonary Medicine, Cleveland Clinic Research Institute Degree Status: Completed Supervisors: Dr. Atul Mehta, 2000/7 - 2000/9
1995/7 - 1998/6	Post-doctorate, RCPSC, Internal Medicine, McGill University Degree Status: Completed
1990/9 - 1995/6	Doctorate, MDCM, Medicine, McGill University Degree Status: Completed
1988/9 - 1990/6	Diploma, DEC, Health Sciences, John Abbott College Degree Status: Completed

Credentials

2002/1	Fellow of the American College of Chest Physicians (FCCP), American College of Chest Physicians
2001/8	Unrestricted medical license in Internal Medicine, Respiratory Medicine and Critical Care Medicine, College of Physicians and Surgeons of Alberta
2000/1	Certification in Pulmonary Medicine, Royal College of Physicians and Surgeons of Canada
1999/1	Diplomate in Internal Medicine, American Board of Internal Medicine
1999/1	Certification in Internal Medicine, Royal College of Physicians and Surgeons of Canada
2001/1 - 2011/1	Diplomate in Critical Care Medicine, American Board of Internal Medicine
2000/1 - 2010/1	Diplomate in Respiratory Medicine, American Board of Internal Medicine

Recognitions

2020/1	Distinguished CHEST Educator designation (Canadian dollar) Distinction
2019/1	Chris Bolliger Award (Canadian dollar) Prize / Award
2018/1 - 2018/12	Bob Cowie AZ Award of excellence The University of Calgary Prize / Award
2015/10	Team Builder of the Year (Canadian dollar) Alberta Health Services Distinction For building of Interventional Pulmonary Medicine and Alberta Thoracic Oncology Program teams
2015/10	Alfred Soffer Research Award - 500 (United States dollar) American College of Chest Physicians Prize / Award This award is named in honor of Dr. Alfred Soffer, Master Fellow of the College, Editor in Chief of the CHEST journal from 1968 to 1993, and Executive Director for CHEST from 1969 to 1992. The Alfred Soffer Research Award is granted to CHEST 2015 abstract presenters for their outstanding original research.
2014/4	Associate Dean's Letter of Excellence (Canadian dollar) The University of Calgary Distinction To qualify for this award, teachers must have contributed a minimum of 10 teaching hours in the course and receive an average rating greater than or equal to 3.5/5 (very good/outstanding) on the student feedback.
2013/3	Achievement in Innovation Award The University of Calgary Prize / Award Offered in recognition of a successful US patent application
2013/2	Achievement in Innovation award. (Canadian dollar) The University of Calgary Distinction In recognition of Issuance of US patent 8,361,052
2008/1 - 2008/12	ARP Merit Award Department of Medicine Distinction
2007/1 - 2007/12	Innovation Award Department of Medicine - Calgary Health Region Distinction
2006/1 - 2006/12	Gold Star Teaching Award Faculty of Medicine - University of Calgary Distinction
2006/1 - 2006/12	Research Preceptor Award Department of Medicine - Calgary Health Region Distinction

2006/1 - 2006/12	Research (Clinical) Award for clinical, adjunct and research faculty Faculty of Medicine - University of Calgary Distinction
2004/1 - 2004/12	ARP Merit Award Department of Medicine Distinction
2001/11	CHEST Foundation Young Investigator Award American College of Chest Physicians Prize / Award
1995/1	Finalist, Alexander D. Stewart Prize McGill University Citation Given to a member of the McGill Medical School graduating class who presents in every respect the highest qualifications to practice the profession.
1995/1	Dr. Ezra Lozinsky Prize in Clinical Medicine McGill University Prize / Award Awarded annually to a medical resident training in one of the McGill teaching hospitals who demonstrates outstanding qualities of compassion, understanding, and acceptance of responsibility for ongoing care.
1992/1	Shirley Nancy Endman Prize McGill University Prize / Award given to the McGill Medical School student with the highest achievement in the cardiovascular physiology component of the curriculum

User Profile

Researcher Status: Researcher

Research Career Start Date: 2001/08/01

Engaged in Clinical Research?: Yes

Key Theory / Methodology: Applied clinical research. Medical device development and testing.

Research Interests: My research interest focuses on clinical aspects of interventional pulmonary medicine as well as lung cancer screening, diagnosis and treatment.

Research Experience Summary: My key research experience has followed the following themes: 1- Lung Cancer screening: I served as the site PI for the Pan-Canadian Lung Cancer Screening Study for 5 years (2008-2013) and the PI for the Alberta Lung Cancer Screening Program, a 5 year project funded by the Alberta Cancer Foundation. I am currently developing an image registry of screening images for AI development and validation. 2- Development of a novel method of treatment for malignant pleural disease: I have developed a novel treatment modality for this disease from inception, proof of concept testing, intellectual property protection and licensing to industry. A successful phase 1 human study has been completed but unfortunately an industry led multicenter trial was inconclusive. 3- Assessment and development of advanced bronchoscopic diagnostic techniques. 4- Impact of palliative pulmonary procedures on quality of life 5- Evaluation of medical simulation for bronchoscopy training and education.

Fields of Application: Pathogenesis and Treatment of Diseases

Disciplines Trained In: Internal Medicine, Pneumology

Countries: Canada

Areas of Research: Respiratory System, Lung Cancer, Cancer Diagnosis and Detection

Research Specialization Keywords: Bronchoscopy, Pleural Diseases, Lung Cancer Screening, Quality of Life, Medical simulation

Research Disciplines: Pneumology

Geographical Regions: North America

Employment

2021/10	Medical Lead - Alberta Lung Cancer Screening Program Alberta Health Services Part-time
2014/7	Professor of Medicine Medicine, Cumming School of Medicine, The University of Calgary Full-time, Term, Professor
2009/7 - 2014/6	Associate Professor of Medicine Medicine, Cumming School of Medicine, The University of Calgary Full-time, Term, Associate Professor
2006/7 - 2009/6	Clinical Associate Professor of Medicine Medicine, Medicine, The University of Calgary Full-time, Term, Associate Professor Tenure Status: Non Tenure Track
2001/8 - 2006/6	Clinical Assistant Professor of Medicine Medicine, Medicine, The University of Calgary Full-time, Term, Assistant Professor Tenure Status: Non Tenure Track

Affiliations

The primary affiliation is denoted by (*)

(*) 2006/1 Member, Arnie Charbonneau Cancer Institute

Research Funding History

Awarded [n=11]

2022/8 Principal Investigator	Title: Determination and Validation of Lung EpiCheck a Multianalyte Assay for Lung Cancer Prediction. A Case-Control Study., Contract Clinical Research Project?: Yes Funding Sources: Total Funding - 40,138 (Canadian dollar) Portion of Funding Received - 40,138 (Canadian dollar)
2021/11 Principal Investigator	A Multicenter, Randomized Controlled Trial, Prospectively Evaluating the Clinical Utility of the Nodify XL2 Proteomic Classifier in Incidentally Discovered Low to Moderate Risk Lung Nodules, Contract Clinical Research Project?: Yes Funding Sources: Total Funding - 115,327 (Canadian dollar) Portion of Funding Received - 115,327 (Canadian dollar)
2024/4 - 2027/3 Principal Investigator	Implementation of artificial intelligence support tools for lung cancer screening CT interpretation, Grant, Operating

Clinical Research Project?: Yes

Project Description: Implementation of lung cancerscreening with low-dose CT (LDCT) scan is well underway in Alberta, but thiswill result in a significant increase in workload for interpreting radiologists.We aim to implement and validate the use of qCT-Lung, an image analysissoftware designed to help in diagnosis and confirmation of the presence of lungnodules and their key characteristics. The software assists radiologists withdetection, quantification, characterization, and monitoring progression of lungnodules on LDCTs. Our goal is to reduce the additional load from lung cancerscreening on our limited radiologist resources while simultaneously improvingquality of interpretations through the implementation of ArtificialIntelligence (AI) image interpretation and reporting tools.

Funding Sources:

Alberta Health
Cancer Research for Screening and Prevention Fund
Total Funding - 915,762 (Canadian dollar)
Portion of Funding Received - 290,000 (Canadian dollar)

2023/12 - 2024/11
Principal Investigator A Retrospective Study of an Artificial Intelligence Interpretation System for Lung Cancer Screening Examinations, Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

GOMRG
Total Funding - 25,000 (Canadian dollar)
Portion of Funding Received - 25,000 (Canadian dollar)

2022/1 - 2023/12
Principal Investigator Multicenter, Randomized, Double-Blind, Placebo-Controlled, Proof of Concept Study of LSALT peptide as Prevention of Acute Respiratory Distress Syndrome (ARDS) and Acute Kidney Injury (AKI) in Patients Infected with SARS-CoV-2 (Covid-19), Contract
Clinical Research Project?: Yes

Funding Sources:

Total Funding - 238,631 (Canadian dollar)
Portion of Funding Received - 238,631 (Canadian dollar)

2020/5 - 2023/12
Principal Investigator Canadian Treatment of COVID-19 / WHO Solidarity trial. CIHR., Contract
Clinical Research Project?: Yes

Funding Sources:

Total Funding - 256,300
Portion of Funding Received - 256,300 (Canadian dollar)

2018/1 - 2021/12
Principal Investigator Stather Canadian Outcomes registry for chest ProcedurEs (SCOPE registry), Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

University of Calgary
Stather Memorial Fund
Total Funding - 77,285 (Canadian dollar)
Portion of Funding Received - 77,285 (Canadian dollar)

2020/7 - 2021/12
Principal Investigator University of Calgary Rapid Respond Fund for COVID - Clinical Trial Support, Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

University of Calgary
 Rapid Respond Fund for COVID
 Total Funding - 100,000 (Canadian dollar)
 Portion of Funding Received - 100,000 (Canadian dollar)

2020/7 - 2021/12 Calgary Health Foundation COVID-19 support grant for clinical trials, Grant, Operating
 Principal Investigator Clinical Research Project?: Yes

Funding Sources:

COVID-19 support grant
 Total Funding - 100,000 (Canadian dollar)
 Portion of Funding Received - 100,000 (Canadian dollar)

2014/4 - 2020/3 Alberta Lung Cancer Screening Program, Grant, Operating
 Principal Investigator Clinical Research Project?: Yes

Funding by Year:

2018/4 - 2019/3 Total Funding - 471,359 (Canadian dollar) (Canadian dollar)
 2017/4 - 2018/3 Total Funding - 500,691 (Canadian dollar) (Canadian dollar)
 2016/4 - 2017/3 Total Funding - 599,569 (Canadian dollar) (Canadian dollar)
 2015/4 - 2016/3 Total Funding - 466,315 (Canadian dollar) (Canadian dollar)
 2014/4 - 2015/3 Total Funding - 288,713 (Canadian dollar) (Canadian dollar)

Funding Sources:

2014/4 - 2019/3 Alberta Cancer Foundation
 Transformative Programs
 Total Funding - 2,326,648 (Canadian dollar) (Canadian dollar)
 Funding Renewable?: No
 Funding Competitive?: Yes

2015/1 - 2019/12 Cancer Screening in Asbestos Exposed Workers in Alberta, Grant, Operating
 Principal Investigator Clinical Research Project?: Yes

Funding Sources:

2014/1 - 2019/12 Western Canadian Mesothelioma Foundation
 Screening of Asbestos Exposed Workers
 Total Funding - 100,000 (Canadian dollar) (Canadian dollar)
 Funding Competitive?: No

Completed [n=2]

2014/1 - 2015/12 Canine scent detection of lung cancer from samples of exhaled breath: A minimal risk pilot
 study, Contract
 Clinical Research Project?: Yes

Funding Sources:

Total Funding - 105,588 (Canadian dollar)
 Portion of Funding Received - 105,588 (Canadian dollar)

2013/1 - 2015/12 Bronchoscopy sampling prototype development and testing., Contract
 Principal Investigator Clinical Research Project?: No

Funding by Year:

2015/1 - 2015/12	Total Funding - 13,172 (Canadian dollar) Portion of Funding Received - 100 (Canadian dollar)
2014/1 - 2014/12	Total Funding - 5,542 (Canadian dollar) Portion of Funding Received - 100 (Canadian dollar)
2013/1 - 2013/12	Total Funding - 12,165 (Canadian dollar) Portion of Funding Received - 100

Funding Sources:

2013/1 - 2015/12	Spiration, Inc. Evaluation of bronchoscopy needle sampling devices Total Funding - 30,879 (Canadian dollar) Funding Competitive?: No
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Student/Postdoctoral Supervision**Post-doctorate [n=1]**

2014/11 - 2018/2	Niloofar Taghizadeh, University of Calgary
Principal Supervisor	Thesis/Project Title: Alberta Lung Cancer Screening Present Position: research associate position within Forzani & MacPhail Colon Cancer Screening Group

Publications**Journal Articles**

1. Somayaji R , Luke DR , Lau A , Guner R , Tabak ÖF , Hepokoski M , Gardetto N , Conrad SA , Kumar SD , Ghosh K , Robbins SM , Senger DL , Sun D , Lim RKS , Liu J , Eser F , Karaali R , Tremblay A , Muruve D. (2024). Multicentre, randomised, double-blind, placebo-controlled, proof of concept study of LSALT peptide as prevention of acute respiratory distress syndrome and acute kidney injury in patients infected with SARS-CoV-2 (COVID-19).BMJ open. 14(3): e076142.
Published
2. Vakil E , Dumoulin E , Stollery D , Gillson AM , MacEachern P , Dhaliwal I , Mitchell M , Li P , Schieman C , Romatowski N , Chee AC , Tyan CC , Fortin M , Hergott CA , Tremblay A. (2024). Molecular analysis of endobronchial ultrasound needle aspirates in patients with non-small cell lung cancer: Results from the SCOPE database.Cytopathology : official journal of the British Society for Clinical Cytology. 35(3): 378-382.
Published
3. Dumoulin E , Thornton CS , MacGregor JH , Tremblay A , Chan C , MacEachern PR , Kelly MM , Somayaji R , Parkins MD , Mody CH. (2024). Combined medical-interventional approaches for the management of complex fungal balls: a case series as a viable alternative in non-surgical patients.Therapeutic advances in respiratory disease. 18: 17534666241255203.
Published
4. Tremblay A , Premji S , Thanh NX , Yang H , MacEachern P , Penz E , Cressman S , Bedard ELR. (2023). Health Care Utilization and Costs in Lung Cancer Screening Participants-A Propensity-Matched Economic Analysis.JTO clinical and research reports. 4(12): 100594.
Published

5. Tremblay A , Somayaji R , Hoang H , O'Neil C , Sonpar A , Conly J , Murthy S , Fowler R , Sligl W. (2023). Randomized trial of the safety and efficacy of anti-SARS-CoV-2 mAb in the treatment of patients with nosocomial COVID-19 (CATCO-NOS). *Journal of the Association of Medical Microbiology and Infectious Disease Canada = Journal officiel de l'Association pour la microbiologie medicale et l'infectiologie Canada*. 8(3): 214-223.
Published
6. Mponponsuo K , Murthy Y , Kanji J , Tremblay A , Khan D , Conly J , Somayaji R. (2023). Co-infection of SARS-CoV-2 with human coronavirus OC43 in a patient with underlying lung disease: A case report. *Journal of the Association of Medical Microbiology and Infectious Disease Canada = Journal officiel de l'Association pour la microbiologie medicale et l'infectiologie Canada*. 8(2): 150-153.
Published
7. Cressman S , Weber MF , Ngo PJ , Wade S , Behar Harpaz S , Caruana M , Tremblay A , Manser R , Stone E , Atkar-Khattra S , Karikios D , Ho C , Fernandes A , Yi Weng J , McWilliams A , Myers R , Mayo J , Yee J , Yuan R , Marshall HM , Fong KM , Lam S , Canfell K , Tammemägi MC. (2023). Economic impact of using risk models for eligibility selection to the International lung screening Trial. *Lung cancer (Amsterdam, Netherlands)*. 176: 38-45.
Published
8. MacEachern P , Warkentin MT , Brenner DR , Bedard ELR , Tremblay A. (2023). risk. *Cancer epidemiology*. 84: 102368.
Published
9. Vakil E , Taghizadeh N , Tremblay A. (2023). The Global Burden of Pleural Diseases. *Seminars in respiratory and critical care medicine*. 44(4): 417-425.
Published
10. Lau VI , Fowler R , Pinto R , Tremblay A , Borgia S , Carrier FM , Cheng MP , Conly J , Costiniuk CT , Daley P , Duan E , Durand M , Fontela PS , Farjou G , Fralick M , Geagea A , Grant J , Keynan Y , Khwaja K , Lee N , Lee TC , Lim R , O'Neil CR , Papenburg J , Semret M , Silverman M , Sligl W , Somayaji R , Tan DHS , Tsang JLY , Weatherald J , Yansouni CP , Zarychanski R , Murthy S , E-CATCO authors, AMMI Clinical Research Network and Canadian Critical Care Trials Group. (2022). Cost-effectiveness of remdesivir plus usual care versus usual care alone for hospitalized patients with COVID-19: an economic evaluation as part of the Canadian Treatments for COVID-19 (CATCO) randomized clinical trial. *CMAJ open*. 10(3): E807-E817.
Published
11. Jendzjowsky N , Laing A , Malig M , Matyas J , de Heuvel E , Dumonceaux C , Dumoulin E , Tremblay A , Leigh R , Chee A , Kelly MM. (2022). Long-term modulation of airway remodelling in severe asthma following bronchial thermoplasty. *The European respiratory journal*. 59(1)
Published
12. Thornton CS , Huntley K , Berenger BM , Bristow M , Evans DH , Fonseca K , Franko A , Gillrie MR , Lin YC , Povitz M , Shafey M , Conly JM , Tremblay A. (2022). Prolonged SARS-CoV-2 infection following rituximab treatment: clinical course and response to therapeutic interventions correlated with quantitative viral cultures and cycle threshold values. *Antimicrobial resistance and infection control*. 11(1): 28.
Published
13. Shrager JB , Bhatnagar R , Kearney CT , Retzlaff NP , Cohen E , Stanton AE , Keyes C , Wahidi MM , Gillespie C , Rahman N , Kerry AL , Feller-Kopman D , Nader D , Akulian J , Chen A , Berry M , Majid A , Reddy C , Tremblay A , Maskell NA. (2022). Silver Nitrate-coated versus Standard Indwelling Pleural Catheter for Malignant Effusions: The SWIFT Randomized Trial. *Annals of the American Thoracic Society*. 19(10): 1722-1729.
Published

14. Tremblay A , Ezer N , Burrowes P , MacGregor JH , Lee A , Armstrong GA , Pereira R , Bristow M , Taylor JL , MacEachern P , Taghizadeh N , Koetzler R , Bedard E. (2022). Development and application of an electronic synoptic report for reporting and management of low-dose computed tomography lung cancer screening examination.BMC medical imaging. 22(1): 111.
Published
15. Ali K , Azher T , Baqi M , Binnie A , Borgia S , Carrier FM , Cavayas YA , Chagnon N , Cheng MP , Conly J , Costiniuk C , Daley P , Daneman N , Douglas J , Downey C , Duan E , Duceppe E , Durand M , English S , Farjou G , Fera E , Fontela P , Fowler R , Fralick M , Geagea A , Grant J , Harrison LB , Havey T , Hoang H , Kelly LE , Keynan Y , Khwaja K , Klein G , Klein M , Kolan C , Kronfli N , Lamontagne F , Lau R , Fralick M , Lee TC , Lee N , Lim R , Longo S , Lostun A , MacIntyre E , Malhamé I , Mangof K , McGuinty M , Mergler S , Munan MP , Murthy S , O'Neil C , Ovakim D , Papenburg J , Parhar K , Parvathy SN , Patel C , Perez-Patrigion S , Pinto R , Rajakumaran S , Rishu A , Roba-Oshin M , Rushton M , Saleem M , Salvadori M , Scherr K , Schwartz K , Semret M , Silverman M , Singh A , Sligl W , Smith S , Somayaji R , Tan DHS , Tobin S , Todd M , Tran TV , Tremblay A , Tsang J , Turgeon A , Vakil E , Weatherald J , Yansouni C , Zarychanski R , Canadian Treatments for COVID-19 (CATCO). (2022). Remdesivir for the treatment of patients in hospital with COVID-19 in Canada: a randomized controlled trial.CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne. 194(7): E242-E251.
Published
16. Romatowski NPJ , Gillson AM , Stollery D , Dumoulin E , Vakil E , Dhaliwal I , MacEachern P , Hergott CA , Tyan CC , Mitchell M , Schieman C , Fortin M , Tremblay A. (2022). Endobronchial Ultrasound Transbronchial Needle Aspiration With a 19-Gauge Needle vs 21- and 22-Gauge Needles for Mediastinal Lymphadenopathy.Chest. 162(3): 712-720.
Published
17. Tammemägi MC , Ruparel M , Tremblay A , Myers R , Mayo J , Yee J , Atkar-Khatta S , Yuan R , Cressman S , English J , Bedard E , MacEachern P , Burrowes P , Quaife SL , Marshall H , Yang I , Bowman R , Passmore L , McWilliams A , Brims F , Lim KP , Mo L , Melsom S , Saffar B , Teh M , Sheehan R , Kuok Y , Manser R , Irving L , Steinfert D , McCusker M , Pascoe D , Fogarty P , Stone E , Lam DCL , Ng MY , Vardhanabhuti V , Berg CD , Hung RJ , Janes SM , Fong K , Lam S. (2022). USPSTF2013 versus PLCOm2012 lung cancer screening eligibility criteria (International Lung Screening Trial): interim analysis of a prospective cohort study.The Lancet. Oncology. 23(1): 138-148.
Published
18. Thanh NX , Pham TM , Waye A , Tremblay A , Yang H , Dean ML , Wasylak T , Sangha R , Stewart D. (2022). Expected Cost Savings From Low-Dose Computed Tomography Scan Screening for Lung Cancer in Alberta, Canada.JTO clinical and research reports. 3(7): 100350.
Published
19. Tremblay A , Chee AC , Dhaliwal I , Dumoulin E , Gillson A , MacEachern PR , Mitchell M , Schieman C , Stollery D , Li P , Fortin M , Tyan CC , Vakil E , Hergott C. (2021). Protocol for the Stather Canadian Outcomes Registry for Chest ProcedurEs (SCOPE).BMJ open respiratory research. 8(1)
Published
20. Lim RK , Tremblay A , Lu S , Somayaji R. (2021). Evaluating hemoptysis hospitalizations among patients with bronchiectasis in the United States: a population-based cohort study.BMC pulmonary medicine. 21(1): 392.
Published
21. Miller CRJ , Chrissian AA , Lee YCG , Rahman NM , Wahidi MM , Tremblay A , Hsia DW , Almeida FA , Shojaee S , Mudambi L , Belanger AR , Bedi H , Gesthalter YB , Gaynor M , MacKenney KL , Lewis SZ , Casal RF. (2021). Key Highlights From the American Association for Bronchology and Interventional Pulmonology Evidence-Informed Guidelines and Expert Panel Report for the Management of Indwelling Pleural Catheters.Chest. 159(3): 920-923.
Published

22. Tremblay A , Taghizadeh N , MacEachern P , Burrowes P , Graham AJ , Lam SC , Yang H , Koetzler R , Tammemägi MC , Taylor K , Bédard ELR. (2021). Two-Year Follow-Up of a Randomized Controlled Study of Integrated Smoking Cessation in a Lung Cancer Screening Program.JTO clinical and research reports. 2(2): 100097.
Published
23. Turner J , Pond GR , Tremblay A , Johnston M , Goss G , Nicholas G , Martel S , Bhatia R , Liu G , Schmidt H , Tammemagi MC , Puksa S , Atkar-Khattra S , Tsao MS , Lam S , Goffin JR. (2021). Risk Perception Among a Lung Cancer Screening Population.Chest. 160(2): 718-730.
Published
24. Tremblay A. (2020). Reply and Commentary to "Smoking Cessation Interventions in the Setting of Low-Dose Computed Tomography: Are They Effective?".Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer. 15(4): e61-e62.
Published
25. Rudkowski JL , Pond GR , Tremblay A , Johnston M , Goss G , Nicholas G , Martel S , Bhatia R , Liu G , Schmidt H , Tammemagi MC , Atkar-Khattra S , Tsao MS , Lam S , Goffin JR. (2020). Trial marketing in the Pan-Canadian Early Detection of Lung Cancer Study.Clinical trials (London, England). 17(2): 202-211.
Published
26. Vakil E , Tremblay A. (2020). Flying Blind Despite All Our Instruments.Chest. 158(4): 1312-1313.
Published
27. Shafiq M , Ma X , Taghizadeh N , Kharrazi H , Feller-Kopman DJ , Tremblay A , Yarmus LB. (2020). Healthcare Costs and Utilization among Patients Hospitalized for Malignant Pleural Effusion.Respiration; international review of thoracic diseases. 99(3): 257-263.
Published
28. Mazzone PJ , Gould MK , Arenberg DA , Chen AC , Choi HK , Detterbeck FC , Farjah F , Fong KM , Iaccarino JM , Janes SM , Kanne JP , Kazerooni EA , MacMahon H , Naidich DP , Powell CA , Raoof S , Rivera MP , Tanner NT , Tanoue LK , Tremblay A , Vachani A , White CS , Wiener RS , Silvestri GA. (2020). Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic: CHEST Expert Panel Report.Chest. 158(1): 406-415.
Published
29. Mazzone PJ , Gould MK , Arenberg DA , Chen AC , Choi HK , Detterbeck FC , Farjah F , Fong KM , Iaccarino JM , Janes SM , Kanne JP , Kazerooni EA , MacMahon H , Naidich DP , Powell CA , Raoof S , Rivera MP , Tanner NT , Tanoue LK , Tremblay A , Vachani A , White CS , Wiener RS , Silvestri GA. (2020). Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic: CHEST Expert Panel Report.Journal of the American College of Radiology : JACR. 17(7): 845-854.
Published
30. Miller RJ , Chrissian AA , Lee YCG , Rahman NM , Wahidi MM , Tremblay A , Hsia DW , Almeida FA , Shojaee S , Mudambi L , Belanger AR , Bedi H , Gesthalter YB , Gaynor M , MacKenney KL , Lewis SZ , Casal RF. (2020). AABIP Evidence-informed Guidelines and Expert Panel Report for the Management of Indwelling Pleural Catheters.Journal of bronchology & interventional pulmonology. 27(4): 229-245.
Published
31. Mazzone PJ , Gould MK , Arenberg DA , Chen AC , Choi HK , Detterbeck FC , Farjah F , Fong KM , Iaccarino JM , Janes SM , Kanne JP , Kazerooni EA , MacMahon H , Naidich DP , Powell CA , Raoof S , Rivera MP , Tanner NT , Tanoue LK , Tremblay A , Vachani A , White CS , Wiener RS , Silvestri GA. (2020). Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic: CHEST Expert Panel Report.Radiology. Imaging cancer. 2(3): e204013.
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33. Guinde J , Roy P , Dutau H , Musani A , Quadrelli S , Stratakis G , Vergnon JM , Tremblay A , Fortin M. (2020). An International Survey of Mediastinal Staging Practices amongst Interventional Bronchoscopists.*Respiration; international review of thoracic diseases*. 99(6): 508-515.
Published
34. Goffin JR , Pond GR , Puksa S , Tremblay A , Johnston M , Goss G , Nicholas G , Martel S , Bhatia R , Liu G , Schmidt H , Atkar-Khatta S , McWilliams A , Tsao MS , Tammemagi MC , Lam S. (2020). Chronic obstructive pulmonary disease prevalence and prediction in a high-risk lung cancer screening population.*BMC pulmonary medicine*. 20(1): 300.
Published
35. Tremblay A , Taghizadeh N , MacGregor JH , Armstrong G , Bristow MS , Guo LLQ , Lydell C , Pereira R , Lee A , Elliot T , MacEachern P , Graham A , Dickinson JA , Koetzler R , Lam SC , Yang H , Bédard EL , Tammemagi M , Burrowes P. (2019). Application of Lung-Screening Reporting and Data System Versus Pan-Canadian Early Detection of Lung Cancer Nodule Risk Calculation in the Alberta Lung Cancer Screening Study.*Journal of the American College of Radiology : JACR*. 16(10): 1425-1432.
Published
36. Tremblay A, Taghizadeh N, Huang J, Kasowski D, MacEachern P, Burrowes P, Graham AJ, Dickinson JA, Lam SC, Yang H, Koetzler R, Tammemagi M, Taylor K, Bédard ELR. (2019). A Randomized Controlled Study of Integrated Smoking Cessation in a Lung Cancer Screening Program.*J Thorac Oncol*. 14(9): 1528-1537. ,
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39. Taghizadeh N, Tremblay A, Cressman S, Peacock S, McWilliams AM, MacEachern P, Johnston MR, Goffin J, Goss G, Nicholas G, Martel S, Laberge F, Bhatia R, Liu G, Schmidt H, Atkar-Khatta S, Tsao MS, Tammemagi MC, Lam SC; Pan-Canadian Early Lung Cancer Study Group. (2019). Health-related quality of life and anxiety in the PAN-CAN lung cancer screening cohort.*BMJ Open*. 9(1): 024719. ,
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In Press,
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Intellectual Property

Patents

1. Use of a Drug Eluting Catheter for Pleurodesis. United States of America. 8,361,052. 2008/10/31.
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Inventors: Alain Tremblay