



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS



Providence
Health Care

BC CENTRE FOR EXCELLENCE IN HIV/AIDS

KEY OUTPUTS, RESEARCH, POLICY & INNOVATION

REPORTING PERIOD 2024 - Q3 | OCTOBER 1 - DECEMBER 31



“The Treatment as Prevention (TasP) strategy, which was developed in BC by the BC Centre for Excellence in HIV/AIDS, has laid the groundwork for the UNAIDS targets of 90-90-90 by 2020 and 95-95-95 by 2025 toward ending the global AIDS epidemic by 2030. TasP has been adopted by the United Nations and all its member countries, including Canada.”

- HON. JOSIE OSBORNE, BC MINISTER OF HEALTH
Excerpt from Minister’s World AIDS Day statement released December 1, 2024

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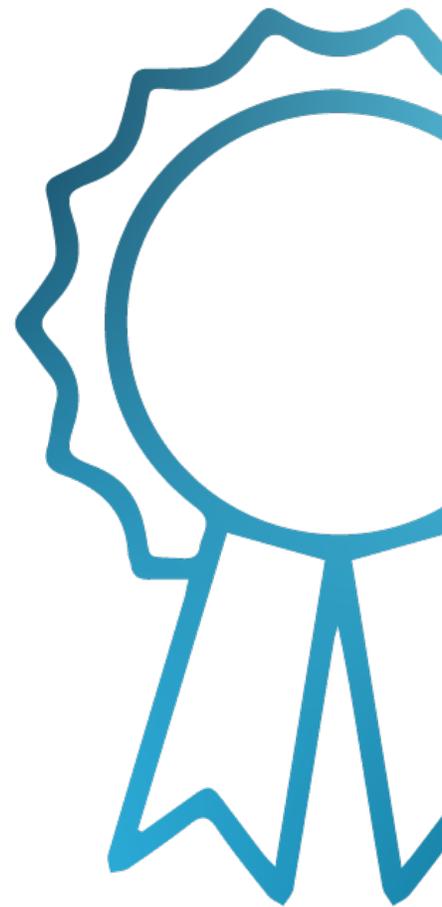
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Dr. Robert Hogg & COAST Study

“EnGendering community-led research at the intersection of HIV and the substance poisoning crisis: Developing a framework for collaborative administrative data research”

Canadian Institutes of Health Research Project Grant

\$667,025 over three years



PRESENTATIONS & EDUCATIONAL SESSIONS

PRESENTATIONS & EDUCATIONAL SESSIONS

BC-CfE Journal Clubs

Leveraging AI for HIV Treatment and Prevention

Jennifer Ormsbee
October 24, 2024

HIV/STI prevention strategies for GBM who participate in group sex: A look at past data from the BC CfE's Momentum Study

Dr. Aki Gormezano
November 21, 2024

Prevention with PURPOSE: Long-Acting Lenacapavir for HIV PrEP

Erin Ready
December 12, 2024

HIV/AIDS Webinar Learning Series

A new paradigm for cervical cancer screening

Dr. Deborah Money
October 16, 2024

Cases in Methamphetamine-Associated Psychosis

Dr. Julius Elefante
December 11, 2024

BC-CfE Hope to Health Learning Series

Improving Smoking Cessation Screening and Treatment at Hope to Health Clinic

Dr. David Cook
October 16, 2024

A Primer on Wound Care for Busy Clinicians

Dr. Jason Nguyen
October 30, 2024

PRESENTATIONS & EDUCATIONAL SESSIONS

PRESENTATIONS & EDUCATIONAL SESSIONS

Other Presentations

Treatment as Prevention: The key to end HIV/AIDS and beyond

Providence Health Care - St. Paul's Hospital
Medicine Grand Rounds
Dr. Julio Montaner
October 17, 2024

Towards the Control of Chronic Diseases: Infectious and Socially Transmissible Diseases

Argentina Academia Nacional de Medicina
Dr. Julio Montaner
November 1, 2024

Sociodemographic, clinical and immunogenetic factors influencing hiv reservoir size and total proviral load during art

NIH Martin Delaney Collaboratories for HIV Cure 2024
Maggie Duncan
November 18, 2024

Nonsuppressible viremia in non-b subtypes can be caused by expanded hiv clones with deletions in the major splice donor site

NIH Martin Delaney Collaboratories for HIV Cure 2024
Frederick Omondi
November 18, 2024

Doxy-P is on the Scene: Mapping Engagement in a New B-STI Prevention Initiative in British Columbia

Community-Based Research Centre Summit
Alex Korzuchowski
November 21, 2024

**Nonsuppressible viremia in non-B subtypes
can be caused by expanded HIV clones with
deletions in the major splice donor site**

11th CIENI, INER-Capasits Oaxaca HIV
meeting

Dr. Zabrina Brumme

December 4, 2024

PEER-REVIEWED JOURNAL ARTICLES & BOOK PUBLICATIONS

PUBLICATIONS

1: Zhabokritsky A, Klein M, Harris M, Loutfy M, Guillemi S, Tan DHS, Falutz J, Andany N, Guaraldi G, Lovblom LE, Walmsley S. Prevalence and Correlates of Frailty Among Older Adults Living With HIV in the CHANGE HIV Cohort. *J Acquir Immune Defic Syndr*. 2024 Nov 1;97(3):226-231. doi: 10.1097/QAI.0000000000003485. Epub 2024 Oct 7. PMID: 39431506; PMCID: PMC11458104.

2: Oo MM, Shukalek C, Kishibe T, Hull M, Tan DHS. HIV risk assessment tools for identifying individuals who could benefit from pre-exposure prophylaxis: a systematic review protocol. *BMJ Open*. 2024 Nov 7;14(11):e090565. doi: 10.1136/bmjopen-2024-090565. PMID: 39515851; PMCID: PMC11552022.

3: Logie CH, Sokolovic N, Casale A, Ndung'u M, Kennedy VL, Underhill A, Fallon B, Cardinal C, Webster K, Cotnam J, Kaida A, de Pokomandy A, Loutfy M. Clinical HIV outcome trajectories associated with a history of child protective service out-of-home care: Longitudinal cohort findings with women living with HIV in Canada. *HIV Med*. 2024 Sep;25(9):1051-1057. doi: 10.1111/hiv.13660. Epub 2024 May 17. PMID: 38757480.

4: Azar P, Wong JSH, Machado J, Nikoo M, Li VW, Ignaszewski MJ, Mathew N, Krausz RM, Herring AA, Mullen R, Montaner JSG, Maharaj AR. Direct Induction of Buprenorphine Extended-Release: A Case Report. *J Addict Med*. 2024 Dec 31. doi: 10.1097/ADM.0000000000001425. Epub ahead of print. PMID: 39787454.

PUBLICATIONS

5: Gill EE, Jia B, Murall CL, Poujol R, Anwar MZ, John NS, Richardsson J, Hobb A, Olabode AS, Lepsa A, Duggan AT, Tyler AD, N'Guessan A, Kachru A, Chan B, Yoshida C, Yung CK, Bujold D, Andric D, Su E, Griffiths EJ, Van Domselaar G, Jolly GW, Ward HKE, Feher H, Baker J, Simpson JT, Uddin J, Ragoussis J, Eubank J, Fritz JH, Gálvez JH, Fang K, Cullion K, Rivera L, Xiang L, Croxen MA, Shiell M, Prystajecy N, Quirion PO, Bajari R, Rich S, Mubareka S, Moreira S, Cain S, Sutcliffe SG, Kraemer SA, Alturmessov Y, Joly Y, CphIn Consortium, CanCOGeN Consortium, VirusSeq Data Portal Academic And Health Network, Fiume M, Snutch TP, Bell C, Lopez-Correa C, Hussin JG, Joy JB, Colijn C, Gordon PMK, Hsiao WWL, Poon AFY, Knox NC, Courtot M, Stein L, Otto SP, Bourque G, Shapiro BJ, Brinkman FSL. The Canadian VirusSeq Data Portal and Duotang: open resources for SARS-CoV-2 viral sequences and genomic epidemiology. *Microb Genom*. 2024 Oct;10(10):001293. doi: 10.1099/mgen.0.001293. PMID: 39401061; PMCID: PMC11472881.

6: Azar P, Li VW, Wong JSH, Nikoo M, Machado J, Ignaszewski MJ, Mathew N, Raheemullah A, Wakeman SE, Mullen R, Krausz RM, Montaner JSG, Maharaj AR. 24-Hour Induction of Transdermal Buprenorphine to Buprenorphine Extended-Release. *J Psychoactive Drugs*. 2024 Nov 19:1-5. doi: 10.1080/02791072.2024.2430616. Epub ahead of print. PMID: 39560320.

7: Namango IH, Moore SJ, Marshall C, Saddler A, Kaftan D, Tenywa FC, Makungwa

N, Limwagu AJ, Mapua S, Odufuwa OG, Ligema G, Ngonyani H, Matanila I, Bharmal J, Moore J, Finda M, Okumu F, Hetzel MW, Ross A. A matter of timing: Biting by malaria-infected *Anopheles* mosquitoes and the use of interventions during the night in rural south-eastern Tanzania. *PLOS Glob Public Health*. 2024 Dec 31;4(12):e0003864. doi: 10.1371/journal.pgph.0003864. PMID: 39739884; PMCID: PMC11687804.

8: Gumprich M, Zhang W, Li J, Salters K, Barrios R, Sereda P, Stanley C, Joe R, Hall D, Lima V, Sinclair G, Changir AM, Parry R, Fulton C, Wesseling T, Montaner J, Parashar S, Moore DM. Retention in primary care among unstably housed residents of a low-income, inner-city neighborhood with a high prevalence of substance use and related disorders. *Int J Equity Health*. 2024 Nov 28;23(1):256. doi: 10.1186/s12939-024-02332-y. PMID: 39609880; PMCID: PMC11606061.

9: Shahid A, Jones BR, Duncan MC, MacLennan S, Dapp MJ, Kuniholm MH, Aouizerat B, Archin NM, Gange S, Ofotokun I, Fischl MA, Kassaye S, Goldstein H, Anastos K, Joy JB, Brumme ZL. A simple phylogenetic approach to analyze hypermutated HIV proviruses reveals insights into their dynamics and persistence during antiretroviral therapy. *Virus Evol*. 2024 Nov 11;11(1):veae094. doi: 10.1093/ve/veae094. PMID: 39802824; PMCID: PMC11724191.

10: Emerson SD, McLinden T, Sereda P, Yonkman AM, Trigg J, Peterson S, Hogg RS, Salters KA, Lima VD, Barrios R. Secondary use of routinely collected administrative health data for epidemiologic research: Answering research questions using data collected for a different purpose. *Int J Popul Data Sci*. 2024 Nov 19;9(1):2407. doi: 10.23889/ijpds.v9i1.2407. PMID: 39620116; PMCID: PMC11606632.

11: Daroya E, Wells A, Gaspar M, Sinno J, Hull M, Lachowsky NJ, Tan DHS, Grace D. Perceptions, experiences and concerns with sexually transmitted infections among current and former PrEP users: a longitudinal qualitative study of gay, bisexual and queer men in Canada. *Sex Health*. 2024 Nov;21:SH23195. doi: 10.1071/SH23195. PMID: 39531372.

12: Rai MA, Blazkova J, Kardava L, Justement JS, Shi V, Manning MR, Shahid A, Dong W, Kennedy BD, Sewack AB, Higgins J, Buckner CM, Gittens K, West RE 3rd, Devanathan AS, Mangusan R, Lurain K, Ramaswami R, Yarchoan R, Sneller MC, Pau AK, Brumme ZL, Moir S, Chun TW. Sustained virologic suppression of multidrug-resistant HIV in an individual treated with anti-CD4 domain 1 antibody and lenacapavir. *Nat Med*. 2025 Feb;31(2):427-432. doi: 10.1038/s41591-024-03357-0. Epub 2025 Jan 3. PMID: 39753965; PMCID: PMC12120854.

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