



Center for Integration Science Second Annual Symposium Publications list with QR code links to access and download

WHO Collaborating Center on Integration Science and Service Delivery launch – Selected recent Center for Integration Science publications

Drown L, Osei M, Thapa A, Boudreaux C, Archer N, Bukhman G, et al

Models of care for sickle cell disease in low-income and lower-middle-income countries: a scoping review. The Lancet Haematology. 2024.

Adler AJ, Wroe EB, Atzori A, Bay N, Bekele W, Bhambhani VM, et al.

Protocol for an evaluation of the initiation of an integrated longitudinal outpatient care model for severe chronic non-communicable diseases (PEN-Plus) at secondary care facilities (district hospitals) in 10 lower-income countries. BMJ Open. 2024;14(1):e074182.



Bukhman, G, Mocumbi AO, Wroe E, Gupta N, Pearson L, Bermejo R, Dangou JM, Moeti M.

The PEN-Plus Partnership: addressing severe chronic non-communicable diseases among the poorest billion. Lancet Diabetes Endocrinol 11, 384–86 (2023).



Ruderman T, Ferrari G, Valeta F, Boti M, Kumwenda K, Park PH, et al.

Implementation of self-monitoring of blood glucose for patients with insulin-dependent diabetes at a rural non-communicable disease clinic in Neno, Malawi. S Afr Med J. 2023;113(2):84-90.





Olds P, Kachimanga C, Talama G, Mailosi B, Ndarama E, Totten J, et al.

Non-communicable disease burden among inpatients at a rural district hospital in Malawi. Glob Health Res Policy. 2023;8(1):4.

Boudreaux C, Salvi D, Adler AJ, Wroe EB, Coates MM, Olsen M, et al.

Realigning noncommunicable disease monitoring with health systems priorities in the Africa region. Health Promotion International. 2023;38(6).

Adler AJ, Randall T, Schwartz LN, Drown L, Matthews S, Pace LE, et al.

What women want: A mixed-methods study of women's health priorities, preferences, and experiences in care in three Rwandan rural districts. Int J Gynaecol Obstet. 2023.

Adler AJ, et al.

Understanding integrated service delivery: a scoping review of models for noncommunicable disease and mental health interventions in low-and-middle income countries. BMC Health Services Research (2023) 23:99.



Opening Remarks from CIS Executive Director Gene Bukhman

Bukhman G, Mocumbi AO, et al.

The Lancet NCDI Poverty Commission: bridging a gap in universal health coverage for the poorest billion





Moeti, M., Mocumbi A0, Bukhman, G.

Why there is new hope for the care of chronic diseases in Africa. BMJ 383, 2382 (2023).



Integration science and theories of change panel

Bukhman G, Mocumbi AO, et al.

From a Lancet Commission to the NCDI Poverty Network: reaching the poorest billion through integration science. Lancet 2021; 398: 22217-20.



Kim JY, Farmer P, Porter ME.

Redefining global health-care delivery. Lancet 2013; 382: 1060–69.



Rhatigan J, Jain S, Mukherjee JS, Porter ME.

Applying the Care Delivery Value Chain: HIV/AIDS Care in Resource Poor Settings. HBS Working Paper 09-093



Biocitizenship panel

Gomber A, Owino E, Echodu M, Gomanju A, Mategeko P, Brown L, et al.

Embodied contradictions, structural power: Patient organizers in the movement for global health justice. PLOS Glob Public Health 2023, 3(11): e0002577.





Jain Y, Jain P.

Communitisation of healthcare: peer support groups for chronic disease care in rural India. BMJ 2018;360:k85 doi: 10.1136/bmj.k85



Malawi case study panel

Banda L, Wroe E, et al.

Integrated Care Cascade Toolkit. Partners In Health/Abwenzi Pa Za Umoyo and Neno District Council Health Sector 2017



Wroe EB, et al.

Leveraging HIV platforms to work toward comprehensive primary care in rural Malawi: the Integrated Chronic Care Clinic, Healthcare (2015)



Kachimanga C, et al.

Novel approaches to screening for noncommunicable diseases: Lessons from Neno, Malawi. Malawi Medical Journal 29 (2): June 2017.



Wroe EB, Nhlema B, et al.

A household- based community health worker programme for noncommunicable disease, malnutrition, tuberculosis, HIV and maternal health: a stepped- wedge cluster randomised controlled trial in Neno District, Malawi. BMJ Global Health 2021;6:e006535. doi:10.1136/ bmjgh-2021-006535





Wroe EB, Kalanga N, Dunbar EL, et al.

Expanding access to non-communicable disease care in rural Malawi: outcomes from a retrospective cohort in an integrated NCD-HIV model. BMJ Open 2020;10:e036836. doi:10.1136/bmjopen-2020-036836



Wroe EB, Mailosi B, Price N, et al.

Economic evaluation of integrated services for non-communicable diseases and HIV: costs and client outcomes in rural Malawi. BMJ Open 2022;12:e063701. doi:10.1136/ bmjopen-2022-063701



Malawi Ministry of Health and Population, Malawi PEN-Plus Stakeholder Group, NCDI Poverty Network, Abwenzi Pa Za Umoyo/Partners In Health Malawi

Malawi PEN-Plus Operational Plan



Closing panel – Integration Science as the Engine for Global Health Equity

Donna M Hackley, Chrispinus H Mumena, Agnes Gatarayiha, Corrado Cancedda, Jane R Barrow

A Case Study Optimizing Human Resources in Rwanda's First Dental School: Three Innovative Management Tools.



Amade ES, Luchucha, Ossman E, Jamal K, Mastala A, Thorup L, Soares CJ, N'gueta RA, Mocumbi A.

Leveraging School Health Programs in Africa: Integrated Screening for Rheumatic Heart Disease and Dental Caries. Annals of Global Health. 2023; 89(1): 81, 1–8.







Morgan JP, Marino ON, Finkelman M, Mourão CF, Flubinda FS.

Rural Zambian Oral Health Transition: A Long-Term Retrospective Examination of an Outreach Program's Progress and Impact. Annals of Global Health. 2023; 89(1): 68, 1–10. DOI:https://doi.org/10.5334/aogh.4179

