

## Publications

1. **Agrawal, R., Sinha, A., Murmu, J., Kanungo, S., & Pati, S.** (2024). *Understanding the association of disability with multimorbidity, and healthcare utilization in India's older adult population: Insights from cross-sectional evidence of SAGE-2*. *Frontiers in Public Health*, 12, 1435315.  
This study analyzes nationally representative SAGE-2 data to examine how disability correlates with the presence of multiple chronic conditions and healthcare utilization patterns among older adults in India.
2. **Murmu, J., Sinha, A., Agrawal, R., Rout, B., Kanungo, S., & Pati, S.** (2025). *Sex and gender differentials in the prevalence of obesity and its association with multimorbidity among reproductive-aged individuals in India*. *Frontiers in Public Health*, 12, 1496522.  
This paper investigates gender-based differences in obesity prevalence and its link to multimorbidity among reproductive-aged individuals, offering evidence for gender-responsive public health strategies.
3. **Pati, S., Das, D., Sinha, A., Mahapatra, P., & Turuk, J.** (2024). *Teflon flu: Is it a rising concern of only developed country?* *Journal of Integrative Medicine and Research*, 2(4), 273–275.  
A commentary drawing attention to the environmental and health implications of exposure to perfluorinated compounds (PFCs), particularly in the context of developing countries.
4. **Sahoo, K. C., Suman, S. S., Mishra, M., Sinha, A., Das, D., & Pati, S.** (2025). *Water, sanitation, and hygiene among transgender population living in urban informal settlements: A qualitative study in Odisha, India*. *International Journal of Transgender Health*, 1–12.  
This qualitative study explores the WASH-related challenges faced by transgender individuals in urban informal settlements of Odisha, offering evidence to inform inclusive and equity-focused WASH policies.
5. **Mohanty, S., Behera, B., Sinha, A., Bal, M., Pati, S., & Sahoo, P. K.** (2024). *Mass drug administration to eliminate lymphatic filariasis: A population-based coverage and compliance study in Eastern India*. *Clinical Epidemiology and Global Health*, 30, 101860.  
This research assesses the population coverage and compliance of mass drug administration programs targeting lymphatic filariasis elimination in Eastern India, with implications for program improvement and community engagement.
6. **Sinha, A., Suman, S. S., Subedi, N., Sahoo, K. C., Poudel, M., Chauhan, A., ... & Pati, S.** (2024). *Epidemiology of multimorbidity in Nepal: A systematic review and meta-analysis*. *Journal of Multimorbidity and Comorbidity*, 14, 26335565241284022.  
A comprehensive synthesis of evidence on multimorbidity in Nepal, identifying prevalence patterns, determinants, and critical gaps to guide future research and policy-making.
7. **Mead, G., Todhunter-Brown, A., Abaraogu, U., Barugh, A., Chauhan, A., Lopez, J. E., ... & Flicker, L.** (2025). *Multiple Long-Term Conditions, Co-Long-Term Conditions and Polyvascular Disease: Considerations for Evidence Synthesis and Meta-Analyses*. *Cochrane Evidence Synthesis and Methods*, 3(3), e70027.  
This methodological paper outlines key considerations for conducting evidence syntheses and meta-analyses in the context of multiple long-term conditions, co-existing chronic diseases, and polyvascular disease, contributing to the development of robust and inclusive research frameworks in systematic reviews.

