

4. Global Oncology Disparities: Leveraging Technology to Improve Cancer Outcomes in Low and Middle Income Countries

1 unit, Peter Kingham, October 2, 2025

1. Importance of cancer globally
2. MSK's Global Cancer Research and Training Program
3. Examples of technology helping with early diagnosis in breast and colorectal cancers
4. Barriers to studying technologies in low- and middle-income countries

Discussion Paper:

Adeomi AA, Alatisé OI, Wishart D, MacKay S, Olasehinde O, Wuraola F, Adisa A, Mohammed T, Aderounmu A, Betiku OA, Omoyiola OZ, Adeleye AO, Ogunleye SO, Babatunde OJ, Ademakinwa OR, Owoade IA, Mobolaji J, Olcese C, Kahn R, Choonawala NR, Fitzgerald G, Hosgood HD, Kingham TP. Point-of-Care Urine Metabolomics Test to Diagnose Colorectal Cancers in Low- and Middle-Income Countries: A Pilot Controlled Trial in Southwestern Nigeria. JCO Glob Oncol. 2025 Aug;11:e2500062. doi: 10.1200/GO-25-00062. Epub 2025 Aug 6. PMID: 40768684.