Cancer prevention and population-based screening

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Abstract

Cancer prevention, screening and early detection can provide some of the greatest public health benefits for cancer control. In low resource settings, where cancer control is challenged by limited human, financial and technical resources, cancer prevention and screening are of utmost importance and can provide significant impacts on the cancer burden. Public policies, social, environmental and individual level interventions which promote and support healthy eating and physical activity can lower cancer risks. Tobacco use, a significant cancer risk factor, can be reduced through the application of key mandates of the World Health Organization Framework Convention on Tobacco Control. In addition, cancer screening programs, namely for cervical and breast cancers, can have a significant impact on reducing cancer mortality, including in low resource settings. Comprehensive cancer control programs require interventions for cancer prevention, screening and early detection, and involve sectors outside of health to create supportive environments for healthy ways of life. Sharing experiences in implementing cancer control programs in different settings can create opportunities for interchanging ideas and forming international alliances.