

Cancer screening among migrants in an Australian cohort; cross-sectional analyses from the 45 and Up Study

Author/s: Weber, M. F. Banks, E. Smith, D. P. O'Connell, D. Sitas, F. | **Year:** 2009 | **Publication type:** Journal article | **Peer reviewed:** | **Topic area/s:** Physical Health

Reference:

Key Words:

cancer screening, health literacy, years since migration, 45 & Up Study

Research aim:

The objective of this study was to examine the distribution of bowel, breast and prostate cancer test use by place of birth and years since migration in a large population-based cohort study in Australia

Results/Conclusion:

Compared to Australian-born women, women from East Asia, Southeast Asia, Continental Western Europe, and North Africa/Middle East had significantly lower rates of bowel testing, with odds ratios (OR; 95% CI) ranging from 0.5 (0.4-0.7) to 0.7 (0.6-0.9); migrants from East Asia (0.5, 0.3-0.7) and North Africa/Middle East (0.5, 0.3-0.9) had significantly lower rates of mammography. Compared to Australian-born men, bowel cancer testing was significantly lower among men from all regions of Asia (OR, 95% CI ranging from 0.4, 0.3-0.6 to 0.6, 0.5-0.9) and Continental Europe (OR, 95% CI ranging from 0.4, 0.3-0.7 to 0.7, 0.6-0.9). Only men from East Asia had significantly lower PSA testing rates than Australian-born men (0.4, 0.3-0.6). As the number of years lived in Australia increased, cancer test use among migrants approached Australian-born rates.

Implications:

Certain migrant groups within the population may require targeted intervention to improve their uptake of cancer screening, particularly screening for bowel cancer.

Cultural Group(s):

All birthplace groups

Location of study:

New South Wales

Age group:

50+

Number included in study:

31,401

Type of participants:

Participants aged 50+ in the 45 & Up Study

Research approach:

Quantitative

Type of data:

Secondary data sources used:

45 and Up Study

Specific scales or analytical techniques used:

Implications/ Recommendations:

Notes: