

Profile research program “Effects of interventions on population health”

The department of Public Health of Erasmus MC was established in 1969 and has gradually evolved to a research institute with presently 125 employees.

Public health is regarded as the science and art of preventing disease, prolonging life and promoting health through the organized efforts of society.

It focuses on research into the determinants of disease and on evaluations of health care interventions and policies. The research activities of the department have been grouped into these two domains.

The program “Effects of interventions on population health” aims to contribute to improved population health at the local, national, and international level by undertaking high-quality research and teaching activities.

This program focuses on estimating the favourable effects, unfavourable effects and cost-effectiveness of health care interventions –both new and existing ones-, particularly on the evaluation of screening and clinical interventions.

Our commitment to the improvement of population health is combined with a strong emphasis on quantitative research methods. We conduct observational as well as experimental studies and often use advanced statistical methods and computer simulation models.

This program consists of 3 sections: evaluation of screening, medical decision-making and cancer surveillance.

We strive at a continuous process of deciding on relevant and innovative topics to achieve sufficient acquisition power, high-quality scientific publications and individual profiling.

Furthermore, our ambition mandates high standards in the organization of our institute, where we strive for an open but critical atmosphere in which employees feel happy to work.

The research sections 'preventive youth health care' and 'infectious disease control' contribute to both this research program and the "determinants" domain mentioned above.