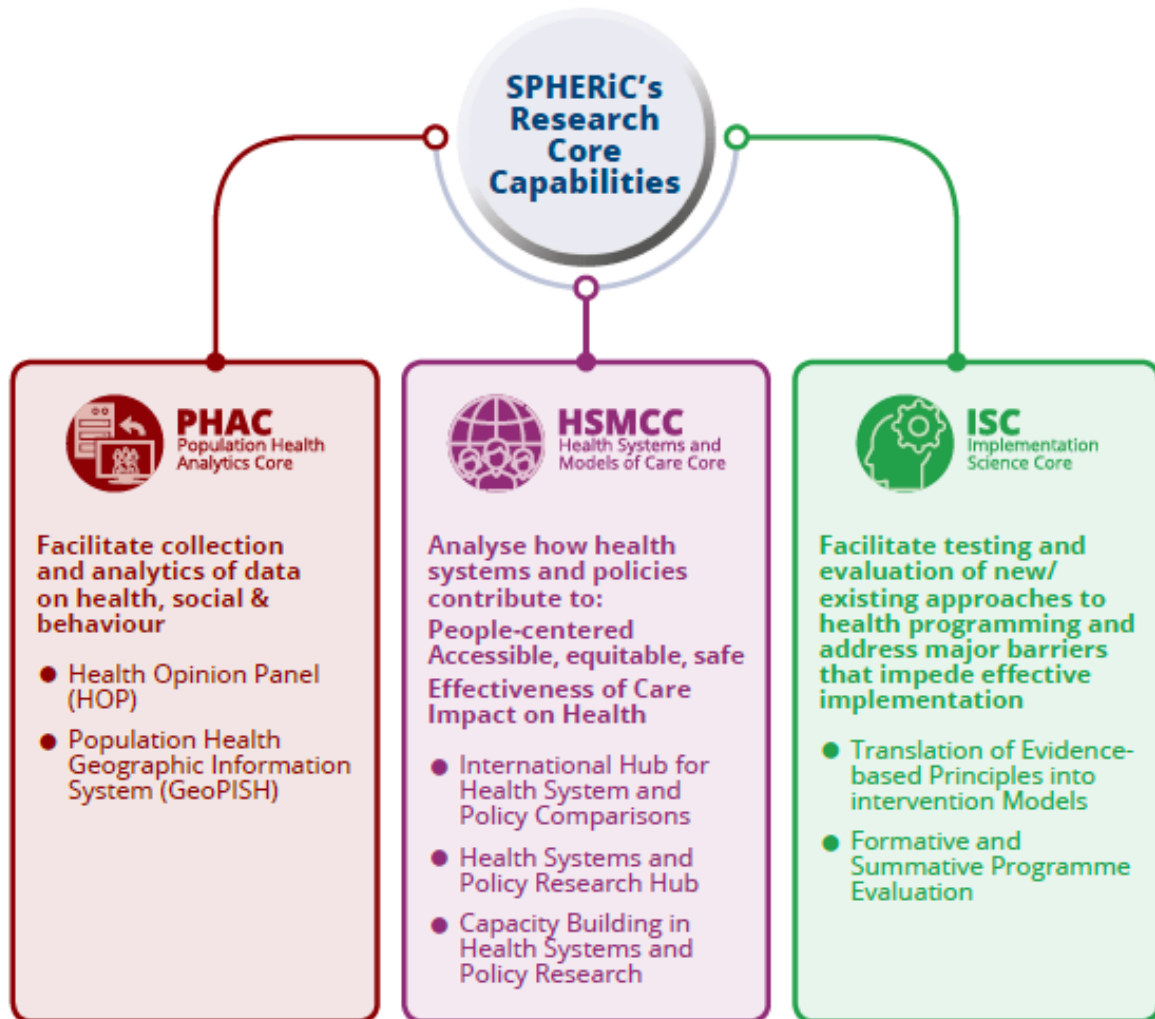


Core Capabilities



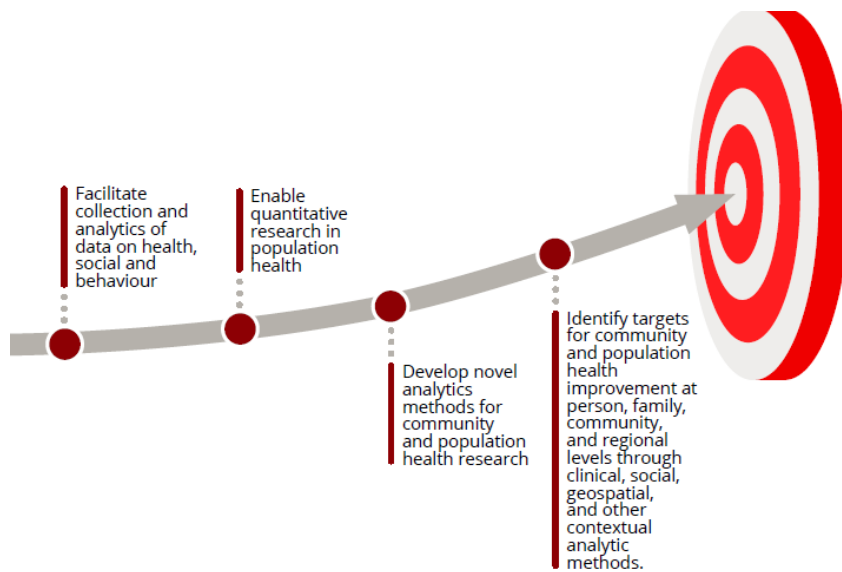


PHAC
Population Health
Analytics Core

Introduction

The PHAC will house capability to poll a ready, online panel to obtain pertinent health, social and behavioural information, perform and visualize population level analytics layered with determinants of health, as well as develop applications for collection of data for population health analytics. The two resources available within this core, combined with the advanced analytics skills of this core will nurture, and facilitate quantitative research in population health both in the western region and across Singapore.

Objectives



Capabilities

Health Opinion Panel (HOP)



A standing online cohort to field ad hoc survey requests rapidly and longitudinally. The cohort will permit health educational interventions to be fielded and assessed online.

Population Health Geographic Information System (GeoPISH)



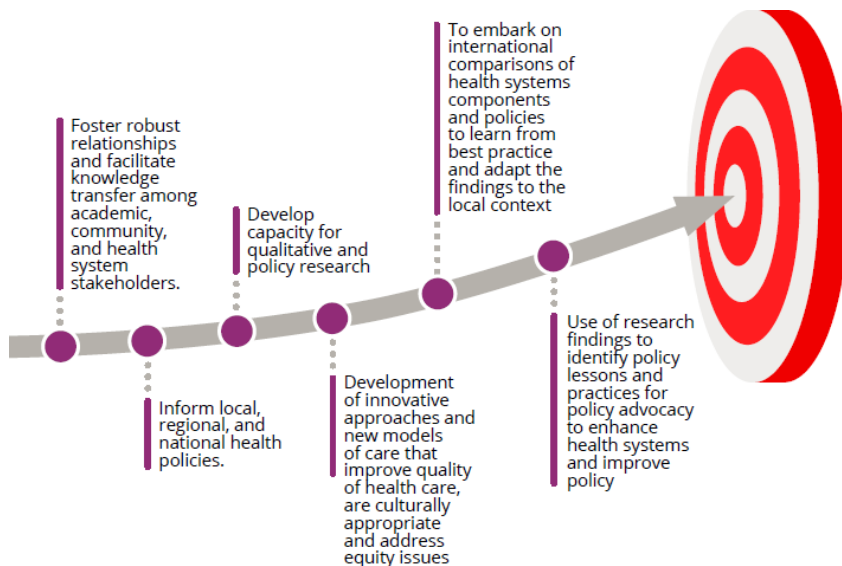
A collation of GIS data on determinants of health and health indicators together with the software and expertise are available to researchers to answer questions about population health with a spatial component.



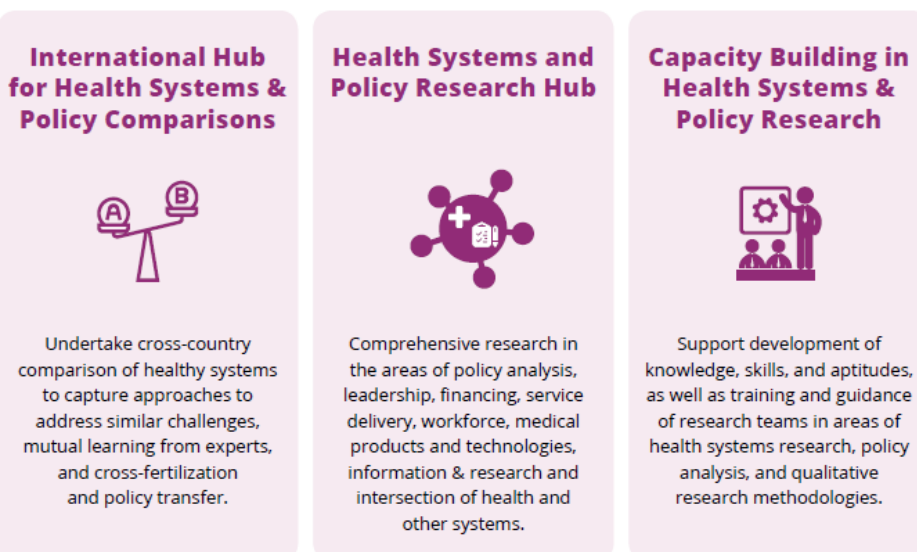
Introduction

The central aim of the Health Systems and New Models of Care Core (HSMCC) is to build a strong and robust evidence base through research and capacity-building initiatives to create health systems that are more resilient, people-centred, and innovative for improved health outcomes. The HSMC Core will facilitate better understanding of how health systems and health policies affect access, delivery and effectiveness of care and its impact on health, current care models and their gaps, and the development of new care models. This core will also contribute towards developing local expertise in health systems and policy research, and generate innovative and effective solutions to enhance health systems through cross-national comparative research.

Objectives



Capabilities

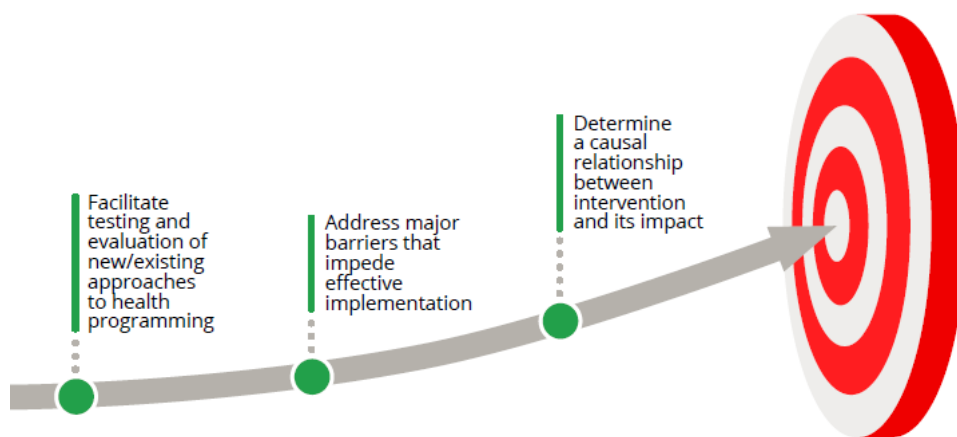


Introduction

The Implementation Sciences Core (ISC) is an interdisciplinary team dedicated to rigorous yet pragmatic evaluation of programmes and policies and their impact on the Singapore population. The ISC core will focus its attention on both formative evaluation to determine the best and most feasible design choices for the healthcare system, and summative evaluation to assess outcomes and cost-effectiveness of ongoing efforts and initiatives.

The team includes qualitative analysts, health services researchers and economists working together to provide holistic insight for improving health care in Singapore.

Objectives



Capabilities

