

Global Surgery Education Framework 2024



UNIVERSITY OF CAPE TOWN
IYUNIVESITHI YASEKAPA • UNIVERSITEIT VAN KAAPSTAD



**GLOBAL
SURGERY**

Vision and Mission

Global Surgery vision

A world in which everyone has access to comprehensive, quality surgical care.

Global surgery mission

To improve the quality of surgical care in Africa through research, capacity building, implementation and advocacy.

Objectives

- Leading an academic programme to build surgical leadership in Africa and internationally
- Advancing social justice through advocacy and implementation
- Promoting a comprehensive and cost-effective approach to surgical care

Global Surgery
Theory

Global Surgery
Action

Health systems strengthening

Research

Advocacy

Knowledge
Generation

Policy and
Community
engagement

Knowledge

Impact

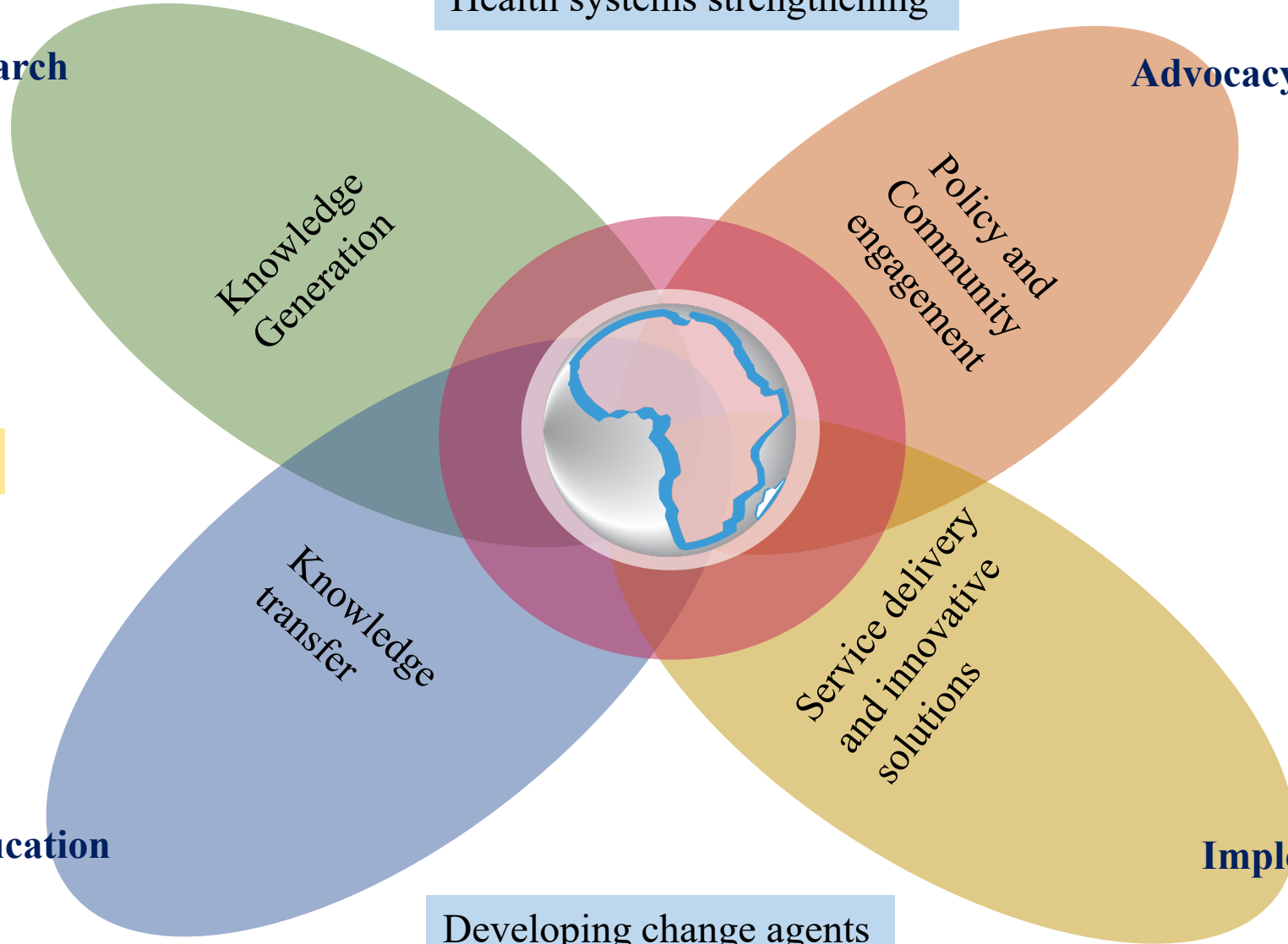
Knowledge
transfer

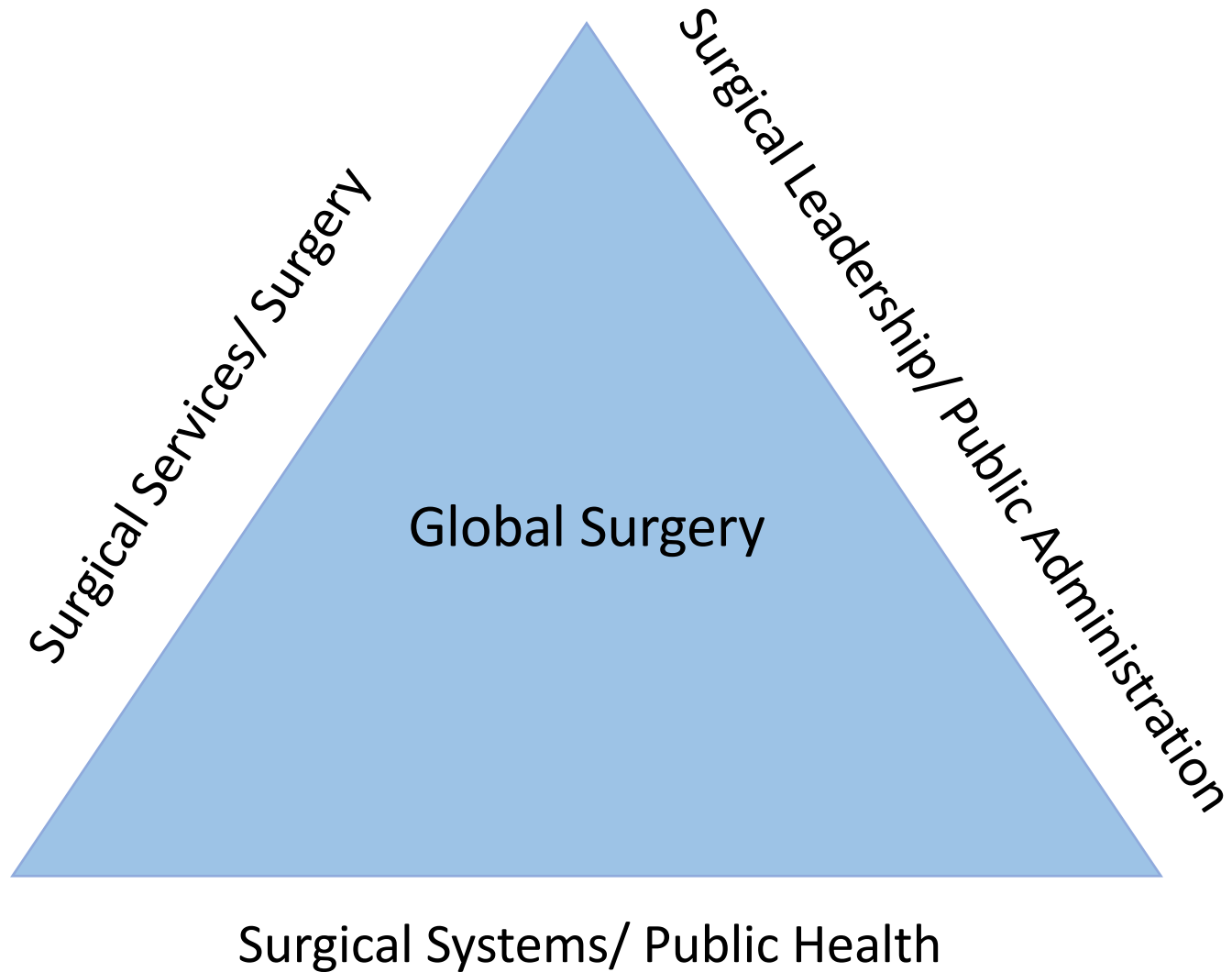
Service delivery
and innovative
solutions

Education

Implementation

Developing change agents





Global Surgery

Surgical Services/ Surgery

Surgical Leadership/ Public Administration

Surgical Systems/ Public Health

Our Global Surgery programme aims to:



Increase the number of surgeons



Increase the number of surgeries



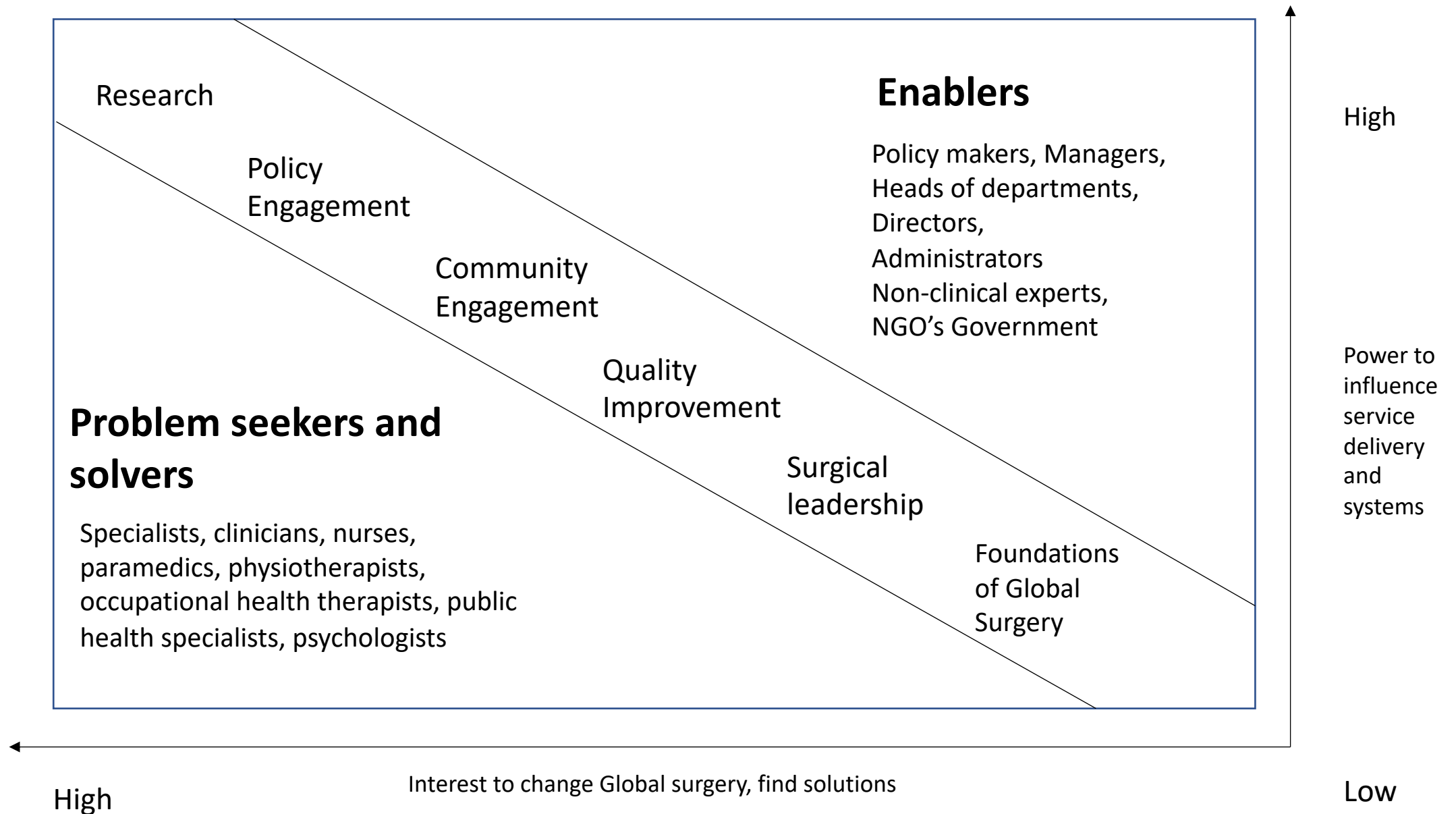
Improve surgical outcomes



Decrease the need for surgery



Increase the cost-effectiveness of surgery



Global Surgery Core Themes

<p>Global Surgery Foundations</p> <ul style="list-style-type: none"> • LCoGS • ASOS • Surgical systems • Surgical ecosystem • Surgical leadership 	<p>Health Systems Strengthening</p> <ul style="list-style-type: none"> • What is a health system • Health systems framework • Surgical systems • Strengthening surgical systems 	<p>Systems Thinking</p> <ul style="list-style-type: none"> • What is systems thinking • A conceptual framework for interventions • Complexity 	<p>Determinants of Health</p> <ul style="list-style-type: none"> • Social • Economic • Political • Geospatial • Human rights • 3 delays model 	<p>Public Policy</p> <ul style="list-style-type: none"> • Definitions • Anatomy of the state • Tiers of government • Geopolitics • Lobbying • NSOAP
<p>Leadership</p> <ul style="list-style-type: none"> • Personal leadership • Power • Organisational culture • Leading teams • Mental health • Surgical teams and surgical workforce 	<p>Economics and Finance</p> <ul style="list-style-type: none"> • Definitions • DALY's and QALY's • Investment in surgery • GDP and health expenditure • Innovative Financing 	<p>Advocacy and Diplomacy</p> <ul style="list-style-type: none"> • Community engagement • Community participation • Approaches to advocacy • Diplomacy • Geopolitics 	<p>Management</p> <ul style="list-style-type: none"> • Leadership vs Management • Management models • Managing finance • Managing resources 	<p>Implementation</p> <ul style="list-style-type: none"> • Project management • Risk management • Stakeholder engagement • Ethics • PDSA
<p>Innovation</p> <ul style="list-style-type: none"> • Social innovation • Biomedical innovation • Technology • Integrating innovation into global surgery 	<p>Programme Management</p> <ul style="list-style-type: none"> • Strategies • Plans • Programmes • Action framework • Unintended consequences • Story telling 	<p>Infrastructure</p> <ul style="list-style-type: none"> • Healthy cities • The built environment and global surgery • Access to healthcare facilities • Hospital infrastructure • Green surgery 	<p>Global Surgery Research</p> <ul style="list-style-type: none"> • Types of research • Global Surgery Research framework • Research methods • Implementation Science • Data science 	<p>Managing Change</p> <ul style="list-style-type: none"> • Psychology of change • Behavior change • Theory of Change • Design thinking • Asset mapping • Communication • Funding

Global Surgery Theory Courses

5th year Gynaecology
block
(1 hour lecture)

6th year General
Surgery and
Obstetrics block
(3 hour workshop)

Global Surgery
Foundations
(3 days)

Executive leadership
in Global Surgery
(6 months)

MPH Fundamentals
in Global Surgery
(Semester 1)

MSc Global Surgery
(2 years)

PhD Global Surgery
(4 years)

Global Surgery Action Courses

Anaesthesia Launchpad

Simulation launchpad

Global Surgery Primary Surgical Care

Global Surgery Electives

Global Surgery Research Advocacy
Implementation Fellowship

Education Team

Director of Education: Salome Maswime
Chair of Education Committee: Shrikant Peters
Chair of Postgraduate Committee: Park-Ross

Conveners

Undergraduate Convener: Jackie Stewart and Salome Maswime
Global Surgery Foundations Convener: Lebo Fadiran and Barbara Green-Thompson
Executive Leadership in Global Surgery: Salome Maswime and Charmaine Cunningham
MPH Fundamentals in Global Surgery: Jo Park-Ross
MSc Global Surgery: Moses Isiagi
PhD Global Surgery: Jo Park-Ross

Programme conveners

Electives Convener: Moses Isiagi
RAI Fellowship Convener: Jackie Stewart
Anaesthesia Launchpad: Simon Le Roux and Rowan Duys
Simulation Launchpad: Jo Park-Ross
Global Surgery Primary Surgical Care: Barbara Green-Thompson

