



Lifebox Strategic Plan 2025–2030: Safer Surgery and Anesthesia, Every Time, Everywhere



Strategic Overview & Global Context

Mission Statement

Lifebox is dedicated to making surgery and anesthesia safer in low- and middle-income countries (LMICs).

Vision by 2030

Impact 4 million surgical patients in 200 healthcare facilities across 20 countries through strengthened surgical systems.

The Global Surgical Challenge

LMICs average 877 surgeries/100,000 people vs. global benchmark of 5,000.

Children in LMICs face 4x more complications and 11x more deaths than those in high-income countries.

Strategic Shift

From delivering standalone programs to building safer surgical systems (S4) grounded in sustainability, scale, and local leadership.

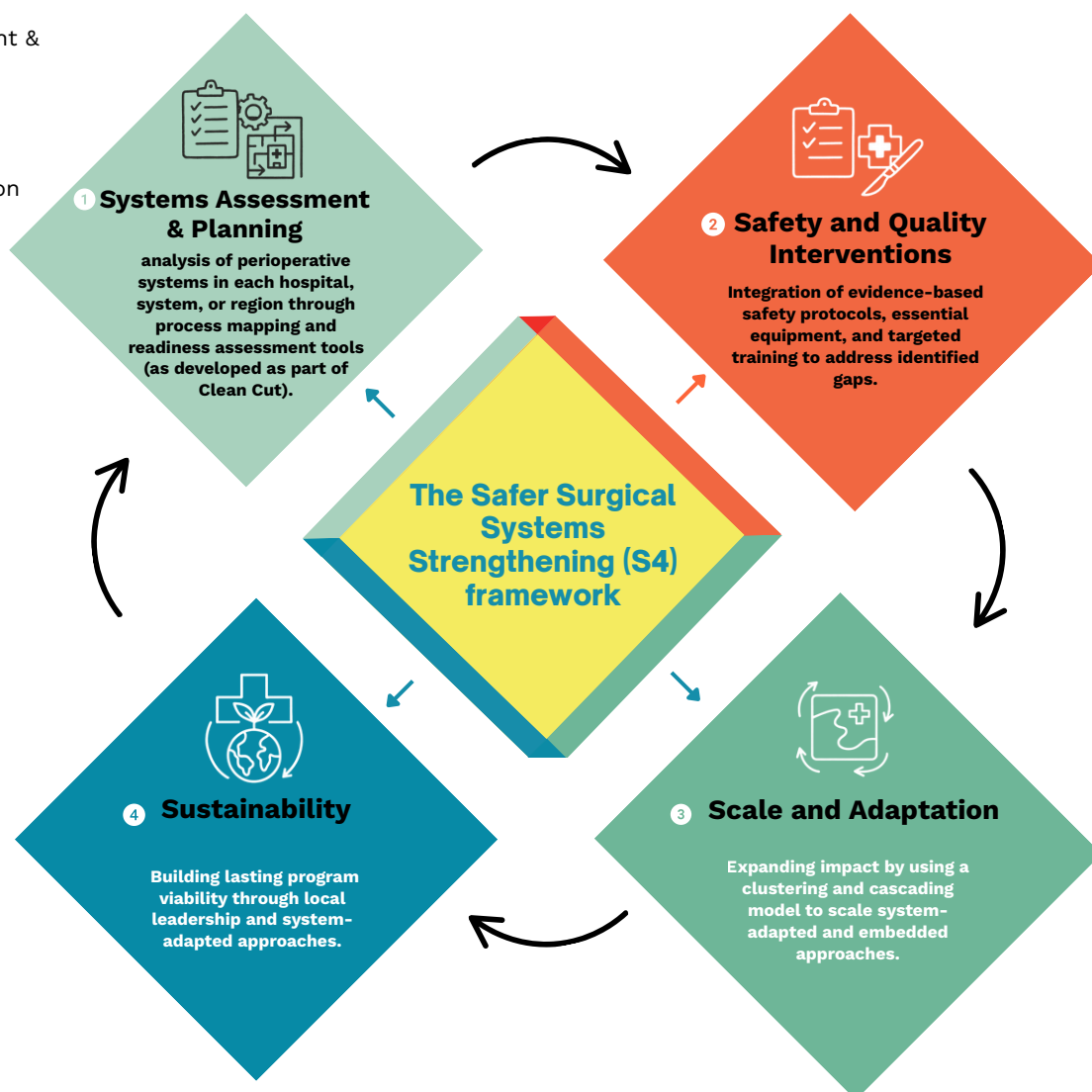
2030 Outcomes

40% reduction in perioperative mortality
95% reporting rate at facility level
40+ research publications
Multi-country adoption of Clean Cut and related interventions

S4 Framework for Safer Surgical Systems

The S4 Pillars

1. Systems Assessment & Planning
2. Safety and Quality Interventions
3. Sustainability
4. Scale and Adaptation



Cross-Cutting Thematic Priorities



Maternal & Neonatal Health



Infection Prevention



Pediatric Surgical Care



Anesthesia Monitoring



Antimicrobial Resistance



Environmental Impact

Core Programs (2025–2030)

- 1** Clean Cut expansion to **50+ facilities**
- 2** Integration of maternal, neonatal, pediatric, and antibiotic safety
- 3** Development of context-adaptable program bundles

Lifebox Core Program goals

Surgical Safety and Infection Prevention

Scaling our Clean-Cut program and strengthening surgical systems through infection prevention and evidence-based protocols.

Anesthesia Safety

Distributing essential monitoring devices and reducing preventable complications through training, clinical integration, and systems advocacy.

Clinical Capacity and Leadership Development

Expanding our *Nursing Leadership for Surgical Excellence (NLSE)* program to build perioperative nursing capacity, strengthen local leadership, and embed sustainable improvements in surgical care.

Team Training, Communication and Safety Protocols

Strengthening surgical teamwork and communication by scaling training programs—such as the WHO Surgical Safety Checklist, SAFE OR, and Team Cleft—to build a culture of safety and improve perioperative outcomes.

MedTech and innovation

Advancing surgical and anesthesia safety through a structured innovation pipeline—driven by gap analysis, local insight, and targeted investment—to develop and scale context-appropriate technologies and devices.

Research and Evidence Generation

Strengthening the global evidence base on surgical and anesthesia safety through data-driven program optimization, locally led research, and knowledge dissemination.

“Safer surgery and anesthesia, every time, everywhere.”