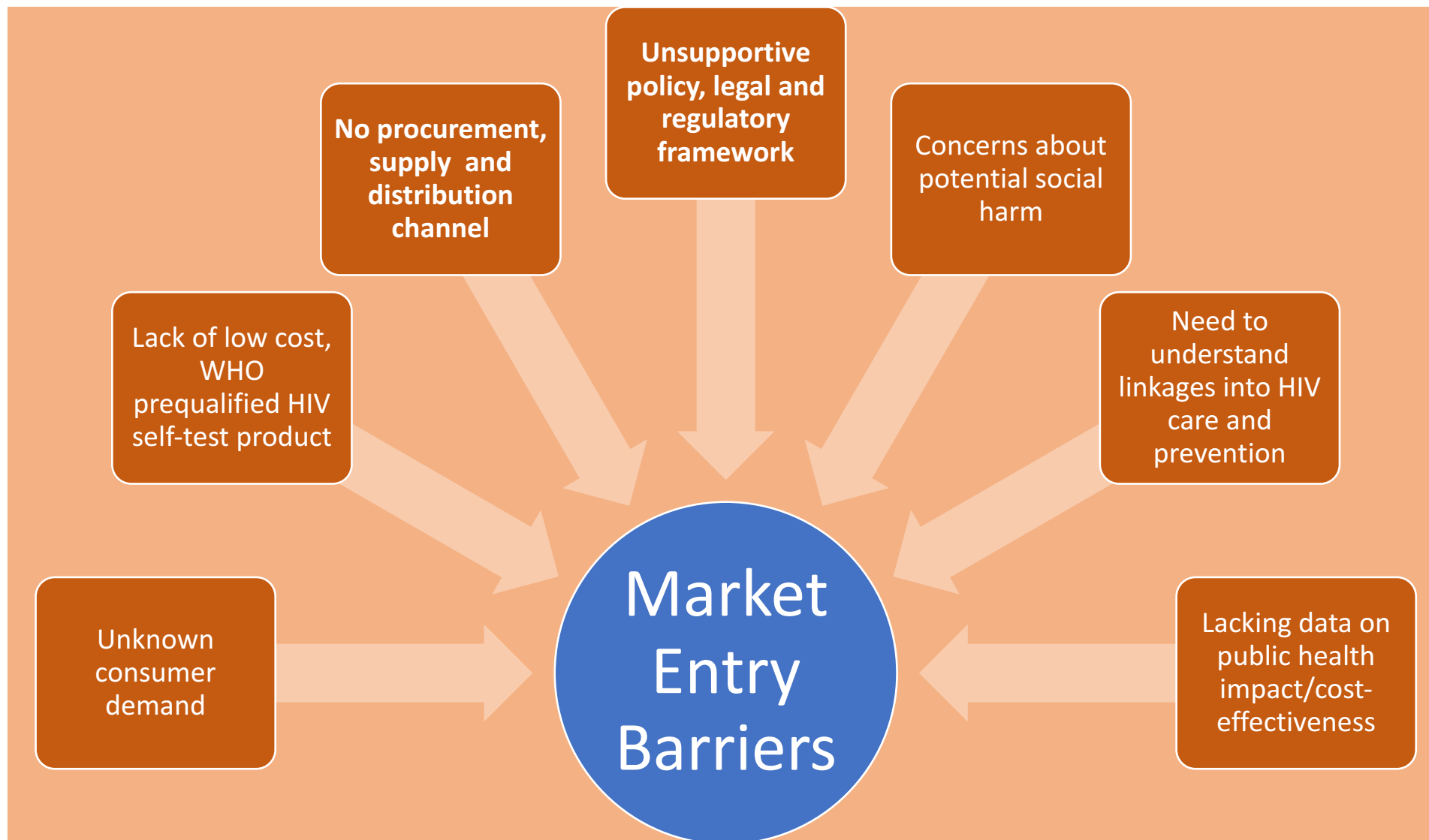


UNITAID ♦ PSI  
HIV SELF-TESTING AFRICA



# Barriers to HIVST Market Development



# STAR Key Research Questions

## Formative Research

Improved design  
of HIVST models  
for target  
populations

- What is the level of accuracy when used by lay person?
- How can we anticipate and report on social harms?
- What are delivery costs of HIVST?
- What are user preferences? Can demand be maximized?

## Definitive multi country evaluation

Increased uptake  
of HIVST in the  
target population

- What is the market size?
- Is there equitable access among men, young people, key populations?

Increased  
coverage of HTS  
in the target  
population

- What is impact of HIVST on the frequency and coverage of HIV testing ?
- What is the cost-effectiveness of HIVST?

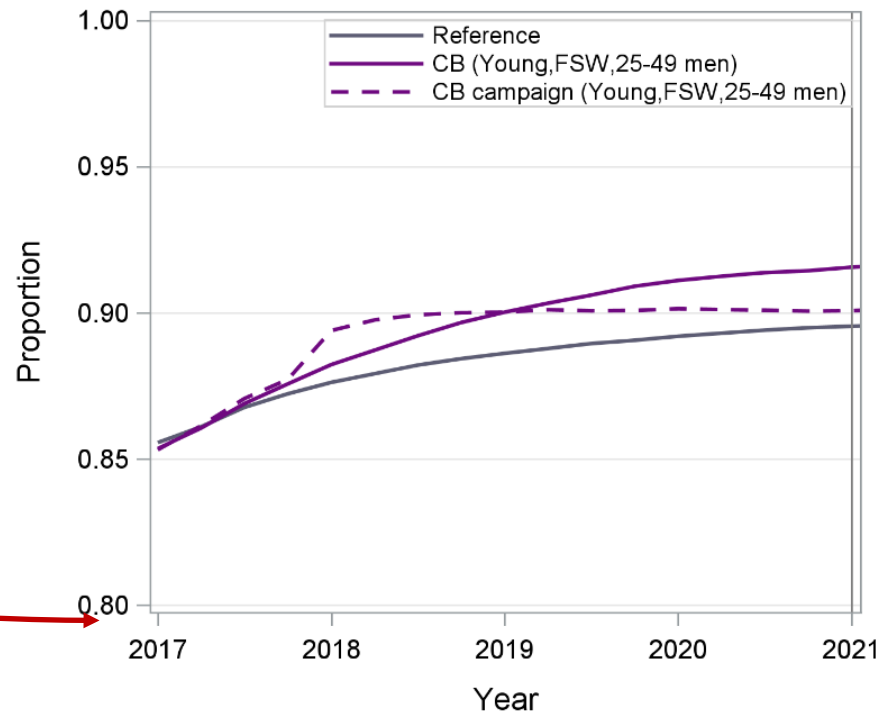
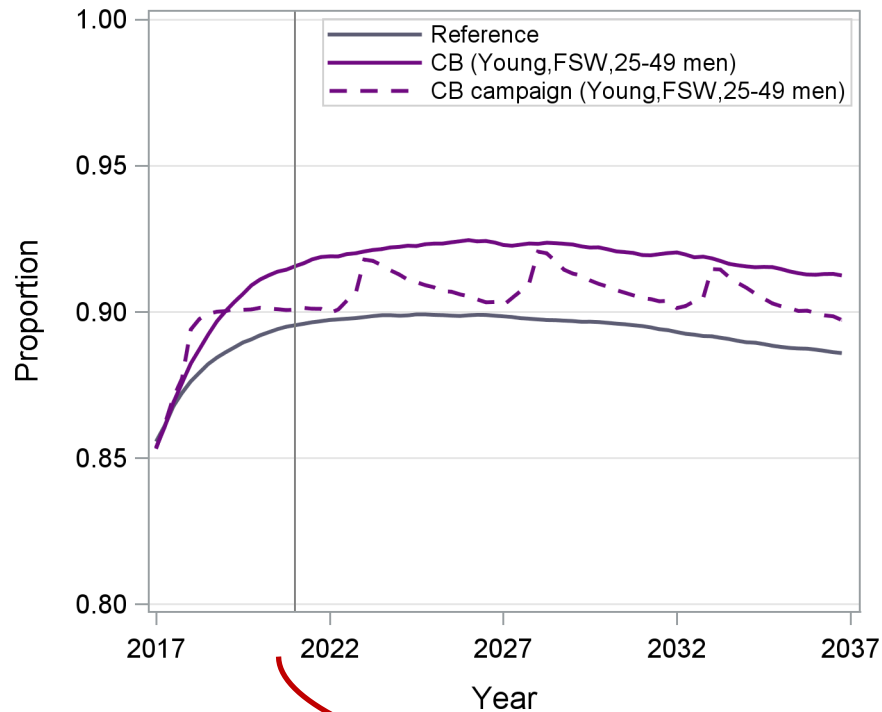
Increased ART  
and VMMC  
coverage

- How effective do self-testers link to VMMC and ART services ?
- What is the cost/cost-effectiveness of HIVST linkage ?
- What are user preferences for post-test services? How can demand for post-test services be increased?

# STAR Outputs

- Accuracy and Clinical Performance Studies: **High Sensitivity/Specificity**
- **High Acceptability:** 300, 000 HIVST distributed through 9 Different distribution models in three countries
- HIVST reaches
  - First-time testers, 21% - 31%
  - Men, 44% - 52% of self testers are men
  - Adolescents, 32% - 48 % are 16-24 years
  - Key populations
- HIVST is **cost-effective** compared to conventional HTS
- **Good linkages** to Care and treatment, self-testers link early
- HIVST **increases uptake of VMMC** by male self-testers
- Market size estimates conducted in 9 countries in SSA, **potential market is large**
- Malawi, Zambia and Zimbabwe have integrated HIVST in HTS policies
- Developed tools to inform decision making, implementation and scale up

# Can we achieve the 1<sup>st</sup> 90 without HIVST?



With the introduction of community-based **HIVST in young people, FSW and adult men**, it will be possible to achieve the first 90 by 2019 !