

# Safety First: Improving Access to Quality Health Services in Kenya

Kenya Patient Safety Impact Evaluation (KePSIE)



Kenya Evidence Forum - June 14, 2016

Using Evidence to Improve Policy and Program Designs



What percentage of health facilities comply with minimum patient safety standards in Kenya as per current regulation?

1. 20%
2. 3%
3. 65%
4. 90%

We do not know...

But based on our baseline data collection  
in all facilities in Kakamega, Kilifi and Meru  
(~1,100 HFs)

**3%** of facilities comply with  
minimum patient safety standards

What percentage of procedures are performed with **new** (as opposed to reused) **needles and syringes** in Kenya?


1. 57%
2. 21%
3. 100%
4. 78%

Based on the same baseline  
(~19,000 observations of HCW-patient interactions )

**100%** of procedures were  
conducted with new syringes and  
needles

# Two important messages to start...

1. Policy action is required to move facilities above **minimum patient safety standards**
2. Kenya has done a great job in a key area: new needles and syringes



OPEN THE FRIDGE  
AT YOUR OWN RISK!!!

Can  
inspections  
help  
improve  
patient  
safety in  
Kenya?

# Constraints Identified in the Health Inspections System (Windsor, 2013)

## Rules/Standards

- Discretionary
- Not well known

## Monitoring/ information systems

- Low probability of inspection (4-8%)
- No monitoring system (paper records)
- No capacity to follow-up
- Limited information to HFs

## Enforced Sanctions and rewards

- No warnings or sanctions, but extreme cases



Weak incentives for HFs to improve patient safety

# KePSIE

A country-led initiative developed by consensus

## “Windsor Agreement,” 2013



1. **Support regulatory reform** of the inspections system;
2. **Develop instruments** to measure and monitor patient safety
3. **Evaluate the impact** of accountability mechanisms—through different models of health inspections—on patient safety

Building on the long-term Health in Africa Initiative work on regulatory reform



# 1. New Regulatory Framework Gazetted in 2016

- ✓ Standardized Checklist
- ✓ Warnings & Sanctions
- ✓ Risk-based Scoring system

## **SPECIAL ISSUE**

*Kenya Gazette Supplement No. 31*

1713

*21st March, 2016*

*(Legislative Supplement No. 25)*

LEGAL NOTICE NO. 46

THE PUBLIC HEALTH ACT

*(Cap. 242)*

IN EXERCISE of powers conferred by section 153 of the Public Health Act, the Cabinet Secretary for Health makes the following Rules:—

THE PUBLIC HEALTH (CHECKLIST FORMS) RULES, 2016

1. These Rules may be cited as the Public Health (Checklist Forms) Rules, 2016.

2. An authorized person visiting and inspecting any premises under section 153(1) of the Act shall use the checklist Forms provided for—

For **private and public facilities** (only private facilities were inspected before)



## 2. Measuring Patient Safety – select results (I)

Census in all facilities in 3 study counties (Kakamega, Kilifi, Meru)

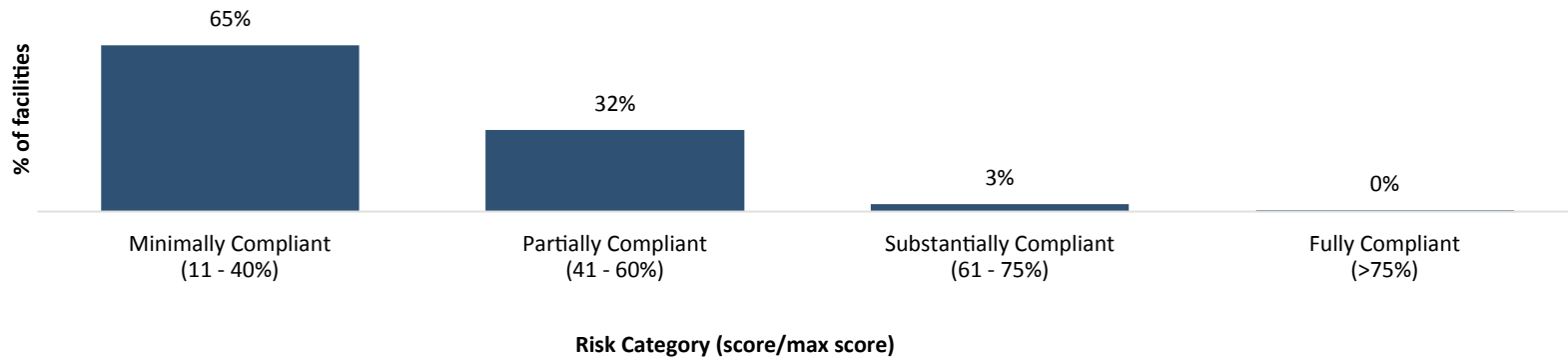
1

**97%** of facilities need to improve above **minimum score**

### Facility Performance on Patient Safety

(Percentage of Facilities, 3 study counties)

300+ items



2

**Public facilities** score better than private facilities

**66%** of facilities are **private** but **71% of patients** are attended in **public facilities**



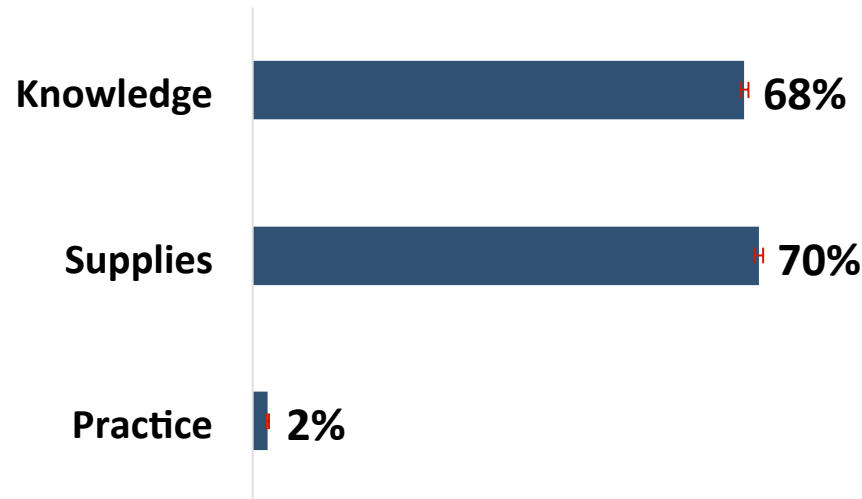
## 2. Measuring Patient Safety – select results (II)

Census in all facilities in 3 study counties (Kakamega, Kilifi, Meru)

3 **Hand hygiene** is only performed **in 2% of the cases** when it is indicated (cornerstone of IPC)

4 **HCW knowledge** and **access to supplies** do not always help with safety practices (Know-Do Gap)

### Hand Hygiene Before Injection or Blood Draw



# What is coming next→

## 3. Evaluation of intensive inspections

### 1 Training the **first cadre of full-time inspectors**



### 2 Electronic Inspections

#### Examination Equipment

Please indicate whether this section has not been completed. Provide explanation if "Not Accessible".

Select One Answer

Is a thermometer available?

Yes No

Is a stethoscope available?

Yes No

Is a tongue depressor available?

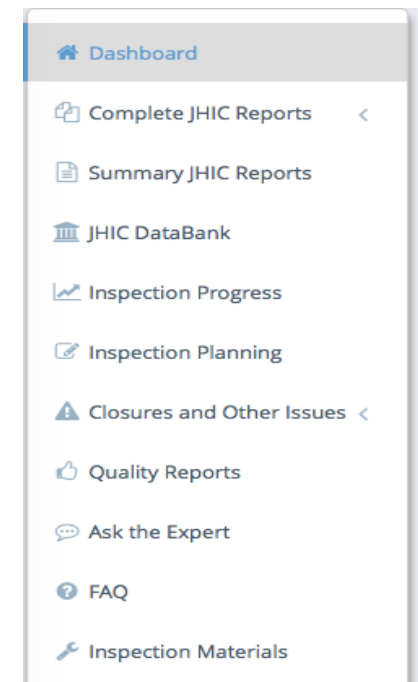
Yes No

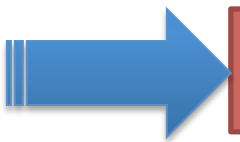
Is a weighing scale available?

Yes No

Is a torch available?

### 3 Web-based Monitoring System with detailed performance of all facilities





## Implementation

### Intensive inspections

- 100% probability of inspections
- Enforcement of warnings and sanctions
- Disclosure of facility performance

In context: Kenya is one of the only 5 countries (out of 45 in SSA) that actually conduct inspections in health facilities



To be continued

# Thank you!

## KePSIE Team

Guadalupe Bedoya

Jishnu Das

Jorge Coarasa

Amy Dolinger

Ana Goicoechea

Njeri Mwara

Khama Rogo

Frank Wafula