

Application of the PDSA Model to Functionalize Quality Improvement Structures: Lessons From Kween District

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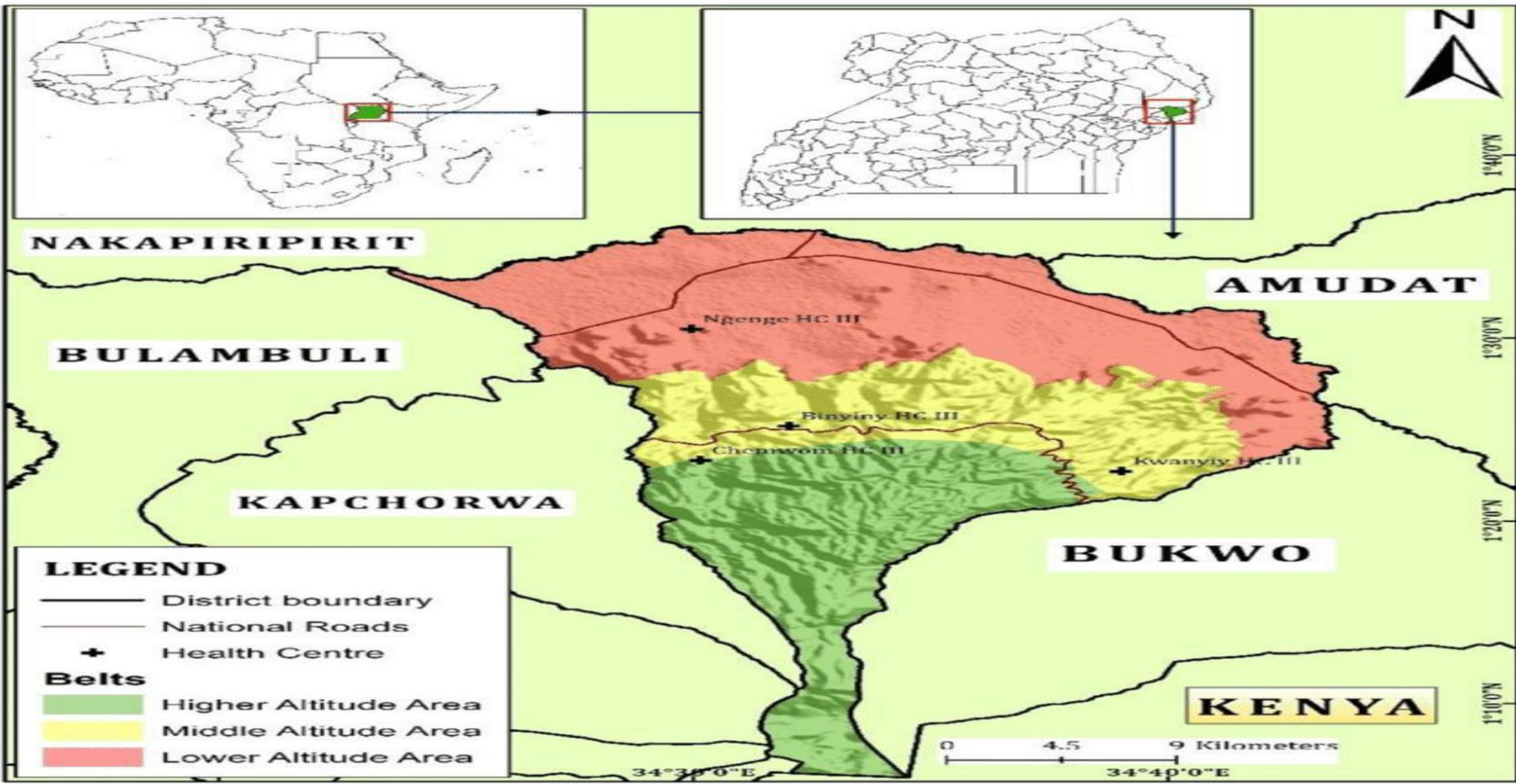
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Kween: District Profile

- Kween District is located in the Eastern Region of Uganda, bordered by:
 - Bukwo (East), Kapchorwa (West), Nakapiriprit (North), Amudat (North East), Mt Elgon National Park(South) and Bulambuli in the Northwest.
- 24 H/F's, (20 Gov't and 4 PNFP), 1 HCIV, 10 HCIII, 13 HCII
- Mountainous district, divided into three belts upper, middle, and lower belt. Each belt has unique characteristics, presenting different challenges





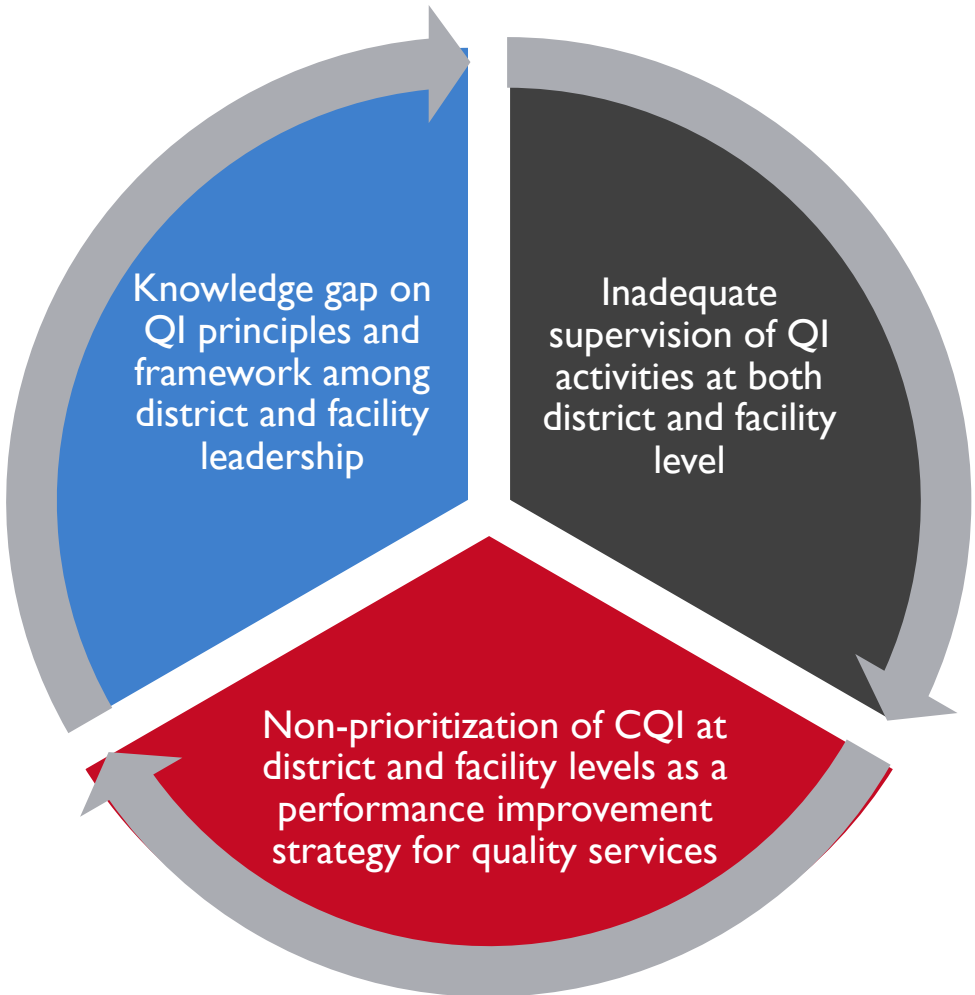
Introduction

- Since 2015, MoH and partners guided the setting up and operationalizing of Quality Improvement (QI) coordination structures at national, district, and health facility levels.
- Majority of structures **remain non-functional**
- By July 2022, Kween district QI committee (DICO) and 19/24 health facility QI committees (HFQIC) were non-functional.
- Our objective was to set up and functionalize committees from 0% to 100% between July 2022 and June 2023



Methods

- District Health Team brainstormed and identified major root causes for non-functionality as



Tested Changes

Built capacity of managers through orientation and onsite mentorships

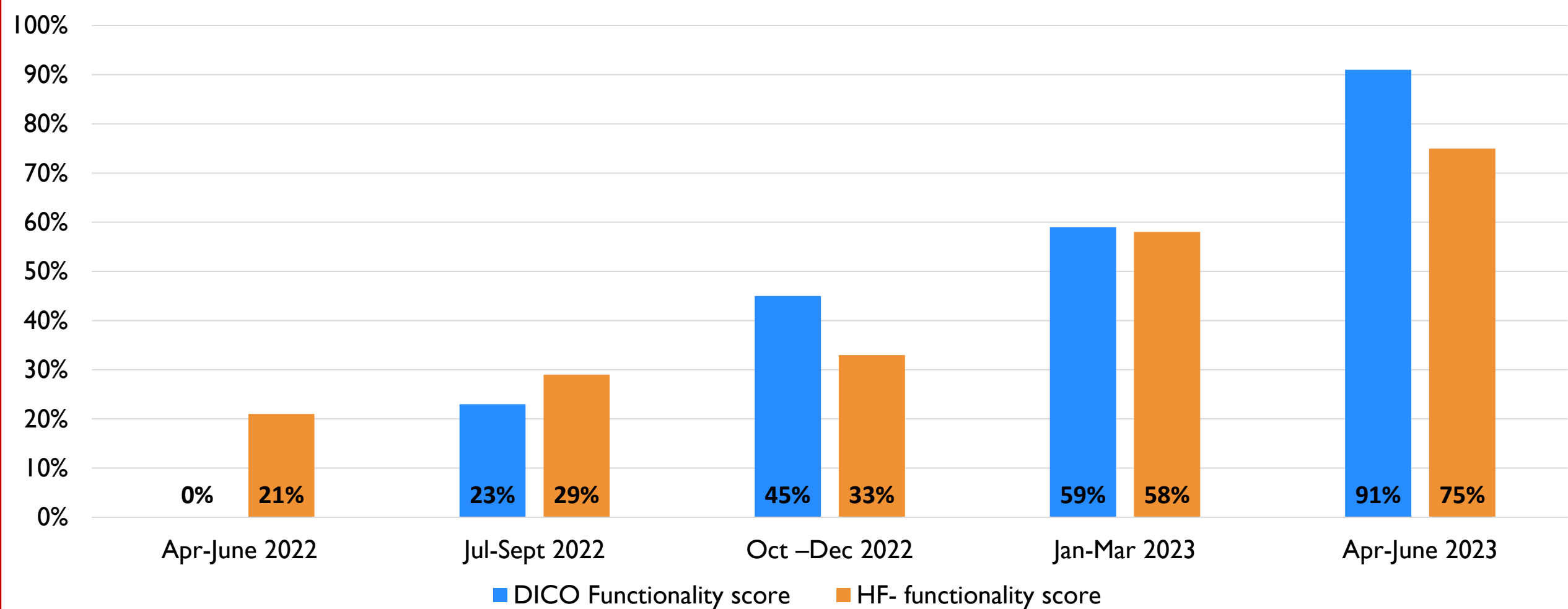
Established a district technical working group with TORs to regularly supervise and support facilities

Adopted CQI initiatives as a performance indicator for appraisal of facility In-charges

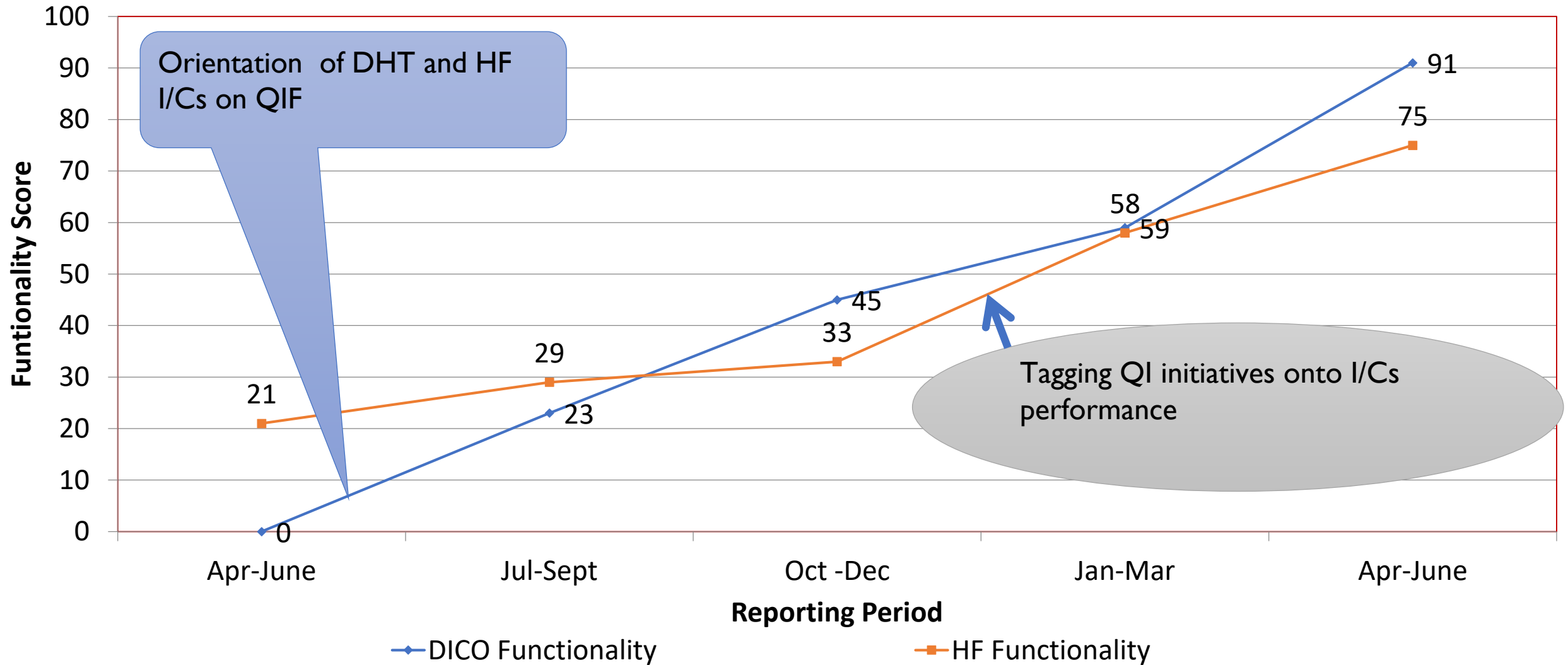
TWG & Regional QI Committee monitored and evaluated the functionality of DICO and HFQIC through quarterly assessments

Functionality score improved from 0%-91% for DICO and 0%-75% for HFQICs between June 2022 and June 2023

Trend of QI Structure Functionality in Kween District



Trends showing the impact of the test changes from 2022 to 2023



Discussion

- Improvement was attributed to the compulsion of HF in-charges to prioritize QI, and regular monitoring and evaluation of QI initiatives
- Measurements requiring funding like learning visits and client satisfaction surveys compromised achievement of the 100% target.

Lessons Learned Conclusion & Recommendation

Lessons learned

- Knowledge gap, and negative attitude towards usage of CQI are major contributing factors to failed functionality of HFQIC

Conclusion & Recommendation

- Funding QI activities, consolidating teamwork, and addressing negative mindsets towards QI activities improved Kween district QI structures.



USAID Local Partner Health Services- Eastern Activity





USAID Local Partner Health Services- Eastern Activity

BIPAI
Baylor International
Pediatric AIDS Initiative

BCM
Baylor College of Medicine
Implemented by **Baylor Uganda**
Texas Children's Hospital

Key Learnings from the 10th Conference

- Leadership Engagement is pivotal to the success of Quality improvement at all levels
- Every day innovations exist, and it's not about big change ideas
- Quality improvement is important to address local problems for local solutions and improved efficiency
- Root Cause Analysis for countermeasures offers timely interventions
- Medical errors in Uganda are on the rise and have serious litigation measures to the health worker fraternity.

