

# Improving Delivery and Quality of Voluntary Medical Male Circumcision Services at 14 Public Hospitals in Uganda

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## Background

Voluntary medical male circumcision (VMMC) is a scientifically proven biomedical intervention for prevention of female-to-male transmission of HIV recommended for areas with low Male circumcision and high HIV prevalence. Despite the endorsement of VMMC, safety becomes a concern once mass programs are implemented in resource-limited settings.

In 2013, the Strengthening Uganda's Health systems for Treating AIDS Nationally (SUSTAIN) project started supporting Uganda's Ministry of Health to deliver VMMC services at 14 public hospitals. SUSTAIN project supported start-up and implementation of a number of quality improvement initiatives at each of the hospitals to scale up and improve the quality of VMMC services. This poster describes methods used and their impact on the quality of VMMC services.

## Methods

From April 2013, the project, supported the following Quality Improvement activities:

- ◆ Training selected staff in VMMC and quality improvement
- ◆ Distribution of VMMC policies, guidelines and Standard operating procedures in addition to required VMMC supplies and equipment.
- ◆ Formation of hospital based VMMC QI improvement teams, routine quality improvement coaching, mentorships and support supervision
- ◆ Conducting central collaborative quality improvement learning sessions
- ◆ Conducting external quality assessments for VMMC services using MOH quality assessment tool.

## Results

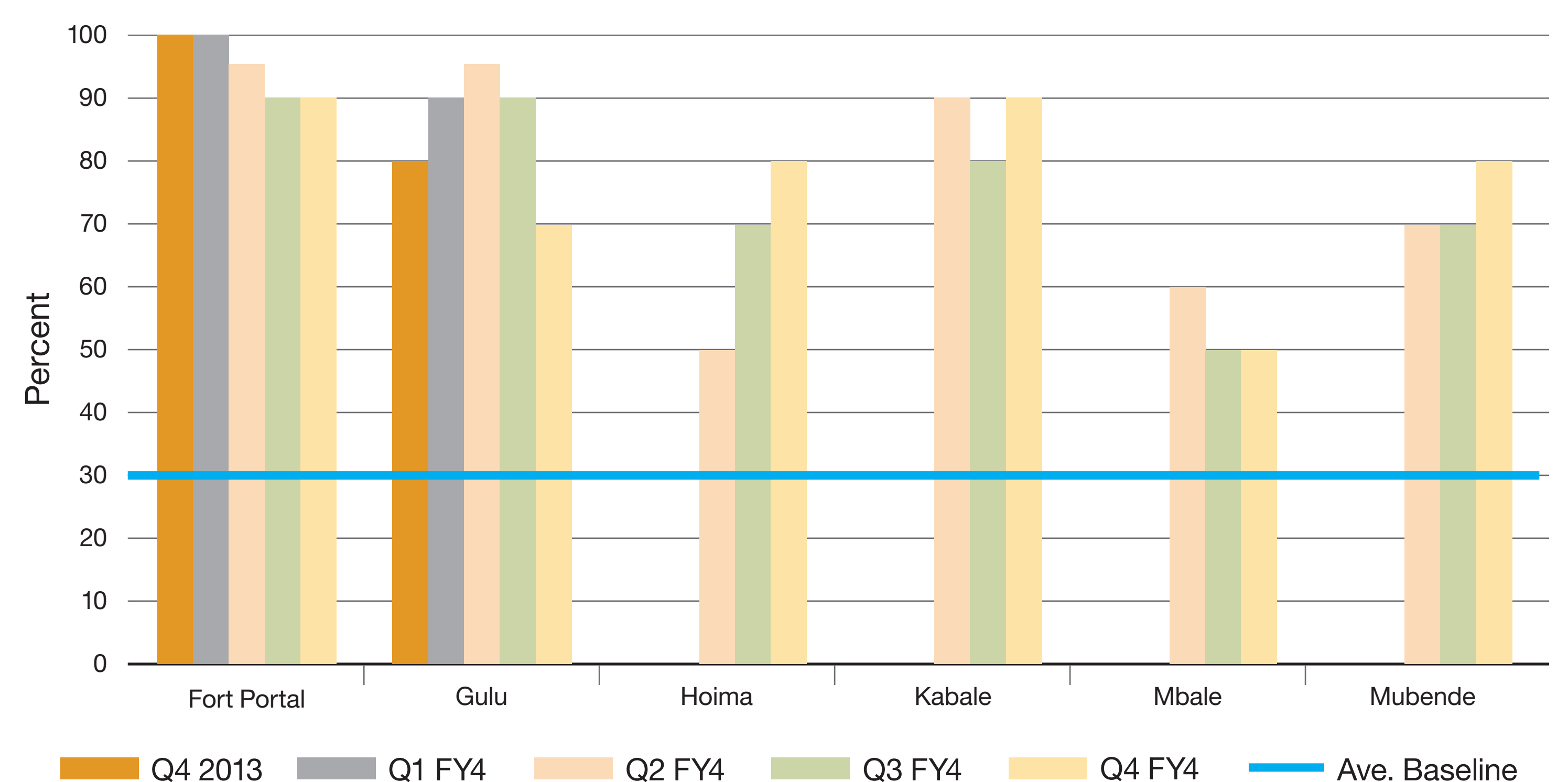
Performance against VMMC performance indicators like number of clients circumcised, proportion of circumcised clients returning for post-operative follow up and proportion experiencing adverse events also improved greatly at each hospital.

Dashboard showing progressive improvement of selected hospitals in adhering to MOH standards for VMMC services delivery.

KEY: Good – 80%+ Fair – 50 to <80% Poor – <50% Not assessed

Hospital	Quality Standard	Baseline	Q4 2013	Q1 FY4	Q2 FY4	Q3 FY4	Q4 FY4
Fort Portal	Management systems	25	100	100	96	90	90
	Supplies, equipment & environment	35	83	83	100	83	83.3
	Registration and Group Education	0	100	100	90	100	100
	Individual counseling & HIV testing	—	40	80	86	80	
	Male circumcision surgical procedure	—	83	83	100	83	91
	Monitoring & evaluation	0	36	100	96	100	96
	Infection prevention	54	92	92	92	100	63.6
Gulu	Management systems	20	80	90	96	90	70
	Supplies, equipment & environment	50	66.7	100	100	83	100
	Registration and Group Education	50	67	100	90	100	83
	Individual counseling & HIV testing		67	83	86	80	40
	Male circumcision surgical procedure		55	100	100	83	90
	Monitoring & evaluation	0	100	92	96	100	93
	Infection prevention	33	33	93	92	100	80
Hoima	Management systems	35			50	70	80
	Supplies, equipment & environment	32			83	67	83
	Registration and Group Education	25			75	83	67
	Individual counseling & HIV testing				67	83	—
	Male circumcision surgical procedure				41	100	93
	Monitoring & evaluation	0			25	100	80
	Infection prevention	30			78	85	100
Kabale	Management systems	33			90	80	90
	Supplies, equipment & environment	25			100	80	100
	Registration and Group Education	0			100	67	100
	Individual counseling & HIV testing	—			100	67	
	Male circumcision surgical procedure	—			100	100	
	Monitoring & evaluation	0			100	100	85.7
	Infection prevention	64			92	100	69.2

## Trend of Management Systems in VMMC



## Acknowledgements

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