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Sexual and Reproductive Health in Rwanda

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BACKGROUND

STATISTICS

- Fertility rate: 4.6 per woman (2010)
- Teen pregnancies: 4.7% (2012)
- Mortality:
 - Maternal- 340/100,000 (2011)
 - Infant- 50/1,000 (2013)
- Contraceptive Use (15-49 y/o women): 31% (2011)
- Syphilis prevalence: 0.9% (2016)

KEY DETERMINANTS

- RELATIONSHIP**: Limited parent-teen support
- COMMUNITY**: Technology + Limited resources/evaluation
- SOCIETAL**: Cultural pressure (children; contraception)
- NATIONAL**:
 - Late policy making (1981)
 - Instability (1994 Genocide)
 - Limited services/integration

RWANDA INITIATIVES

INFRASTRUCTURE

- Decentralization
- Improved Monitoring
- Increased providers/integration
- Solidarity approach

INTERVENTIONS

- Key Messages**
 - Risk factors, Transmission, Prevention, Symptoms, Treatment
 - Family Planning- Birth spacing + Better health
- Interventions**
 - Expanded young-adult services
 - National gender policies
 - Increased partnerships + male/religious leader recruitment

METHODS

PROGRAM INTERVENTION

	TOPIC		
	FAMILY PLANNING	STIs	HEPATITIS
SUBTOPICS	<ul style="list-style-type: none">Life PlanningFather InvolvementFemale EmpowermentHealthy RelationshipsContraceptionBirth SpacingPreventing Unplanned Pregnancies	<ul style="list-style-type: none">ChlamydiaGenital HerpesSyphilisGonorrhea	<ul style="list-style-type: none">Hepatitis AHepatitis BHepatitis CHepatitis DHepatitis E
ACTIVITIES	<ul style="list-style-type: none">Reflection/review questionsVideos3-D modelsCycle bracelets	<ul style="list-style-type: none">Reflection questionsMini-JeopardySimulation game	Mini-Jeopardy

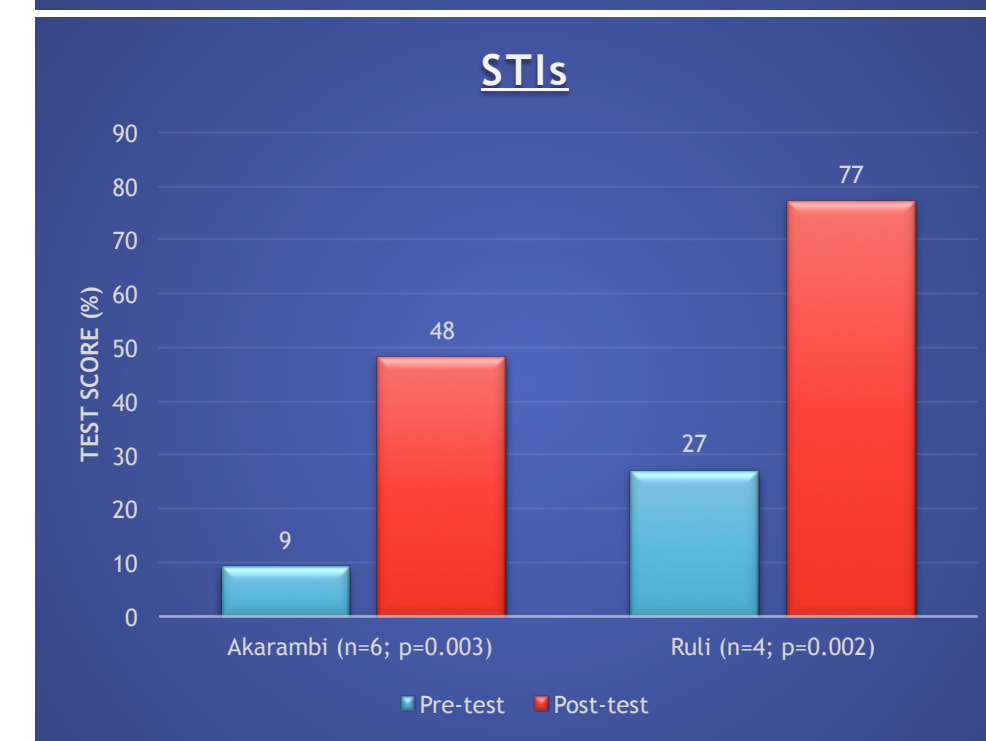
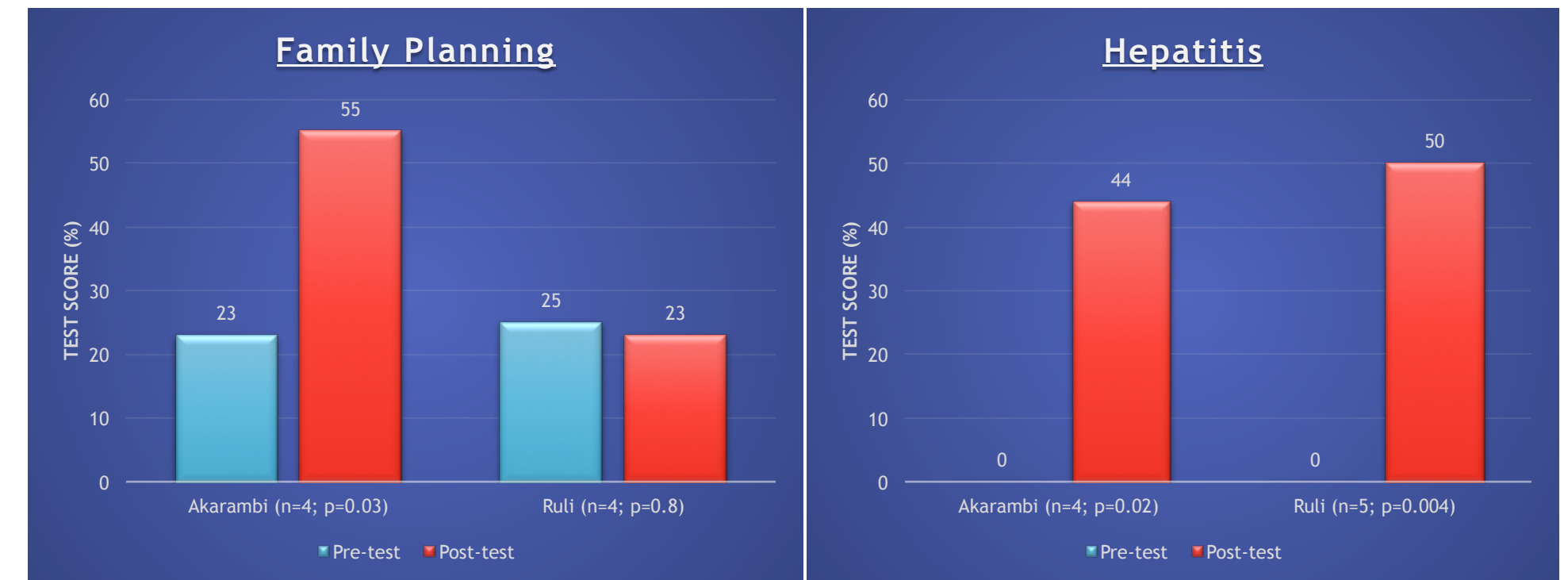
EVALUATION

- Pre-test and Post-test [Two sample two-tailed paired t-test ($\alpha = 0.05$)]
- Evaluation Survey (Likert Scale) + Behavior Change Goals
- Evaluation Workshop



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RESULTS



Family Planning		
	Akarambi	Ruli
Evaluation Score (Likert Scale)	8.2/10	10.0/10
STIs		
	Akarambi	Ruli
Evaluation Score (Likert Scale)	8.8/10	9.0/10
Hepatitis		
	Akarambi	Ruli
Evaluation Score (Likert Scale)	7.7/10	8.2/10

Family Planning- Future Goals	STIs - Future Goals	Hepatitis - Future Goals
Teach + apply life planning	Promote abstinence + condom use	Start teaching about Hepatitis (prevention + symptoms)
Continue promoting contraception	Encourage community health center visits	Advise people to get tested
Help change villagers' behaviors	Teach about dangers of STIs	

DISCUSSION

KEY MESSAGES

- Empowerment (women, youth, communities)
- Inclusion (age + gender)
- Prevention/Early Detection

PROGRAM RECOMMENDATIONS

- Partner with Rwandan medical students to improve program delivery
- Communicate monthly with local leaders
- Partner with Community Health Center

FUTURE INTERVENTIONS

- Expand programs for 10-14 y/o children + parents
- Recruit more husbands/partners
- Increase workforce development, coordination, & research