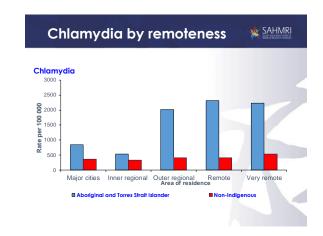
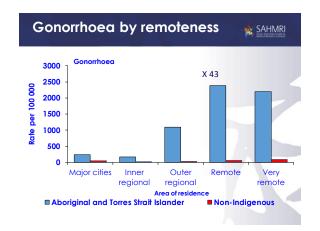
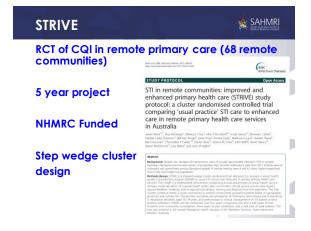
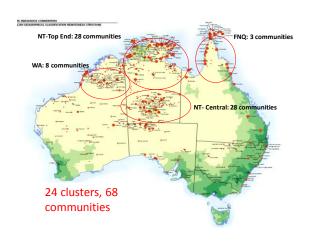


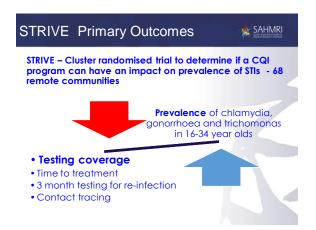
Supporting primary health care services to address endemic rates of STIs: findings from the STRIVE trial A/Prof James Ward











# STRIVE Sexual Health Quality Improvement program and cycle

- Development & measurement of relevant indicators
- 2. Modifications to PMS
- 3. Extraction of laboratory data
- 4.Data analysis &feedback 5.SAT & qualitative interviews with clinical
- teams
  6. Action Plan



## STRIVE field coordinators

- **SAHMRI**
- · Employed to keep sexual health on the agenda
- · Conduct systems assessments with clinics
- · Assist with development of action plans
- · Provide regular data reports on progress

# STRIVE field activity



- · 264 site visits completed
- Another 66 site visits in the coming 3-4 months
- · 238 follow up calls (3 month and 9 month)
- Many ad hoc calls and emails
- · 900 clinical staff encounters
- 55 qualitative interviews

# Methods: prevalence study



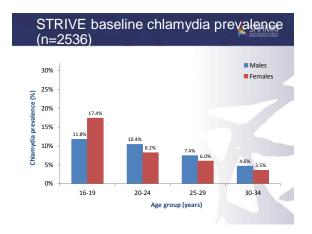
- Defined period each year 2010, 2012, 2013
- Aimed to offer testing to all clients attending in the age group 16-34
- Quotas for each service according to cluster size
- Broken down by sex and age group
- · Relied on PHC staff to conduct prevalence study

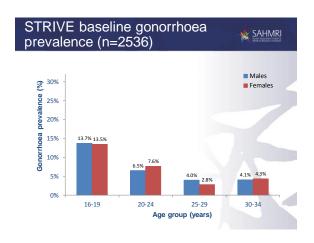
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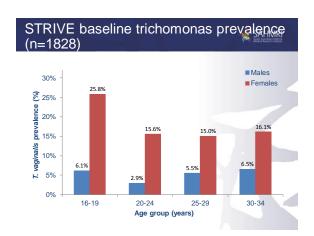
Prevalence year males

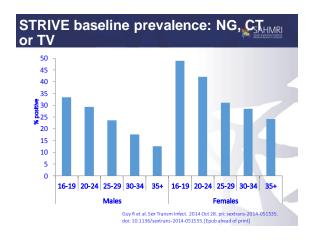
**■** females

Average age of clients aged 16-34 yrs of age								
	All attendees	Females	Males					
YR 1 sites	25.0yrs	24.9yrs	25.1yrs					
YR 2 sites	24.5yrs	24.4yrs	24.7yrs					
TR 2 Sites	24.5yrs	24.4915	24.7yrs					
YR 3 sites	24.8yrs	24.7yrs	25.0yrs					

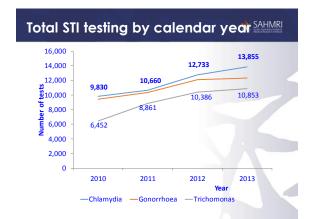








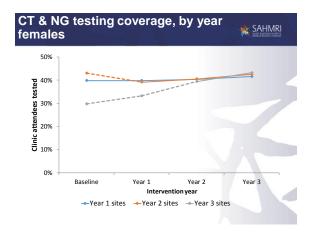
### SAHMRI **Analysis** Total testing increase Two time points for comparison: Year 1-- a comparison of first 8 clusters undertaking SH CQI program with the remaining 16 clusters as controls Year 2--is a comparison of 16 clusters undertaking SH CQI program with remaining 8

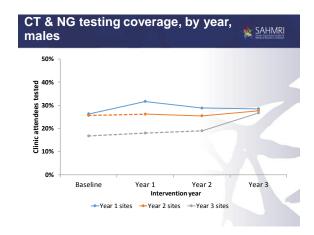


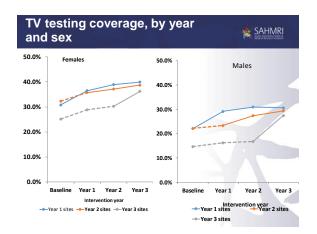
- Testing coverage
- Prevalence

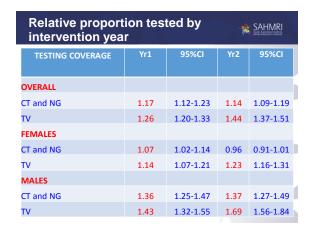
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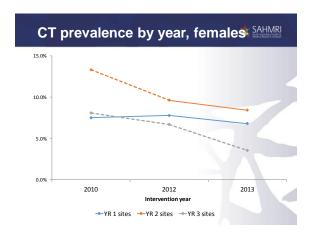
• Age 16- 25 vs 25-35

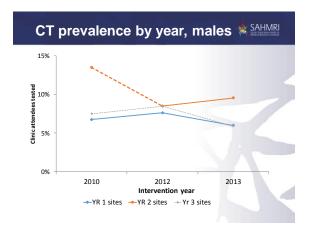


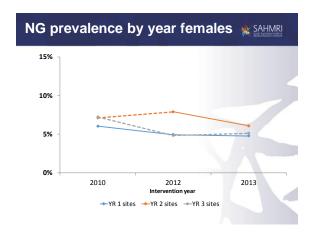


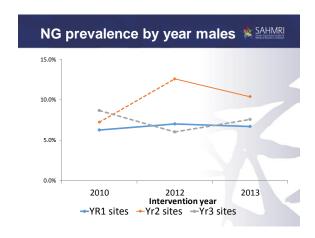


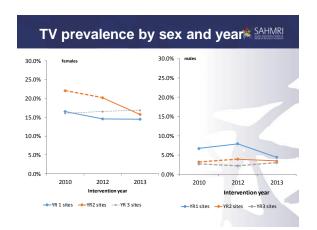












Relative prevalence by intervention year HMRI							
PREVALENCE	Yr1	95%CI	Yr2	95%CI			
OVERALL							
Chlamydia	0.97	0.70-1.32	1.76	1.21-2.55			
Gono	0.84	0.59-1.20	0.94	0.67-1.33			
Trich	0.95	0.72-1.25	0.95	0.72-1.24			
FEMALES							
Chlamydia	0.98	0.65-1.50	2.106	1.27-3.49			
Gono	0.8	0.48-1.33	0.99	0.62-1.59			
Trich	0.81	0.59-1.11	0.91	0.68-1.20			
MALES							
Chlamydia	0.91	0.55-1.50	1.48	0.85-2.57			
Gono	0.84	0.50-1.41	0.83	0.50-1.38			
Trich	1.91	0.83-4.41	0.93	0.34-2.50			

# Enormous effort; CQI shows some promising results especially if driven internally Significant increases in testing relative to control sites however marginal reduction in prevalence Combined STI prevalence highlights significant burden of disease in remote communities Prevalence methodology difficult in this setting Effects for a fully integrated CQI program will take multiple years for effect Integration of CQI to a PHC responsibility is underway There remain many questions??? Younger aged

strategies, increased frequency testing prevalence

study vs positivity, the appropriate mix of strategies

