

The Burden of Sexually Transmitted Infections among Men who have Sex with Men in Kisumu, Kenya

Nyanza Reproductive Health Society

Kenya

Otieno, Fredrick

Anza Mapema Study

- Longitudinal cohort study targeting 700 HIV+ and HIV- gay and bisexual men who have sex with men (GBMSM)
- Study site:
 - Kisumu, AM TM clinic and AM town clinic
- Quarterly visits for 12 months
 - HIV negative on PrEP, additional year of follow up
 - HIV positive, monthly follow up

Objectives

- Prevalence of HBV, HCV and STIs (HSV-2, Syphilis, Gonorrhoea and Chlamydia)
- STI Incidence
- Evaluate STI risk factors
- Determine if retaining men in AM reduces incident STIs as biomarker for risk behaviours
- Assess uptake and adherence to PrEP among subset of HIV- high risk MSM

Challenges

- Delays in IRB approvals
- Double enrolment
- Delays in laboratory results turn around time
- Migration

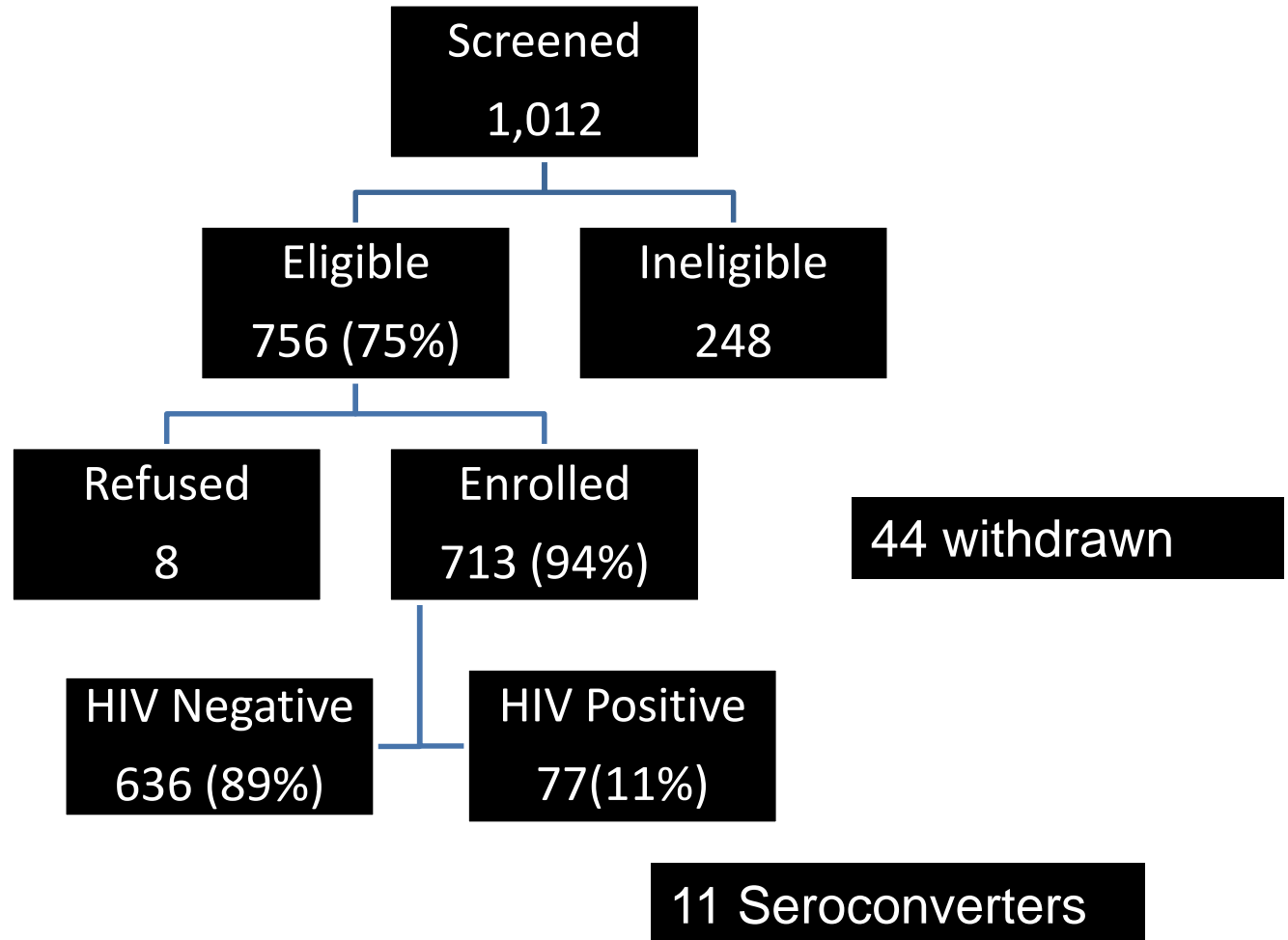
Successes

- Largest GBMSM cohort in region
- Rapid recruitment in one year
- Test and Treat
- Active peer network
- High retention rates
- Continuous engagement even with exited participants

Stakeholder Engagement

- Active Community Advisory Board (CAB)
- Active linkages with LGBTI groups in the area
- Membership of the MSM Research Consortium
- Participation in local and national TWG
 - Key populations
 - HIV Pre Exposure Prophylaxis
 - Sexually Transmitted Infections

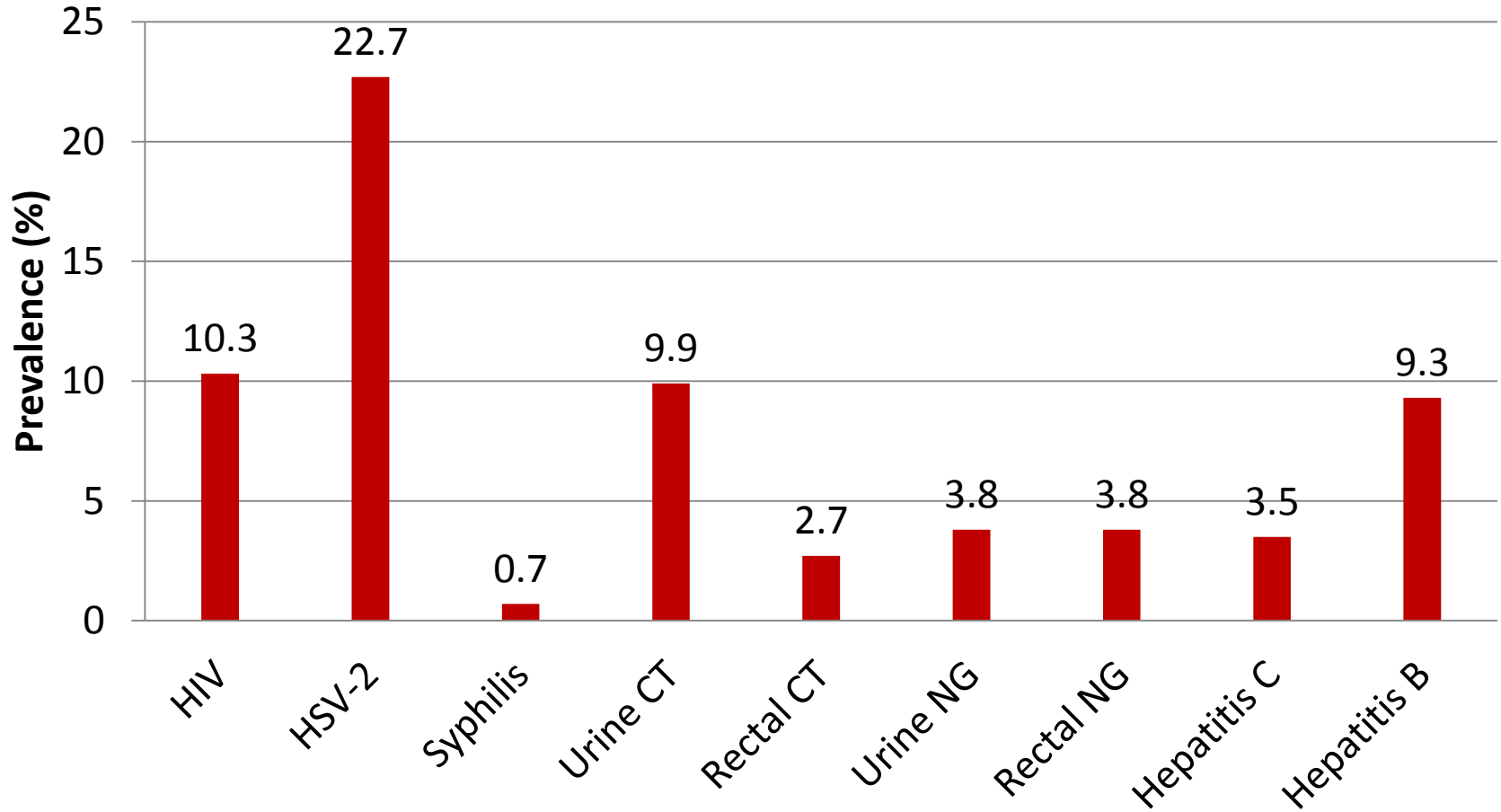
Baseline Screening and Enrolment



Baseline Risk Behaviours

Variable	N	Percent
Age (median, IQR)	23 (21-28)	
Had sex for money in last 3 months	408	65.8
Always has transactional sex	48	7.7
Ever used condoms for AI last 3 mos	538	86.6
Always used condoms for AI in last 3 mos	244	39.3
Ever treated for STI	79	12.7
Ever tested for HIV in past year before study	517	83.4
Ever forced to have sex with a man	147	23.7
Hazardous/harmful alcohol consumption	311	50.2
Ever injected drugs in past year	40	6.4

Baseline HIV and STI Prevalence



Policy and Programme Significance

- Change in STI guidelines
 - STI diagnosis and treatment among GBMSM
- PrEP policy
- Hepatitis B vaccination
- Hepatitis C magnitude

Acknowledgements



- Anza Mapema Participants
- Anza Mapema Staff
 - Leah Osula, Beatrice Achieng, George N’gety, Caroline Oketch, Violet Apondi, Evans Kottonya, Caroline Agwanda, Ted Aloo, George Oloo, Caroline Obare, Eve Obondi, Colin Kunzweiler, Duncan Okall
 - Peer educators
- AMS CAB
- NASCOP/MoH

