

HIV Infection Among Swazi Children Age 5-14 years

‘evidence from the SDHS’

presented by

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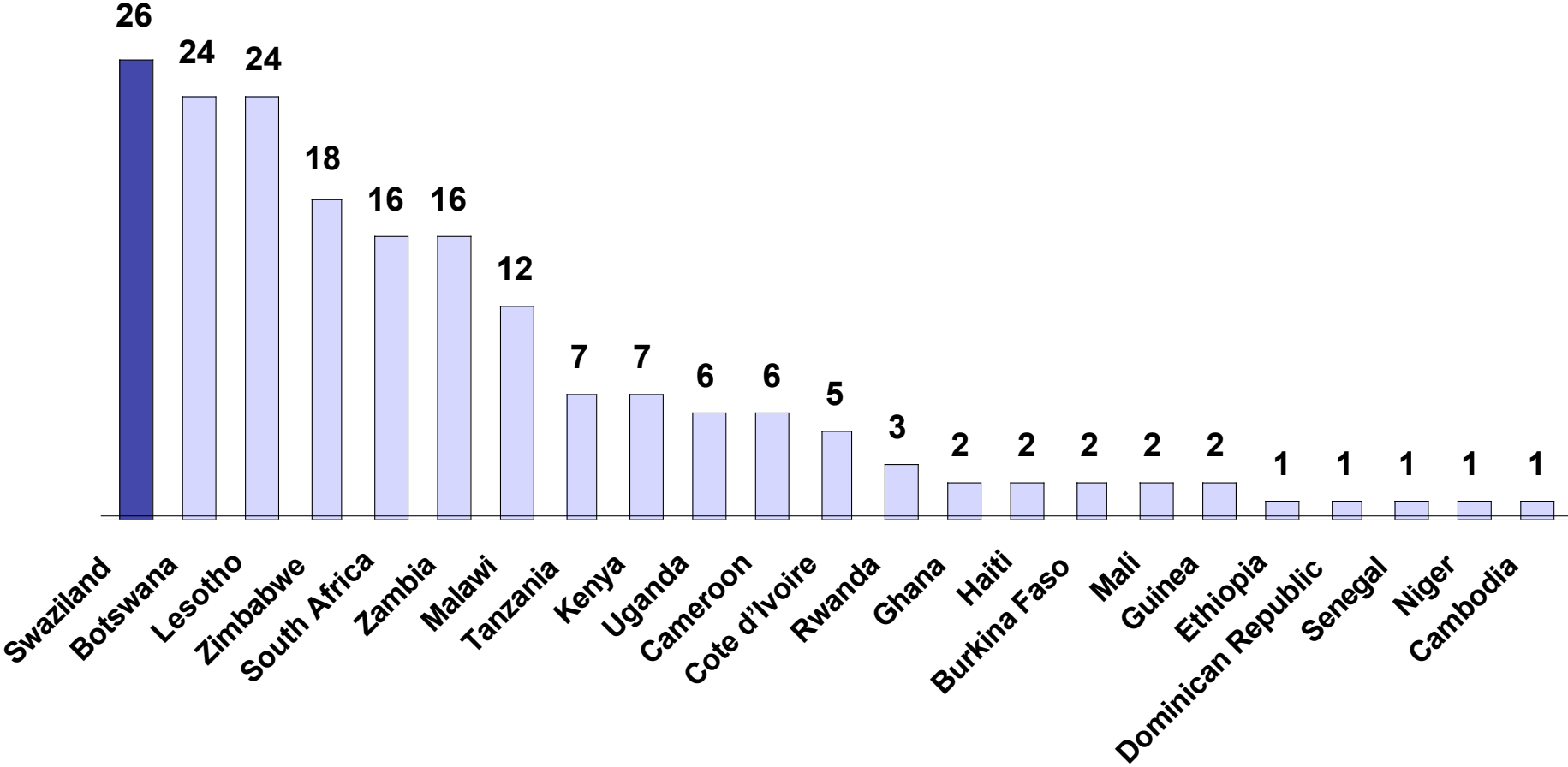
HIV Testing Protocol

- **Population age 2 and older targeted for testing**
- **Testing anonymous and results not returned to subjects**
- **Informed consent procedures were followed**
- **Brochure provided explaining testing**
- **Subjects advised they would not receive results and provided information on VCT sites if they wanted to know status**

DBS Collection and Testing

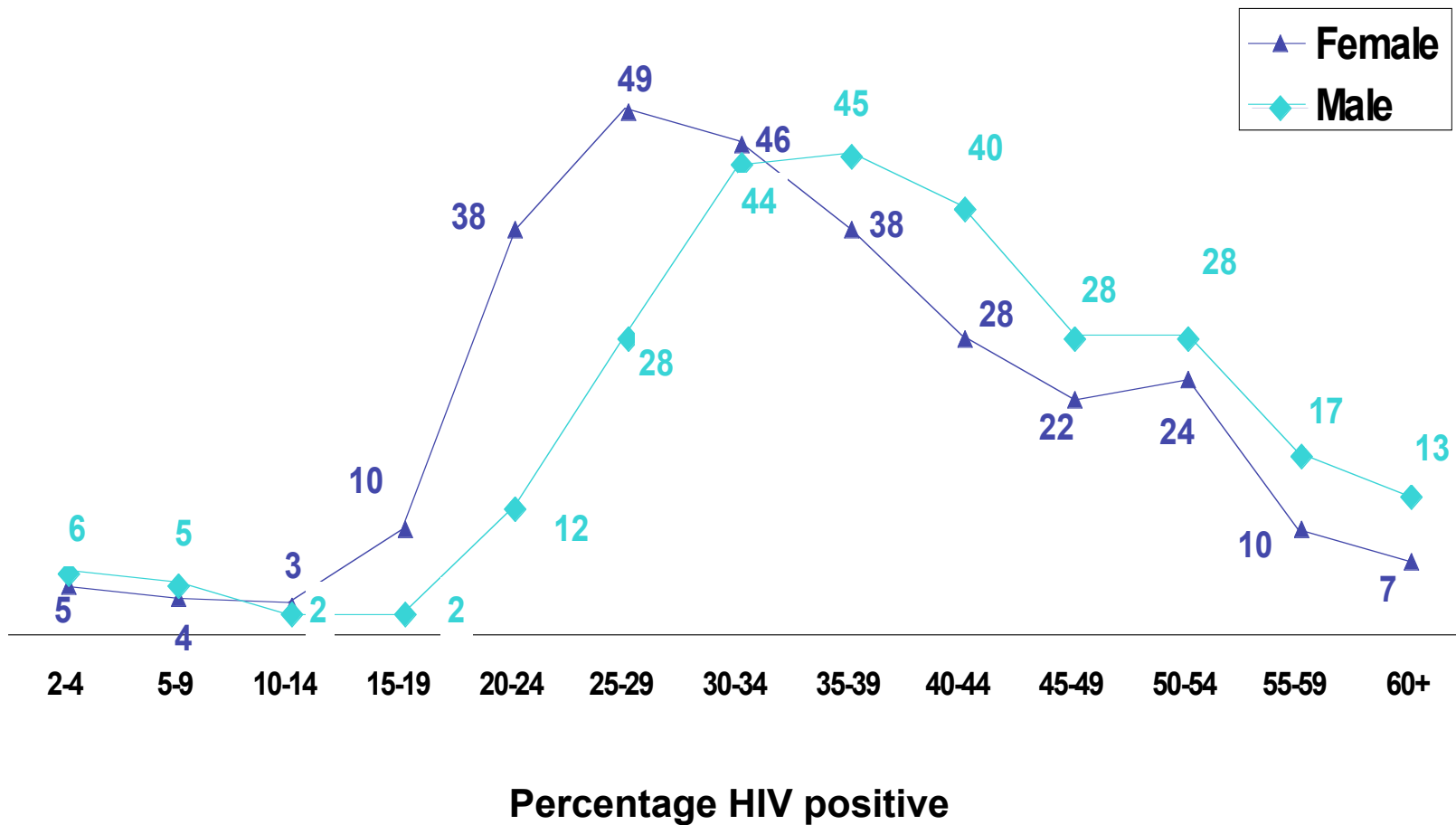
- **At least three blood spots collected from same prick as blood drops used for anaemia testing and dried on filter paper card**
- **DBS sample labeled with unique bar code and no other identifiers**
- **DBS sent to National Referral Laboratory for testing with screening and confirmatory ELISAs**
- **Using the bar code labels, limited information on age, sex and residence linked at laboratory to produce preliminary report results**

HIV Prevalence Rates, Selected Countries



Percent HIV positive among population age 15-49

HIV Prevalence among Population Age 2 and Older by Age and Sex



Notes on chart "HIV Prevalence among Population Age 2 and Older by Age and Sex"

This chart examines the age pattern of infection.

- The HIV rate which is around 5 percent among children under 10 years drops gradually to around 3 percent in the 10-14 cohort.
- For women, HIV prevalence then rises extremely rapidly from at a level of 10 percent in the 15-19 age cohort to a peak at 49 percent in the 25-29 age group.
- For men, prevalence remains at a low level in the 15-19 age cohort before rising to a peak of 45 percent in the 35-39 age group.
- It is in the 35-39 age cohort that the HIV rate among men first exceeds the rate among women. From that point on, the rate among men is consistently higher than the rate among women.
- This chart also shows that a considerable proportion of older adults in Swaziland are HIV infected. Among the age group 60 and older, for example, the HIV rate is 13 percent among men and 7 percent among women. The rate among men in this age group is higher than among men under age 25.

HIV Prevalence among population age 5 to 14 years



HIV Prevalence among children age 5 to 14 years

Age Group	girls	boys	both sexes
5 to 9	3.6 (670)	4.8 (697)	(4.2) 1, 367
10 to 14	3.3 (744)	1.9 (657)	(2.6) 1, 402

Thank you