Costs and Impacts of Scaling-Up Male Circumcision in Sub-Saharan Africa

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Purpose

- Support PEPFAR country teams and national programs in the design on MC roll out strategies
- Estimate the impact of alternative strategies on
  - New HIV infections averted
  - Service delivery requirements
  - Costs
  - Cost effectiveness
- Country briefs prepared for each PEPFAR country
- Illustrate the costs and service delivery requirements of different rates of scale-up
Methods

• Decision Makers’ Programme Planning Tool for Male Circumcision Service Scale-Up (developed with UNAIDS and WHO)

• Scale-up coverage to 80% of adult males and neonates by 2015

• Country-specific costs for Botswana, Lesotho, Namibia, Swaziland, Zambia

• 80% public, 20% private
New Infections Averted (Cumulative 2009-2025)
New Infections Averted (Cumulative 2009-2025)
Annual Cost of MC Services: All 14 Countries

Range $440,000 - $82 Million
Discounted Cost per Infection Averted (2009-2025)
Discounted Cost per Infection Averted

Discounted life time costs of treatment = $7400
Annual Number of Male Circumcisions Required

- Botswana
- Gambela
- Nyanza
- Lesotho
- Malawi
- Mozambique
- Namibia
- Rwanda
- South Africa
- Swaziland
- Tanzania
- Uganda
- Zambia
- Zimbabwe

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Conclusions

• Potential impact is large

• MC programs will be cost effective

• Program requirements depend on pace of scale-up

• Are funders and health systems prepared to provide up to 12 million male circumcisions per year by 2012?