



HIV PCR Testing at Birth in KwaZulu Natal, South Africa–

One Year Post Introduction of the Largest Neonatal HIV Testing Programme

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BACKGROUND

- Universal birth HIV PCR testing of all HIV-exposed neonates was introduced in KwaZulu Natal (KZN), South Africa in April 2015 to reduce morbidity, mortality and loss to follow up of in utero-infected infants
- In addition, a second HIV PCR at 10 weeks was introduced to detect later HIV transmission
- We describe birth testing (<7days) coverage and percentage positivity in the first year of implementation (Apr 2015-Mar 2016) in KZN using data from the National Health Laboratory Service

OUTCOMES in KZN

EID coverage

@ 6-weeks:	92% for 2014/15
@ Birth:	81% in the first year 2015/16 94% in the final quarter of the first year
@ 10-weeks:	79% in the first year of birth testing (includes residual 6-week testing)

Percentage positivity

@ 6-weeks:	1.3% for 2014/15
@ Birth:	0.7% in the first year
@ 10-weeks:	unknown (unable to deduplicate)

Conclusion:

- KZN has successfully implemented birth testing
- 10-wk testing requires attention

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