Lesson Learned from Implementing PITC Among Pregnant Women After Introduction of PMTCT and SUFA Initiatives in Bali Province

Authors:
Suciari E, Bria MD, Agririsky C, Haditya Y, Rusidi HA, Sutarsa IN, Mariani P

1. Background

- Transmission of HIV from mother to child remains a global health problem.
- In 2013, there were 3.2 million children living with HIV around the world.
- In Bali Province, the number of people living with HIV was 8,141 in 2013.
- Children aged 1-4 years accounted for 53 cases, and those aged 5-14 years for 207 cases.
- Vertical transmission from mother to child is the highest (90%) cause of HIV-infected children.
- The HIV Prevention of Mother to Child Transmission (PMTCT) program was initiated in Bali in 2005.
- A Strategic Use of ARV (SUFA) targeting HIV-positive pregnant women encourages them to be on ART.

2. Method

Secondary data from 3 districts (Badung, Buleleng, Denpasar) generated by the Bali Province Department of Health.

3. Result

- Of the 22,875 targeted pregnant women, 13,911 (60%) were offered HIV testing.
- 12,380 (89%) willing to test.
- Positivity rate: 0.36% (45 women).
- 18 (46%) on ART, 17 (94%) cesarean delivery, 18 (100%) newborn alive.
- 11 (61%) had ARV prophylaxis.

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<tr>
<th>Targeted</th>
<th>Offered</th>
<th>Tested</th>
<th>Positive</th>
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<td>22,875</td>
<td>13,911</td>
<td>12,380</td>
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HIV Integrated Data in Antenatal Care Bali Province 2014

4. Conclusion

- The low positivity rate indicates that more targeted PITC approach is crucial.
- High rate of lost to follow up indicates the need for strategies to improve adherence.

5. Implication of study

- This finding indicates low coverage of PITC program.
- High rate of lost to follow up indicates the need to develop strategies.

References: