Adherence to essential practices following strategic skills building and onsite structured mentoring in labour rooms, Maharashtra, India

Bijali Sinha
Program Officer, Jhpiego, Mumbai
Our rates of institutional birth increased after Janani Suraksha Yojna

Proportion of live births

<table>
<thead>
<tr>
<th>Year</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLHS-3 (2007)</td>
<td>47.0%</td>
</tr>
<tr>
<td>CES (2009)</td>
<td>72.9%</td>
</tr>
<tr>
<td>HIMS (2012)</td>
<td>82.8%</td>
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<tr>
<td>DLHS-4 (2012-2013)</td>
<td>92.0%</td>
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>75% increase in 5 years
Trends In India & Maharashtra

Maternal Mortality Rate

- MMR reduced by 35% in 5 years

Infant Mortality Rate

- IMR reduced by 29% in 5 years
Simple, Evidence-Based Practices Save Lives

- AMTSL has been shown to reduce the incidence of PPH (>1/3 of maternal deaths in India) by up to 66%
- Use of MgSO4 in severe pre-eclampsia has been shown to reduce progression to eclampsia by 58% & reduces deaths by up to 45%
- Use of the partograph to monitor labor/identify complications early has been shown to reduce early neonatal deaths by 40%
- Antibiotics for preterm premature rupture reduces the incidence of infections by 32%
The Program…

Jhpiego and Government of Maharashtra, with support from John D. and Catherine T. MacArthur Foundation, developed a program to improve the quality of care in labour rooms of selected facilities in Maharashtra since January 2013.
Geographical Coverage
Objectives

Objective 1: Support targeted improvements in highest impact clinical practices in the labor room.

Objective 2: Strengthen select, targeted midwifery competencies of the providers to enable provision of high-quality, respectful intra- & postpartum services at the facilities.

Objective 3: Support the development of an enabling environment at the facilities.

Objective 4: Strengthen the performance measurement capacity at the facilities to enable them to monitor, report and recognize quality achievements.
Clinical standards for improving quality care in labour rooms

Standards-Based Management and Recognition: A Process for Improving the Quality of Health Services

<table>
<thead>
<tr>
<th>Areas</th>
<th>No. of Standards</th>
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<tbody>
<tr>
<td>Normal Labor, Childbirth and Immediate Newborn Care</td>
<td>18</td>
</tr>
<tr>
<td>Management of Antenatal, Intrapartum and Postpartum Complications</td>
<td>7</td>
</tr>
<tr>
<td>Postpartum Care for a Woman and the Neonate</td>
<td>8</td>
</tr>
<tr>
<td>Infrastructure and Human Resources</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>40</strong></td>
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</table>

The standards in the tools tell providers not only “what to do” but also “how to do”. Based on Gov guidelines- SBA, NSSK, Infection Prevention, BEmOC
Facility Approach

Orientation to Standards
Baseline Assessment
Implementation of Standards
Clinical Skills Standardization Update
Mentoring
Periodic Assessment
Rewards & Recognitions
Implementation

Clinical Skill Standardization

- 2-day Clinical Skill Standardization workshop
- Based on labour room delivery practices, namely-Plotting partograph, 2nd and 3rd stage of labour management, newborn resuscitation, PPH, eclampsia management
- Involves all the labour room staff through objective structured clinical evaluation
- 365 labour room staff trained to date

Post-Training Mentoring Visit

- Followed by post-training mentoring visit
- Hands on mentoring provided to LR staff
  - Translation of skills into practices
  - Skill correction
- Need-based, short onsite trainings
- Hands on & onsite training for 300 labour room staff to date
Trends of essential practices during delivery

- Estimate gestational age and antenatal corticosteroid
- BP
- FHR
- AMTSL
- Partograph
- Urine albumin/Hb in LR on admission
- Delivery on mothers abdomen
- Management of Eclampsia
- Performs hand hygiene before PV
- Essential Newborn Care
- Monitoring of 4th stage of labour
- New Born Resuscitation
- Management of PPH
- Monitoring of baby immediately after birth

N=15
Practices initiated after clinical standardization workshop

Plotting simplified partograph

Newborn resuscitation - maintaining golden minute

Performing AMTSL
Structured and focused clinical standardization workshop followed by focused mentoring visits help in adherence to essential labour room practices to improve quality care for mother and newborn.
Not miles but few steps to walk to reach every mother and newborn to improve quality of care during intra and immediate post partum period.