Introduction of Chlorhexidine in Sindh, Pakistan

19 October 2015

Qamar u Zaman Jamali
Newborn and Child Health Advisor
Objective: To improve the quality of MNCH services across Sindh, in both public and private health sectors.

Newborn and Child Health Interventions

- 7.1% chlorhexidine digluconate for umbilical cord care
- Helping Babies Breathe to manage birth asphyxia
- Case management of Pneumonia and Diarrhoea at first level care facility
- Case management of serious infections in Young Infants at secondary care facilities
- KMC for preterm /low birth weight babies
Introduction of Chlorhexidine in Pakistan

- MCHIP Stakeholder consultation meeting
- DOH approval
- DOH endorsed training manual
- Training of Community health workers and SBAs
- Delivery of CHX by Lady Health Worker
- National technical meeting - Provincial departments of health asked to finalize CHX policy
- National technical meeting - national health ministry endorsed CHX policy for all provinces/regions
Training and IEC materials

Role of 7.1% Chlorhexidine Digluconate in Prevention of Newborn Sepsis

One-Day Orientation for Skilled Birth Attendants (SBAs) and Lady Health Workers (LHWs)

Department of Health, Government of Sindh 2014
Combining chlorhexidine and misoprostol

- Both drugs used within minutes after delivery of the baby
- Both drugs are lifesaving, and simple to use
- Both drugs can be distributed to pregnant women by LHWs during 3rd trimester
- All health facilities can stock the drugs in the labor room
- No refrigeration is required for storage
Distribution Pouch including Chlorhexidine, Misoprostol, and IEC material
CHX Adherence Assessment

<table>
<thead>
<tr>
<th>Time Interval</th>
<th>Patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within one hour</td>
<td>67</td>
</tr>
<tr>
<td>1 to 2 hours</td>
<td>4</td>
</tr>
<tr>
<td>3 to 6 hours</td>
<td>9</td>
</tr>
<tr>
<td>7 to 12 hours</td>
<td>10</td>
</tr>
<tr>
<td>13 to 24 hours</td>
<td>8</td>
</tr>
<tr>
<td>25 to 72 hours</td>
<td>3</td>
</tr>
</tbody>
</table>
Applied something else on umbilical cord besides Chlorhexidine (%)
THANK YOU