

## Step 6: Plan for Monitoring and Evaluation (M&E)

Illustrative indicators for measuring inputs, outputs, outcomes and impact are provided below, with examples of potential data sources:

### ***Potential minimum set of program indicators*** (adapted from *Case Study: Chlorhexidine for Umbilical Cord Care, 2012*)

- Proportion of public and private facilities with chlorhexidine in stock.
- Proportion of wholesale and retail pharmacies stocking chlorhexidine.
- Proportion of caregivers recommending the use of chlorhexidine.
- Proportion of consumers using chlorhexidine for cord care.
- Proportion of babies receiving chlorhexidine at health facility (for facility births).
- Proportion of babies receiving chlorhexidine at home (for home births).
- Proportion of babies receiving chlorhexidine within 2 hours of birth either at home or health facility.
- Proportion of chlorhexidine use consistent with local guidelines.
- Proportion of mothers who report applying chlorhexidine and no other substance to the cord.
- Neonatal mortality rate.
- Proportion of neonatal mortality from infection.

### ***Facilities***

- Quantity of 7.1% chlorhexidine digluconate used for cord care (by place of use) (Monitoring)
- Incidence of other antiseptics being used for cord care (Monitoring)
- Incidence of traditional substances being used for cord care (Monitoring)
- Quantity of 7.1% chlorhexidine digluconate distributed through ANC clinics (Monitoring)
- Quantity of 7.1% chlorhexidine digluconate provided to community-based workers (CHWs, TBAs) (Monitoring)
- Number of copies of updated cord care guidelines disseminated (Evaluation)
- Number or proportion of monitoring and supervision tools updated to include ENC/chlorhexidine for cord care (Evaluation)
- Number of updated clinical guidelines disseminated (Monitoring)
- Number of pre-service curricula updated (Monitoring)
- Number of CHW and other training manuals updated (Monitoring)
- Number or proportion of retail pharmacies that supply chlorhexidine for cord care (Monitoring)
- Sales of chlorhexidine at retail pharmacies/outlets (Monitoring)

**Women:**

- Proportion of women who report they have correctly used chlorhexidine for cord care (Evaluation)
- Proportion of women who report that they know where to get chlorhexidine (Evaluation)
- Proportion of women who report that chlorhexidine is the best choice for cord care (Evaluation)
- Proportion of women who know that chlorhexidine for cord care can reduce cord infection. (Evaluation)
- Proportion of women who report they would be willing to use chlorhexidine with their next child (Evaluation)
- Proportion of women who report they would recommend chlorhexidine for cord care to a relative or friend (Evaluation)
- Proportion of women who report being satisfied with chlorhexidine for cord care (Evaluation)
- Proportion of women who find a short delay in cord separation due to chlorhexidine acceptable (Evaluation)
- Proportion of new mothers who delivered with a skilled birth attendant (Evaluation)

**Providers:**

- Proportion of facility-based providers who have or have seen [updated] guidelines on cord care (Evaluation)
- Number or proportion of providers trained to use chlorhexidine for cord care (Monitoring)
- Number or proportion of providers who know how to administer chlorhexidine for cord care (Evaluation)
- Proportion of providers who apply chlorhexidine to the newly cut umbilical cord (Monitoring)
- Number or proportion of households visited by community-level providers to discuss newborn care including chlorhexidine for cord care (Monitoring - provider self-reported data)
- Number or proportion of private pharmacies that stock chlorhexidine formulated and packaged for cord care (Evaluation)
- Quantity of chlorhexidine distributed by TBAs/CHWs (Monitoring)
- Proportion of ANC providers/CHWs who report they recommend chlorhexidine to all pregnant clients (Evaluation)

**Fathers, grandmothers and other family members:**

- Proportion of fathers/grandmothers who know that neonatal sepsis is a leading cause of newborn deaths (Evaluation)
- Proportion of fathers/grandmothers who report they have heard of chlorhexidine (Evaluation)
- Proportion of fathers/grandmothers who know that chlorhexidine can prevent cord infection (Evaluation)
- Proportion of fathers/grandmothers who accept a delay in cord detachment due to chlorhexidine (Evaluation)
- Proportion of fathers who report willingness to pay a reasonable price for chlorhexidine for cord care (Evaluation)

- Proportion of fathers/grandmothers who report applying chlorhexidine instead of other substances during cord care (Evaluation