## **Bangladesh**

## A. Background<sup>1-6</sup>

Core demographic data
Population size (thousands)

Maternal mortality ratio (MMR) (per 100,000 live births)
Neonatal mortality rate (NMR) (per 1,000 live births) Child mortality rate (per 1,000 live births) Stillbirth rate (per 1,000 live births)

Domestic general government health expert domestic product (GDP) (%)

Domestic general government health expenditure per capita (in US\$)

## National coverage of key interventions Antenatal care (4 or more visits) Skilled attendance during delivery Institutional deliveries Cesarean section rate Initial breastfeeding (1 hour of birth) Exclusive breastfeeding rate (of infants under age 6 months) Postnatal visit for baby (within 2 days of birth, medically trained provider

31.2 42.1 55.3 Postnatal care for mother (within 2 days of birth, medically trained provider)

B. Implementation milestones

Supportive governance policy and structures developed or established OCC for maternal and newborn health (MNH) roadmap developed and be Learning districts and facilities selected and agreed upon OCC implementation package developed.

youthous and stoomes solicited and agried upon CoC Implementation package developed Adaptation of MRH DoC standards Action; Learning sites identified and prepared Orientation of learning districts and facilities District learning mathox; established and functional (reports of visits) QoC coaching manuals developed Dealthy (progressment).

site coaching visits occurring in learning districts arning and accountability: QoC MNI

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Intability and community engagement sm for community participation integrated into QoC planning in learning districts

## C. Progress at the national level (2017–2018)

### National overview of QoC for MNH

Currently updating "Strategic Planning on Quality of Care for Health Service Delivery in Bangladosh" (2015) in which maternal, newborn, and child health (MNCH) is a priority area

To ensure quality of care for reproductive, maternal, newborn, child, and adolescent health (RMNCAH) services

## National targets

## QoC technical working group (TWG)

- Note: Section and 2016

  Members include Ministry of Health and Family Welfare (MOHFW), Save the Children, Pathiodor International, Management Sciences for Health, Let Children, Pathiodor International, Management Sciences for Health, Let Children, Pathiodor International, Management Sciences for Health, Let Children, Let Children, Management Sciences for Health, Let Children, Management Sciences for Health, Let Children, Let C

## Joint products and activities by the QoC TWG

RMNCAH National Guideline Strategic Plan developed (2016-2020)
 National Every Mother Every Newborn (EMEN) standards guideline

## Learning districts and facilities

- 3 learning districts selected where performance is low, facility managers are motivated, and MMR and IMR are high
   4-5 learning facilities per learning district

  District aims towards national strategy

- To improve the delivery of MNCH services
  To improve the readiness of the facilities
  To isst Olithoroutions in these facilities and assess the impact of the intervent
  To develop these facilities as a model to others in MNCH services

To reduce neonatal mortality by 15% in five facilities under mother-baby friendly facility initiatives

### Clinical improvement aims

4.7

- o ensure quality antenatal care (ANC), delivery, postnatal care and newborn acillities have different aims, such as to: Monitor labour using partograph Administer oxylocin as part of active management of the third stage of labour

- labour

  Provide assential/mmediate newborn care
  Manage nathernal complications
  Manage sick newborns
  Monitor temperature for low sith weight newborns
  Increase service of Sangator mother care (KMC)
  Ensure 247 meregency obstetric and newborn services
  Increase the process of Sangator mother care (KMC)
  Ensure 247 meregency obstetric and newborn care services
  Increase the poending of hand washing from 0% to 70% to prevent
  infection within 4 weeks
- Increase the percentage of immediate drying of newborn who are delivered in facility from 50% to 100% to prevent hypothermia within 4 weeks

## Quality interventions included in the national MNH

## Interventions to build a supportive environment

- Implementation in progress for public reporting and comparison through Community Support Committee
- Increased training of service providers in capacity development and standard training (EMEN standard training, emergency triage and treatment, KMC, competency-based training, leadership, etc.)
- Dest performance award was given to the best facilities by the civil surgeon and Quality improvement Secretariat (QIS).

  Networking with Network countries to share learning experiences and participating in Network webinars

## Interventions to support change at facilities

- On-site clinical training/imentorship is planned through OGSB and BPA or the neonatal society. Representatives from this organization have visited and made suggestions to improve service delivery and management. Standard operating protocol on maternal and neonatal health care has been introduced including the safe surgery checklist, PDSA training manual, and infection prevention.
- In the process of planning to involve professional bodies in audit and feedback. Service providers were oriented on maternal and perinatal de surveillance review (MPDSR).
- surveillance review (MPDSM).

  Have practiced SS and initiated PDSA cycle for CII with demonstrable improvements made across a number of bous areas.

  Organized frequently experiences sharing visits among the facilities (both internal and obstrantal).

  Developed EMEN/MNH protocol and assessment checklist

## Interventions involving people, families and communities

- While community engagement committees are not yet formed in all districts, initial community support was made available from different sources (i.e. LGRD).
- LORIU).

  One community participation group formed and met quarterly.

  Plans made for further strengthening of existing health communication program.
- Shared decision-making through QI committees and community participation committee meetings

  Facilities have a health education corner where visitors can access a range of printed and audio-visual materials to aid in their care journeys.

\*Interventions have started since the last update

## D. MNH QoC baseline data for learning facilities

## Baseline common indicators

Opportunities and progress made

## E. Implementation progress in learning districts

- National team (OGSB, BNF, BSMMU, regional team including the team from the QIS and MOHFW
- including the team from the QIS and MOHEW
  District level: civil surgeon, hospital supprintend
  Health and Family Planning Officer, consultants
  Each person supports 2-5 facilities
  Visits may be weekly or monthly
  Quarterly progress meetings

- Engagement and involvement of managers and consultants was resolved with interpersonal communication
   ANC corner functioning: fixation of SSN & midwives involvement
- involvement

  Site selection of KMC corner set up: Site visited by senior government staff members from QIS & DGHS. The understanding among the team members of the national assessor steam was not the same. We solved it by providing training of trainers for all team members and by supporting them with a clear understanding of standards and tools.

- Who provides on-site
  On-site support may be provided by the doctor, OI trainers, consultants, senior staff rurse, international memotr from the regional office, national team, civil support, and superinterbort.

   Each person supports 1 to 5 sites, providing support on a weeky, monthly, or quarterly basis
   Coaches provide facilitation, monitoring, mentoring, on job training, and support to front line teams to develop others

Sustaining regular meetings of QI committees and WITs
 Repeated withdrawal of service providers for training hampers services

# Data collected to assess impact of specific interventions Review of data at regular interventions Storyboards appuring the improvement journey

- Quarterly coordination meeting at the QIS for all 4 learning facilities to share and learn from other facilities.
   MPDSR coordination through video conference from the property of th

# Challenges solv implementing a learning system

- Number of live births
- Number of meternal and newborn deaths
  Number of maternal and newborn deaths
  Number of mothers receiving ANC 1+ and postnatal care 1+
  % of pregnant women who received quality ANC check-up

- sulphate

  \*\*No fall preferm babies born between 24-34 weeks of
  gestation whose mother received at least one dose of inj.

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- % newborns received 7.1% Chlorohexidine on umbilical cord
- \* Snewborns recolved Z1% Chlorohexidine on umbilical c
   \* of monthly OlC meeting held
   \* follow-up actions
   \* of relevant Ol training held for SP
   \* MINCH Task Exput functional with biannual meetings conducted and minutes available
   \* of assessment visits held with post assessment corrective actions.
- At least 80% of service providers from selected facilities are trained on OI guidelines and tools
   Monthly OIC meeting with minutes and follow- up actions EMEN facility assessment checklist
- EMEN standards dashboard
- Lowers sean Mattrib Gussindsort
   District Health Information System 2 (DHIS2) visits with feedback
   Field monitoring report
   Training and coaching reports
   Quarterly progress report
- indicators.

  An individual dashboard has been created to report or BMFFI and OI in DHIS2. The reporting registered had been modified from the national register to capture all OI data. New indicators include ENC and quality aspe of services (like hand washing, temperature monitorin counselling, etc.)

- Observational data is kept to a minimum and is used to

## It is challenging to capture the process indicators. We are still struggling to include these indicators.

# Unresolved challenges implementing a measurement sy

- - Local stakeholders have been involved in supporting prior infrastructure developments and provision of logistics.
- The challenge is for hospital management to fulfil some of the community stakeholders' and patient representatives' requirements (e.g., reduce waiting crowd control at hospital entrance; clearing the en by moving crowded vans, rickshaws, etc.)

- Facility level: The operational lead for each facility is responsible for the QoC program in their facility, in other facilities, the URFPO and OI food joint at the sub-district level are responsible. Description of the sub-district level has resident medical officer play a significant role and have received extensive training as a significant role and have received extensive training at at the divisional level (beyond two staff allocated for the district).

- The QoC intervention involves multiple players in the ministry. At times, the focus on QI and the level of interest can be low.

- Facility readiness plays a critical role in QI. A few settings required intervent improve facility readiness.
- improve facility readiness.

  Occ Interventions need so see monitoring and supervision. Orientation of stateholders at different levels ensured ownership and smooth implementation of the Occ program. However, the coordination among different players has remained challenging throughout the intervention.

  An early systematic assessment helped show the real picture on the ground.

  An early systematic assessment helped show the real picture on the ground. See the program of the production of the control of the production of the basis of the assessments findings.
- shared can also be used to encourage others to join the improvement journey. Developing analysis and presentation stells its useful for Solity-based teams to ensure that they can share their stories and successes in a way that demorstatistics he level of improvement that has been made. I information gathering and the development of salish to interpret data at the facility level help learned support the improvement journey. I highest solutions (e.g. supply chain management) also helped staff to ease the Most solution feet and management and solve help staff to ease the Most solution feet and management solve provides are also pre-requisite for the seleved by the programme at sub-rational level.

- me whole learn on quality.

  Adequate human resources are crucial to provide quality services and to implement OI activities.

  Close contact between mentors and facilities is essential at the initial stage for implementation of OI interventions.

  Continuous coaching and mentoring are required of facilities on both OI and dirical skills.
- Service providers must be empowered to make their own decisions regarding QL
- Service provisions insus to employeed to insuse tier own extension regarding to The relationship between the facility and community can ease the process of implementing OI interventions.
   An internal assessment and monotioning can bring good changes.
   Recognition of achievements and positive competition between teams bring positive changes among learns.



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