



# Experience of Implementing KMC in Bangladesh

## *Findings from the 'deep dive' in Bangladesh*



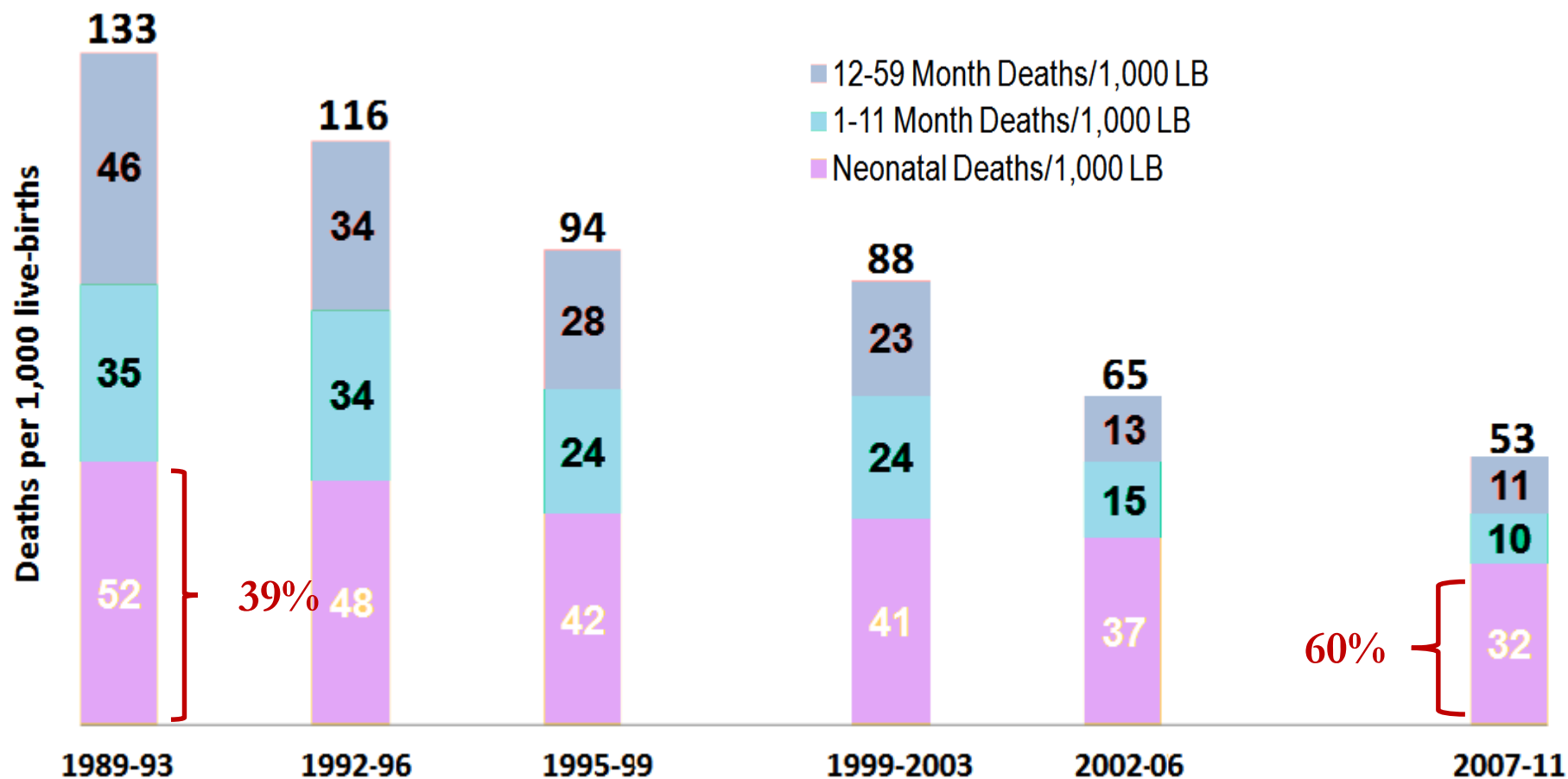
Dr Md Altaf Hossain  
Program Manager-IMCI, DGHS  
Ministry of Health & Family Welfare, Bangladesh



# Outline

- Where is Bangladesh with regard to MDG4 and their target towards under-5 survival?
- What are the causes of neonatal mortality in Bangladesh?
- What is the coverage of KMC services in Bangladesh?
- What is the state of implementation of KMC in facilities with KMC services?

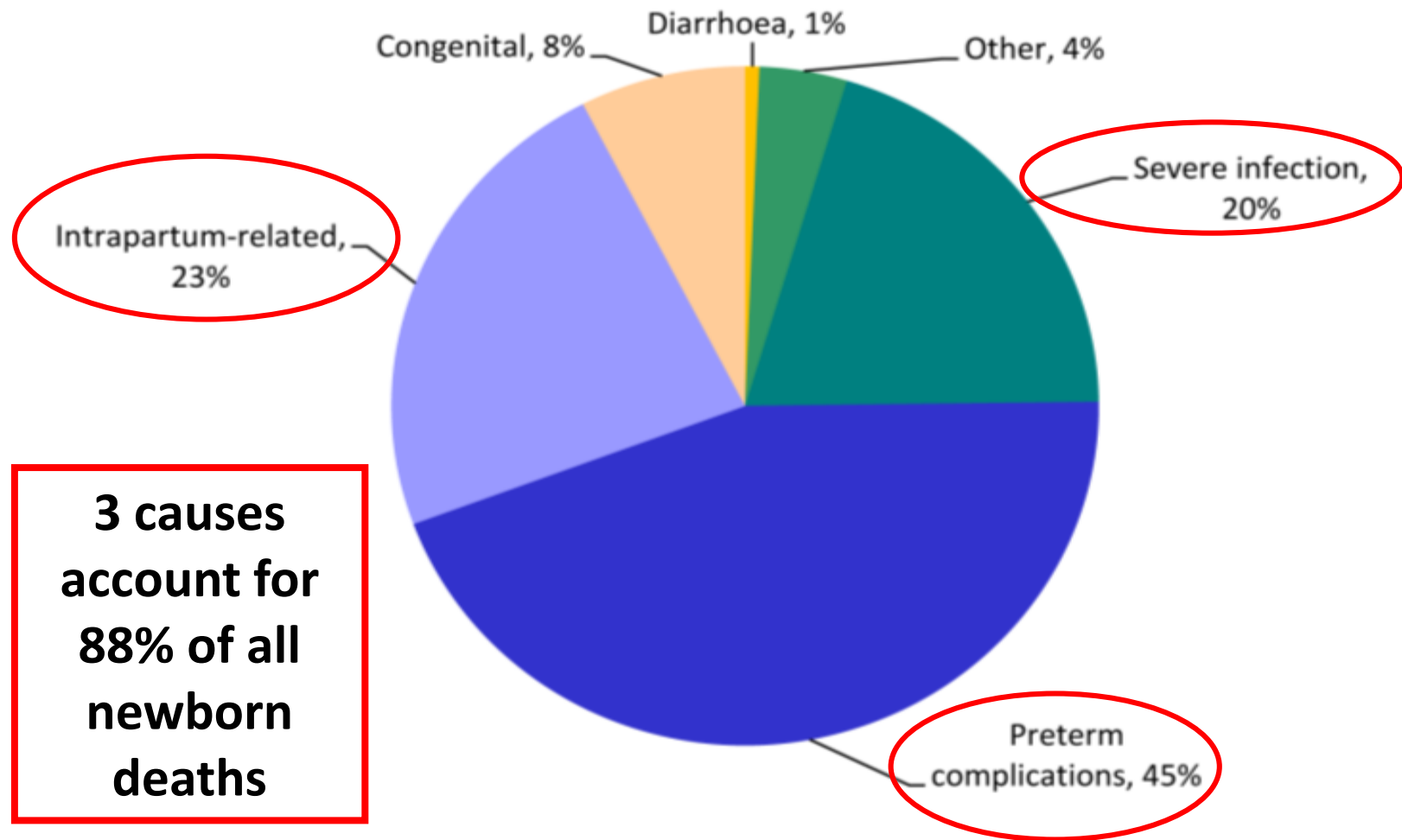
# Bangladesh on Track to Achieve MDG4 Targets Well before 2015



Bangladesh Demographic and Health Surveys

Bangladesh already achieved MDG4 mortality reduction targets

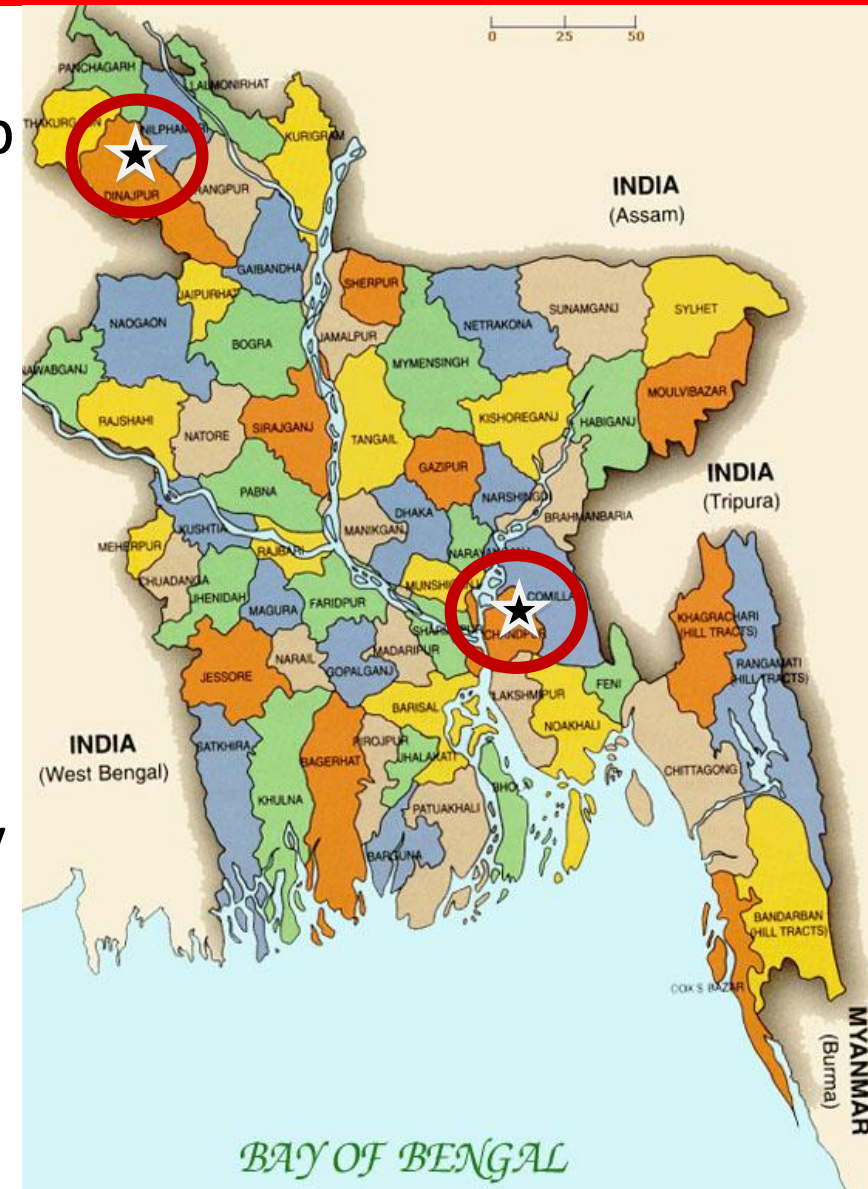
# Estimated Causes of Neonatal Mortality Around the Year 2010



Data source: Bangladesh-specific mortality estimates (Liu et al. 2012)

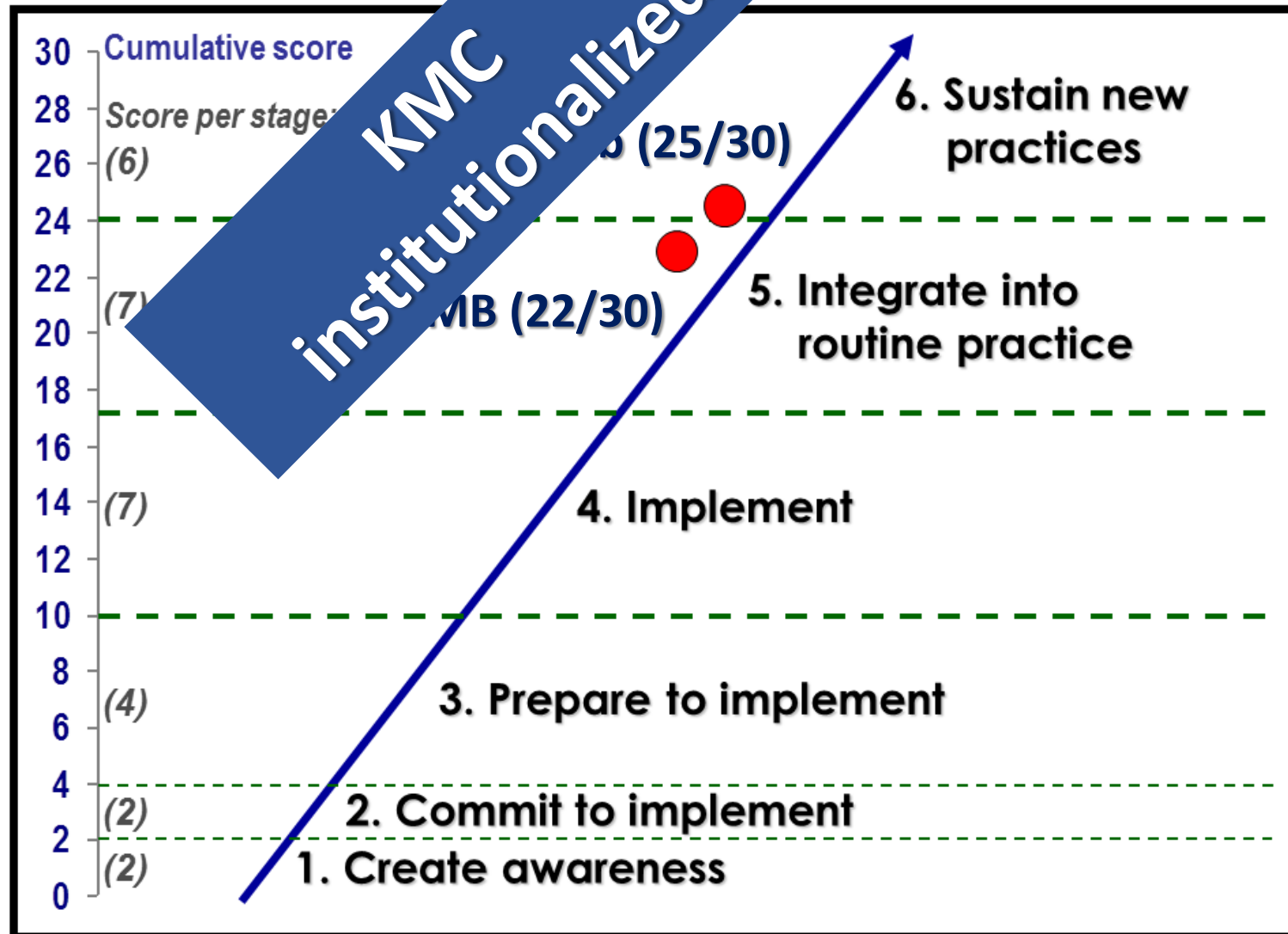
# State of KMC Implementation

- Only 2 private facilities at time of ‘deep dive’ – part of:
  - LAMB Integrated Rural Health and Development – Christian NGO – 40 years’ community health experience
    - Rural North-West Bangladesh – District Dinajpur – near town Parbatipur
  - Matlab Health Research Centre – 3 branches: Matlab Hospital; community research; health & demographic surveillance (220,000 population)
    - Matlab: sub-district of Chandpur – 56km southeast of capital Dhaka



# Assessment of KMC Facilities

- Dhaka Shishu Hospital not included – presentation Tuesday
- Scoring of LAMB and Matlab hospitals with standardized tool





# Facility Assessment Findings

Facility name	LAMB Hospital	Matlab Hospital
Organization	Non-governmental	International research
Level of care	Secondary	Primary
KMC initiated	1998	2007
KMC space	Postnatal ward*	Dedicated KMC unit
Number of beds	60*	6
Baby-friendly status	Yes	Yes
Type of KMC	Continuous	Continuous
Structured community follow-up	No	No

\* KMC also introduced in delivery ward (10 beds), pediatric ward (35 beds) & neonatal ward (11 beds)



**KMC unit, Matlab Hospital**

**KMC corner, postnatal ward, LAMB Hospital**





# Facility Assessment Findings

	<b>LAMB Hospital</b>	<b>Matlab Hospital</b>
Designated workforce for KMC only	No	Yes
Number of workforce trained in KMC	80	36
KMC-related equipment	Available	Available
Record keeping	Paper-based	Electronic
Duration of KMC practice per day	16-20 hours	18 hours
Feeding & weight monitoring guidelines	Yes	Yes
Inclusion and discharge criteria	Present	Present
Guideline followed	WHO	Adapted

# Conclusions

- Best practices from these facilities can be adopted and incorporated into national guidelines and scale-up strategies
- Both facilities can be used as national KMC training centers to ensure first-hand KMC experience to service providers unfamiliar with KMC



**Thank  
You**