Implementing WHO Safe Childbirth Checklist for safer maternal and neonatal care - Experiences from Sudan





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What happened?



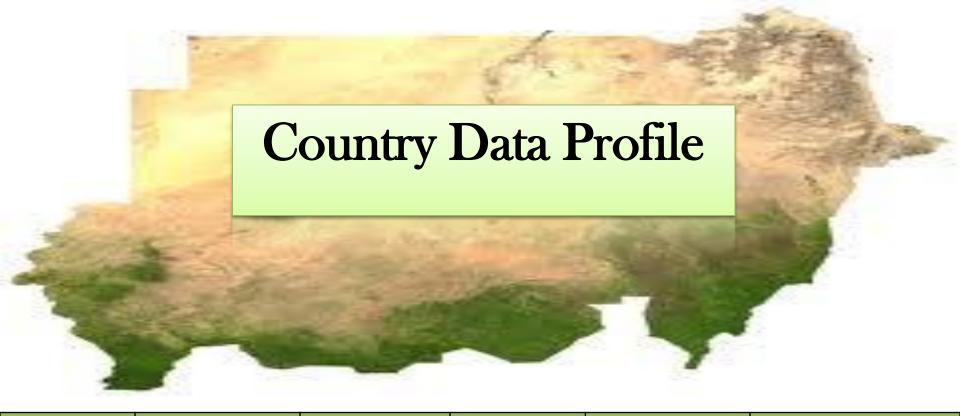
Overview



- ☐ Country Profile
- ☐ Global Burden
- ☐ Global efforts
- ☐ WHO Safe Childbirth Checklist
- ☐ Our Experience
- ☐ Lessons Learnt
- ☐ Steps to follow for success







Location	Area	No. of States	Population	Population growth rate	Health expenditure
North –East of Africa	1,886,068 Square Km	18	34,000,000	2.8%	8% from GDP



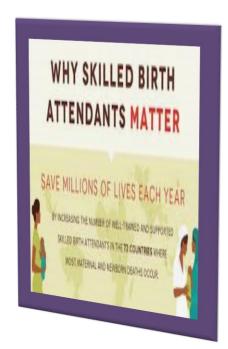


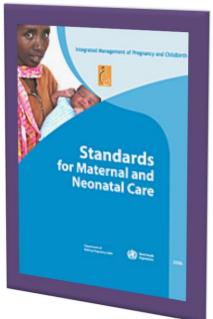
Global Burden



- ☐ According to WHO estimates, in 2010:
 - 287 000 women died during pregnancy and childbirth (WHO et al, 2012).
 - 2.6 million stillbirths(Cousens S et al, 2011).
 - 3 million newborns deaths within their first month of life (Rajaratnam JK et al, 2010).
- ☐ Greatest burden:
 - Within the first 24 hours after childbirth.
 - Low-resource settings
 - Preventable(WHO et al, 2012).

Global Efforts











Practice

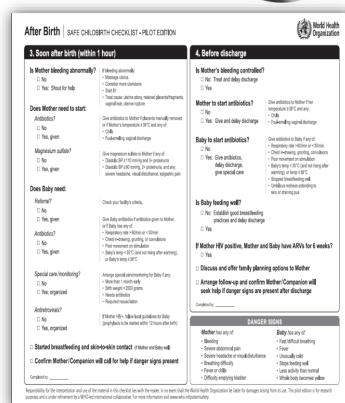
Knowledge

WHO Safe Childbirth Checklist



- ➤ A list of evidence-based practices
- ➤ Organized into 4 pause points
 - 1. On Admission
 - 2. Just Before Pushing (before C/S)
 - 3. Soon After Birth (within 1 hour)
 - 4. Before discharge
- Field testing in Karnataka India improvement from 10 to 25 out of 29
- ➤ BetterBirth Programme (RCT)

 determine the effect of Checklist on maternal and neonatal health outcomes- end in 2017







2012 Checklist was launched for global testing

Methodology



Selection of **Maternity** Hospital

Leadership **Engagement**

Selection and training of observers



Training of trainers on checklist

Post introduction









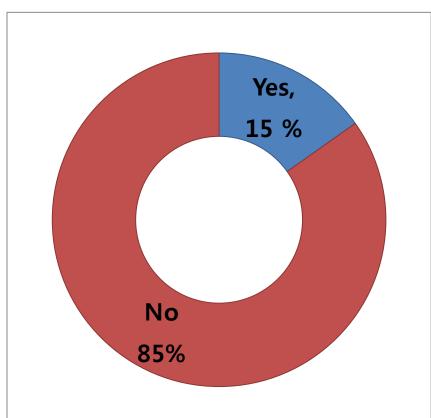




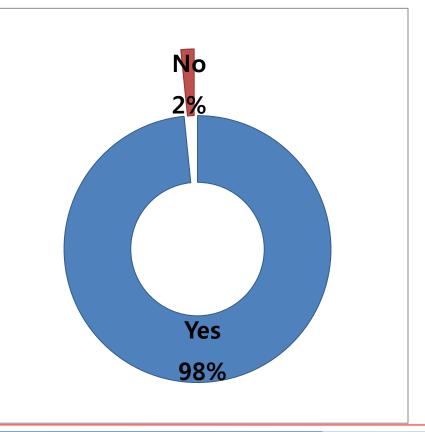
Adherence to Checklist



Doctors



Midwives







Cont.,



 \triangleright Checklist significantly improved the delivery of best childbirth practices in <u>20</u> out of <u>25</u> practice (P<0.002).

The practice of the non adherers mostly <u>didn't change</u> from the pre-intervention phase (<u>13</u> out of <u>18</u> practices in NVDs and <u>19</u> out of <u>23</u> practices in C-sections).





Healthcare providers response

Attitude

Facilitates adherence to best practice

Systematic

Good reminder

Improved communication

Waste of time during rush hours

Adherence

Motivation and follow up of Head

Incentive

Medical Record **Training**

Simulation

Coaching

Video

Suggestions

Oxygen

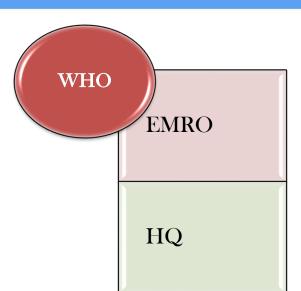
Vitamin K







Enablers



Ministry
Officials at KSMoH

Hospital

The deputy director of the hospital

Matron and Midwives

Head of Nutrition department

Infection Control nurse





Barriers



☐ Staff related issues:

Residents: Poorly motivated, High turnover

Poor documentation in general

Resistant Consultants

☐ Limited time frame for implementation



☐ Quality managers lack of authority





Recommendations



- 1. To adopt the checklist.
- 2. To establish a Monitoring and Evaluation System.
- 3. To conduct regular induction courses and CPD.
- 4. To review and update the hospitals' guidelines and protocols.
- 5. To strengthen the leadership role of consultants.
- 6. To engage residents and junior staff in hospital initiatives.





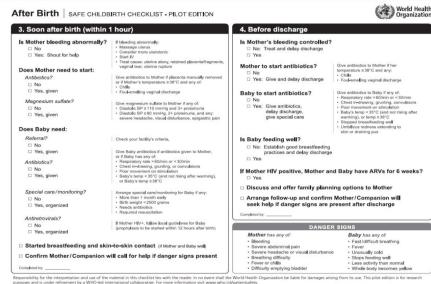
Conclusion

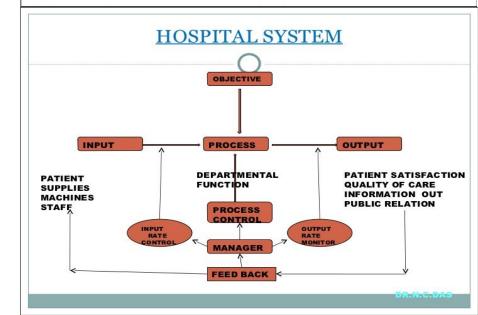


Direct: Facilitate Delivery of Best Practices

Indirect: Reflection of hospitals system

Can be used to guide improvement





Key messages



Useful resources



1. WHO Safe Childbirth Checklist Implementation Guide

2. Results of the The Better Birth Programme- large randomized control designed to determine the effect of a successful Checklist introduction on maternal and neonatal health outcomes.





Thank you



