



Evidence Based Comprehensive Continuum of Care Package for Maternal & Newborn

Dr. M L Jain
Director
State Institute of Health and Family
Welfare, Rajasthan
Jaipur



Global Key Facts : New Born Illnesses & Deaths

1. 41% of under-five child deaths takes place first 28 days of life
2. In developing countries every second mother and newborn do not receive skilled care during and immediately after birth.
3. 2/3 newborn deaths can be prevented through known interventions

Global Key Facts : New Born Illnesses and Deaths

1. ~3 million deaths within 1 wk
2. ~2 Million deaths with 24 Hr
3. 3.3 Million Still Births
4. A child's risk of death in the first four weeks of life is nearly 15 times greater than any other time before his or her first birthday.
5. 99% newborn deaths occur in low- and middle-income countries.

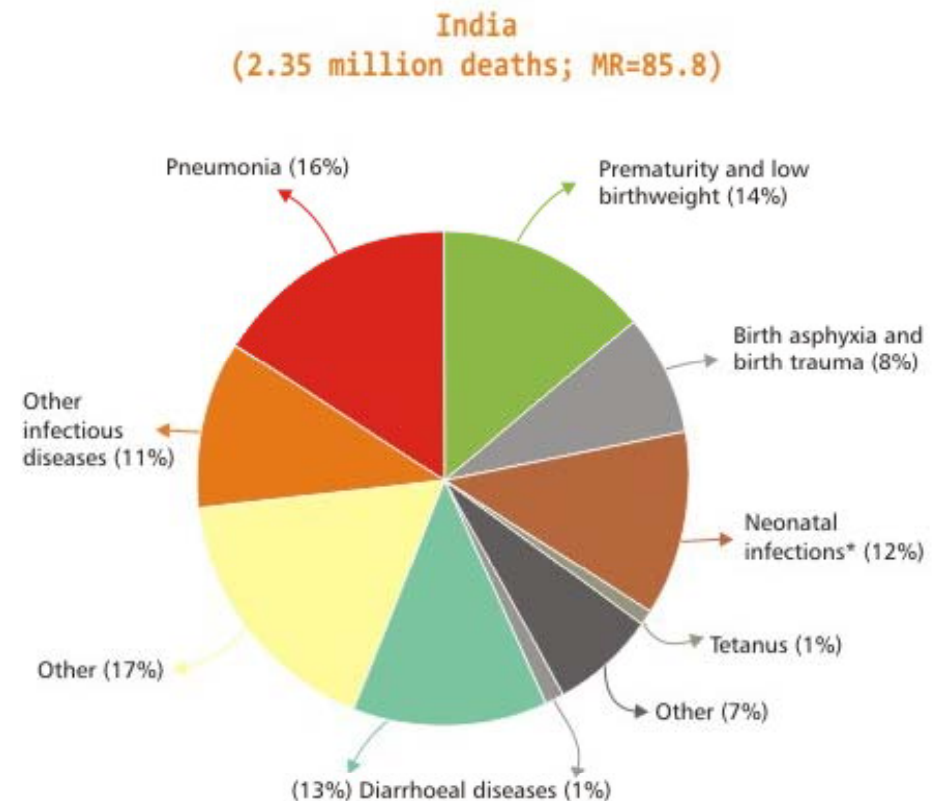


Figure 4: Causes of Neonatal and Child Mortality in India-

Source: Causes of Neonatal and Child Mortality in India: a nationally representative mortality

3 million deaths can be averted every year through low-tech, low-cost care interventions.

Source: WHO report

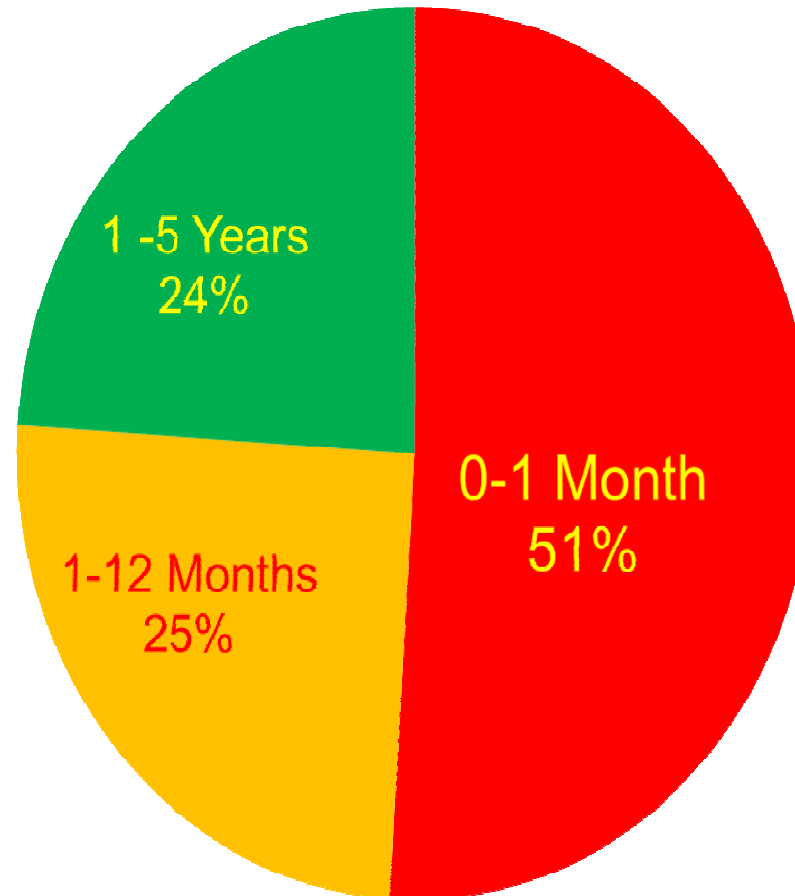


When do these children die

Rajasthan Key facts



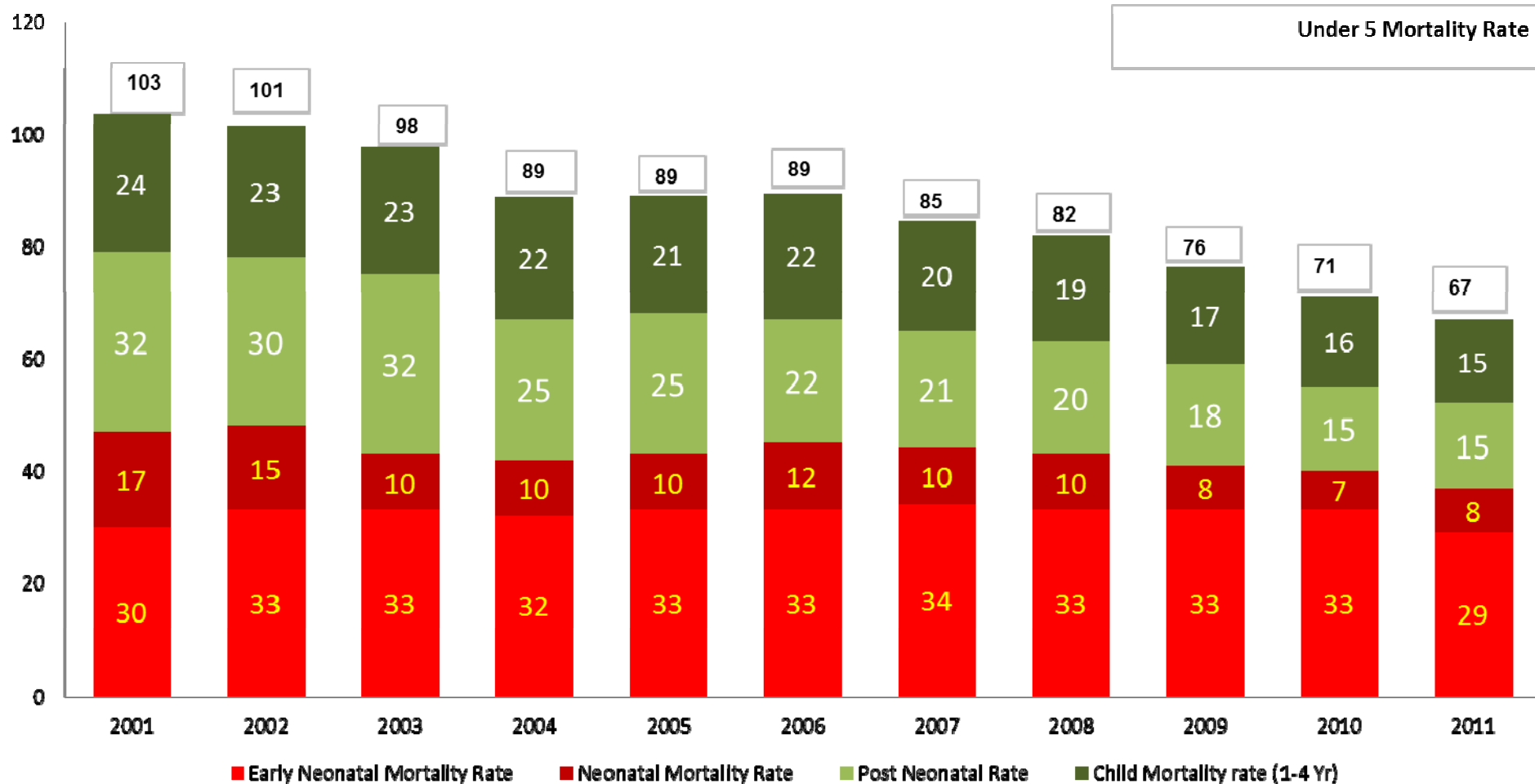
75% of
Newborn
Deaths –
1st Week



AHS 2010-11

More than half of Under 5 Deaths take place in First Month

0-5 Years : Under 5 Mortality Trends



SRS 2001-11

SIHFW: an ISO 9001: 2008 certified institution

Rajasthan Key Facts : New Born Illnesses and Deaths

Every year in Rajasthan

1. >110,000 Children are not able to celebrate their 5th B day
2. > 85,000 Children are not able to celebrate their First B Day
3. > 64,000 Die within first month of life

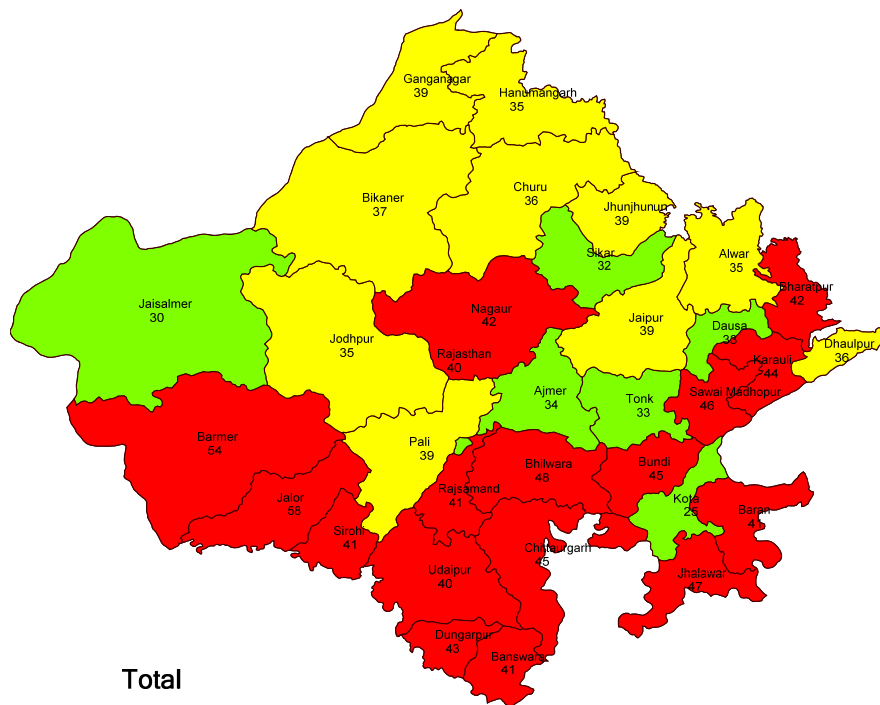
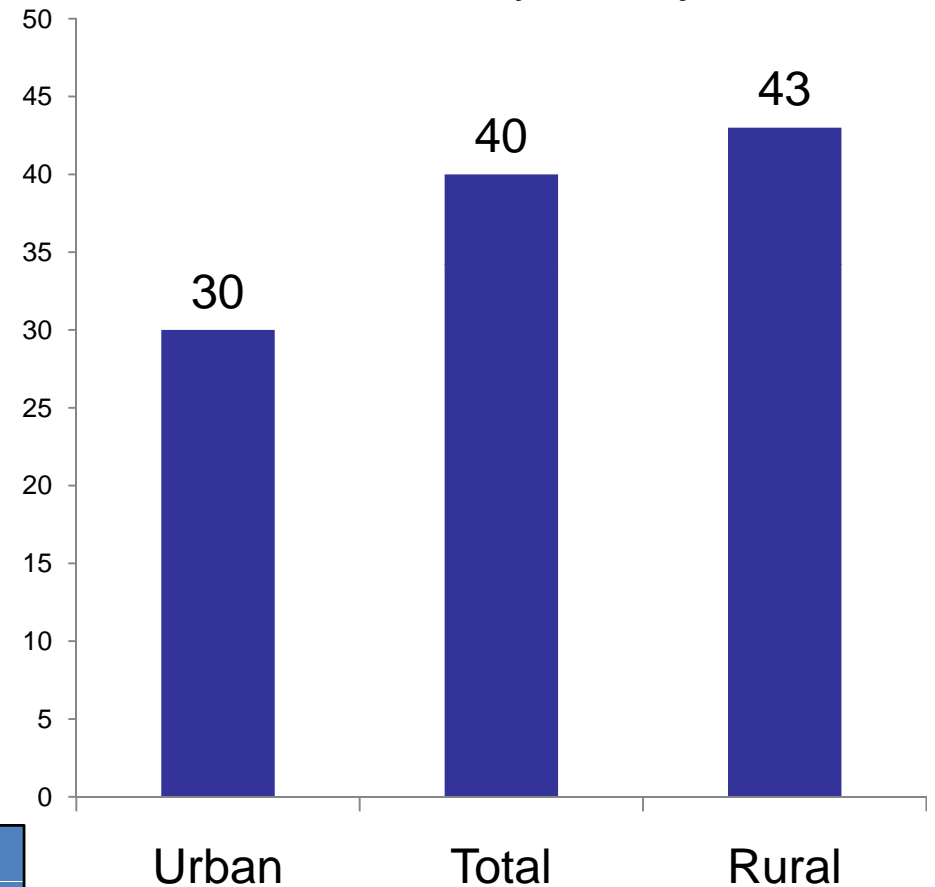


Where do these children die

0-5 Year- Neonatal Mortality



Neo-natal Mortality Rate - Rajasthan



Total
 25 - 34
 35 - 39
 40 - 58
 Missing Value

AHS 2010-11

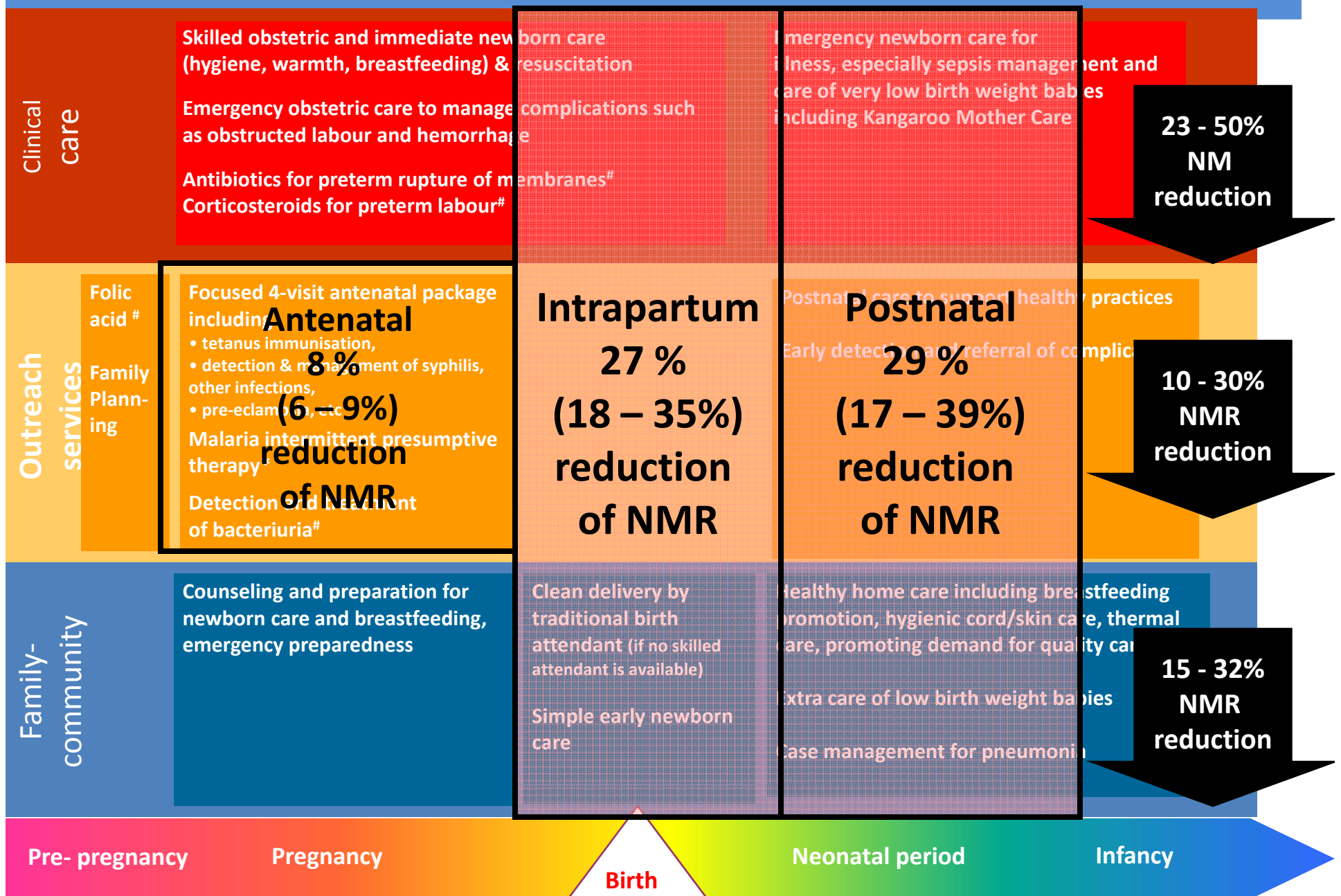
Neonatal Mortality- Highest in Southern and Western Rajasthan

SIHFW: an ISO 9001: 2008 certified institution



What can be done ? What is the package of interventions

Integrated packages -reduction newborn deaths



For health systems with higher coverage and capacity



Key Areas of the Package

Service provision

- Antenatal care (>28 weeks)
- Skilled care at birth
- Postnatal care
- Identifying illnesses and appropriate care
- Functional referral linkage

Behavior change management

- Community involvement and partnership
- Community mobilization
- Behavior change communication
- At home, community and health facility levels

Harmonizing services with demand generation

Continuous quality assurance with equity

Implementation & operational research

Key components of the package



- **Community/ Home level care** for the pregnant women and newborns
 - Antenatal care (after 28 weeks of pregnancy) and risk identification
 - Birth planning for pregnant women including
 - Preparation for emergency home delivery and assistance by SBA.
 - Postnatal care at home and identifying illnesses and appropriate care
 - Functional referral linkage and care during referral
- **Facility level care** for pregnant women and newborns
 - Skilled care at birth and care during immediate post-delivery period
 - Standardized care at health facility
 - Inter-facility functional referral linkage and care during referral
- **Behavior change management** –At every level
 - Behavior change communication , community mobilization and partnership
- **Quality assurance and ensuring equity**

Issues Rajasthan



- Despite increase in the Institutional deliveries early neonatal mortality is constant Why ???
 - Quality of services provided through the health facilities
 - Quality of counseling of care during ANC particularly last trimester.
- Quality of services provided through FBNC
- Quality of Home Based Newborn Care



CALL TO ACTION
CHILD SURVIVAL and DEVELOPMENT

FOR EVERY CHILD IN INDIA

CALL TO ACTION

CALL To ACTION : Academia



- Set high standards of practices in their institutions
- Follow up of standards protocols of treatment
- Build capacity of field level functionaries
- Mentoring visits to the neighboring centers
- Ensure quality of Newborn care in labour rooms

CALL To ACTION : Private



- Set high standards of practices in their institutions
- Come forward to support Govt initiatives
- Capacity building of services providers
- Mentoring visits to the nearest districts
- Innovations to improve Home and facility based care

CALL To ACTION : Government



- Ensure availability of skilled HR
- Performance linked incentives
- Provide standards protocols to all health facilities
- Set up quality assurance mechanism for facility based care involving academia and private partners
- Innovations for improving home and outreach based care
- Ensure effective referral transport



Thank You
For more details log on to
[www. sihfwrajasthan.com](http://www.sihfwrajasthan.com)
or
contact : Director-SIHFW on
sihfwraj@yahoo.co.in