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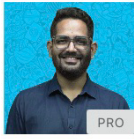


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Safe Motherhood & Health Response Systems

★ 4.5 | 84 Min | NEW

[nehasingh-stay@arrrrr.com](#)

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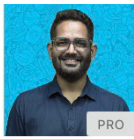


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★ 4.6 | 44 Min | NEW

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★ 4.6 | 61 Min | NEW

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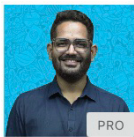


Caesarean Section: Basics to Recent Updates

★ 4.5 | 95 Min | NEW

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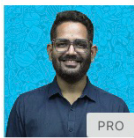


Caesarean Section : Surgical Techniques I

★ 4.6 | 75 Min | NEW

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Caesarean Section : Surgical Techniques II

★ 4.7 | 83 Min | NEW

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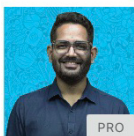
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SAFE MOTHERHOOD & HEALTH RESPONSE SYSTEMS

Social obstetrics :

Study of the influence of the following factors on maternal health :

1. Social.
2. Economic.
3. Environment.
- A woman's living conditions and social environment influence her pregnancy.
- Maternal health is shaped by systems, society and the life course, not just pregnancy.

Pillars of social obstetrics :

1. Programs.
2. Parameters.
3. Prevention across life-cycle.
4. Pathogens.
5. Population control.

SMPP approach : System → measurement → Prevention → Population.

Safe motherhood

00:05:02

Safe motherhood initiative :

- Ensuring : Care is given + received in motherhood.
- Aim : Prevent maternal death & complications .
- Objectives :
 - i. Reduce mMR.
 - ii. Ensure safe pregnancy & delivery.
 - iii. Promote healthier mother.
 - iv. Promote healthier newborns.

Why women die :

Increase in maternal mortality could be translated to delays in care, explained by the "Three delays model" :

1. Delay in decision to seek care.
2. Delay in reaching facility.
3. Delay in receiving care.

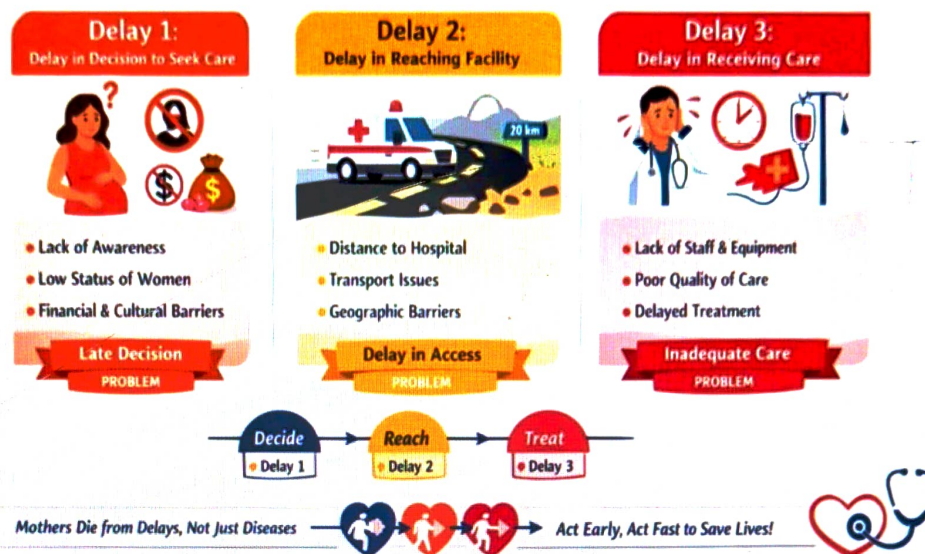


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The Three Delays Model:

Why Mothers Die

Understanding Barriers to Safe Motherhood



Components of safe motherhood initiative :

- Antenatal Care (ANC) : Early registration, ≥4 visits.
- Skilled Birth Attendance (SBA) : Institutional delivery.
- Emergency Obstetric Care (EmOC).
- Postnatal Care (PNC) : First 48 hours critical.
- Referral systems & transport.

Recommended antenatal visits :

Authority	Minimum recommended visits	Typical schedule
WHO	8 contacts	1st trimester < 12 weeks 12, 26, 30, 34, 36, 38, 40 weeks
Govt. of India	minimum 4 visits	≤ 12 weeks, 14-26 weeks, 28-34 weeks, ≥36 weeks
FOGSI	≥4 visits (Flexible)	Same as GOI but encourages more visits
RCOG/ NICE	7-10 visits	Primigravida : ~10 Multigravida : ~7
ACOG	12-14 visits (Traditional model)	Every 4 weeks (Till 28 weeks) Every 2 weeks (28-36 weeks) Weekly (≥36 weeks)

• Trimesters :

- 1st : 12 weeks.
- 2nd : 13 to 28 weeks.
- 3rd : 29 to 40 weeks.

- Registered is not the same as "booked".
- Early (Before 12 weeks) registration is encouraged to diagnose high risk pregnancies and start intervention (E.g., Aspirin for preeclampsia/ FGR).
- Anomaly scan can be done before 20 weeks.

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Essential obstetric care :

Component	Functions
ANC – Antenatal Care	Early registration, Risk screening, Supplements, Immunization
SBA – Skilled Birth Attendance	Delivery conducted by trained personnel (doctor/nurse/midwife)
CSDP – Clean and Safe Delivery Practices	Asepsis, Infection prevention
PNC – Postnatal Care	First 48 hours critical for mother & baby
Identification & Referral – Complications	Early detection of danger signs (Mother & Baby)
Health Education & Counselling	Nutrition, Breastfeeding, Family planning

Emergency obstetric care :

Basic emergency obstetric care (BEmOC) :

- To manage common obstetric emergencies.
 - Parenteral antibiotics.
 - Parenteral oxytocic (e.g., oxytocin for PPH) : For AMTSL.
 - Parenteral anticonvulsants (MgSO₄ for eclampsia).
 - manual removal of placenta (MRP) : Availability of Anaesthetist.
 - Removal of retained products (SE/ mVA) : OT and anaesthetist.
 - Assisted vaginal delivery (forceps/vacuum) : Trained personnel.
 - Neonatal resuscitation : Paediatrician.

Comprehensive emergency obstetric care (CEmOC) :

- To manage severe/ life threatening cases.
- Additionally to BEmOC :
 - Cesarean section (C-section) : Well-trained specialist.
 - Blood transfusion round the clock availability.

LaQshya

00:20:30

Labour room quality improvement initiative :

- Launched by ministry of Health & Family Welfare (moHFW) in December 2017, under National Health mission (NHM/ NRHM) program.
- **RMNCAH+N** : Reproductive, maternal, Neonatal, Child, Adolescent Health + Nutrition for all.
- To improve **quality of care** in the labour room and maternal OT.
- Problem :
 - maternal death did not improve despite increase in number of institutional deliveries.
 - This was due to lack of improvement in delivery services.
 - Large proportion of fatalities surrounded childbirth.
- Aim : Safe, respectful, evidence based, zero-defect maternity and newborn care.

Emphasis :

- Quality intrapartum care.
- Immediate postpartum care.
- Emergency obstetric and newborn management.
- Respectful maternity care.
- Standardization :
 - i. mentoring.
 - ii. Assessment.
 - iii. Certification.
 - iv. Continuous quality improvement.

Problems with older labour rooms :

- Overcrowded wards.
- No privacy for mothers.
- Poor layout and infrastructure of hospital.
- Deficient documentation.
- Weak infection control.
- Poor triage system.

Objectives :

- Reduce maternal and newborn morbidity and mortality.
- Improve quality of care.
- Improve women's experience of care.

Target beneficiaries :

- Expectant mothers.
- Their newborns
- Every high-risk ANC.

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Focus areas :

Facilities covered	Focus areas
• Government medical colleges • District hospitals/ equivalents facilities • Designated FRUs • High case-load CHC/ PHC	• Labour room • Maternity OT • RSU : Referral support/ stabilisation unit • HDU/ Obstetric ICU • Newborn corner

Core principles :

- Quality of care.
- Respectful maternity care.
- Zero-defect care.
- Continuous quality improvement.
- Team approach.
- Outcome orientation.

Do's and don'ts of LaQshya initiative in the labour room :

Do's :

- Provide privacy & dignity to pregnant women during labour and delivery.
- Allow a birth companion throughout the labour and delivery process.
- Support choice of mother to choose their preferred position for giving birth.
- Allow delayed cord clamping as per clinical guidelines.
- Provide skin-to-skin contact between the mother and the newborn immediately after birth.
- Initiate breastfeeding within the first hour of birth.
- Adhere to clinical protocols, checklists, and partographs to monitor labour.
- Triage women for complications immediately upon arrival.

Don'ts :

- No unnecessary interventions like induction without sound clinical indications.
- Do not verbally or physically abuse, humiliate, or mistreat a woman in labour.
- No immediate cord clamping.
- Do not force the woman deliver in a specific position if she is uncomfortable.
- Do not routinely separate the healthy newborn from the mother.
- Do not make the woman incur out-of-pocket costs for essential services provided under this public health initiative.

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Strategies :

multi-pronged strategy : **Intersectoral** coordination.

Infrastructure strengthening :

- Reorganise workspace.
- Create distinction.
- Proper linkage.

Human resources strengthening :

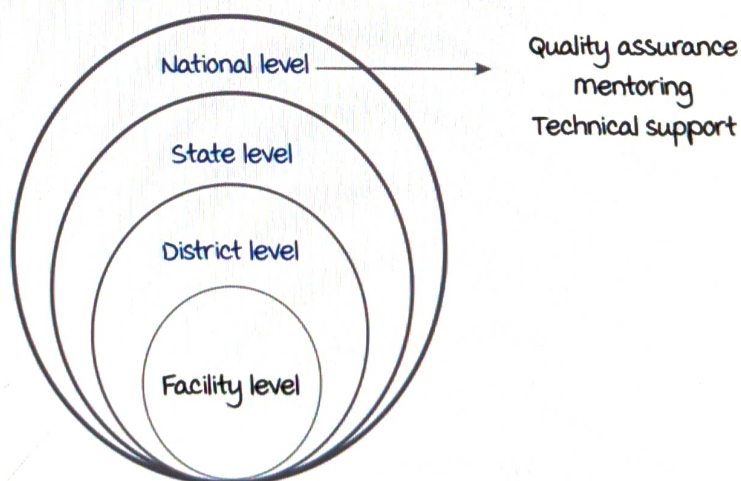
- Improve staffing and manpower.
- Employment retention.

Capacity building :

- Establish protocols.
- Provide trainings.
- Regular assessments.
- Dakshata.

Quality management :

- Respectful maternity care (RMC).
- Process improvement.
- Gap analysis.

Institutional framework :**Quality assurance :**

- Quality circles : Functional implementing units.
- Change management :
 - **PDCA cycles** : Plan → Do → Check → Act.
 - Campaign based raid improvement cycles.

- 12 months : 6 cycles of 2 months each.
- Two phases : Roll out phase & Consolidation/ sustenance phase.

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Standard assessment forms :

- Practices are sustained by regular assessment.
- Objective **checklists** are used : 2 forms for LR and OT.
- Based on **NQAS** (National Quality Assurance Services).

Checklists cover 8 concern areas :

1. Service provision : Availability and functioning of providers, units, services.
2. Patient rights : Right to information, informed consent, respectful care.
3. Inputs : manpower, drugs, consumables.
4. Support services : Birth attendants, lactation counsellors, RMC etc.
5. Clinical care/ Clinical services : Emergencies, OTs, night-time services etc.
6. Infection control : Hand-washing practices to biomedical waste disposal.
7. Quality management : Overall birthing experience elevation.
8. Outcome measures.

NQAS Checklist for labour room :

- **Internal assessment** → (12 months/ 6 cycles) → External assessment.
- 3 level **external assessment** : District → State → National.
- After national assessment → **LaQshya certified**.

Name of the Hospital	Sadar Hospital Chatra	Date of Assessment	9/28/2021
Name of Assessor	MD MURSHID	Names of Assesseees	
Type of Assessment (Internal/Peer/External)	INTERNAL	Action plan submission date	

Sr. No	Area of Concern wise Score		Labour Room Score
A	Service Provision	95%	87%
B	Patient Rights	90%	
C	Inputs	87%	
D	Support Services	89%	
E	Clinical Services	93%	
F	Infection Control	81%	
G	Quality Management	73%	
H	Outcome	83%	

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Gap-bridging exercise :

Section	Details
Major Gaps Observed	1. LR shifting
	2. Development of Triage Room
	3. Unavailability of Paediatrics, Anaesthetics, Gynaecology
	4. Training of All Staff regarding LAQSHAY
Strength / Good Practices	1. All Staff are co-operative and eager to learn
	2. Positive attitude of all Staff including MO
	3. Limited resources facility providing
Recommendations / Opportunities for Improvement	1.
	2.
	3.
	4.
Signature of Assessor	
Date	

Certifications :

- Assessment and certification are done using NQAS-based labour room and maternity OT checklists.
- External certification is done by empanelled assessors.
- Certification is valid for 3 years, subject to annual verification by SQAC.

A facility must achieve **at least 70%** for certification : For both LR & maternal OT.

Incentives :

- State-level assessment score may lead to :
 - Platinum badge : >90%.
 - Gold badge : >80%.
 - Silver badge : >70%.
- Incentives are **facility based + performance based** :
 - medical colleges : Rs. 3 Lakh.
 - District hospitals : Rs. 2 Lakh.
 - SDH/ CHC (High load) : Rs. 1 Lakh.

Advantages :

- Focuses on **most vulnerable** window : Labour & immediate postpartum period.
- Integrates maternal and newborn care.
- Balances clinical excellence + patient experience.
- Promotes respectful maternity care.
- Standardizes labour room practices across public institutions.
- Encourages documentation, audit, and data-driven improvement.
- Strengthens infection control.

Disadvantages :

- Human resources : manpower shortage, frequent staff rotation.
- Infrastructure constraints : Limitations on old labour rooms.
- Clinical practice gaps : Inconsistent adherence to protocols.
- Documentation issues.
- Behavioural issues : Resistance to change.
- Logistics and supply : Weak supply chain.
- Training and mentorship : Inadequate mentoring and follow-up.
- System-level variability : In implementation across states/ facilities.
- Sustainability issues after initial enthusiasm.

Respectful maternity care

00:49:20

Care during pregnancy, labour, postpartum ensuring :

- Dignity.
- Privacy.
- Confidentiality.
- Informed choice.
- Freedom from abuse/ discrimination.

Promoted by World Health Organization & forms core component of LaQshya.

Need for RMC :

- High institutional deliveries ≠ good experience.
- There have been reports of abuse, neglect, non-consented care.

Core principles :

Components :

- | | |
|------------------------------|--------------------------|
| • Dignity & respect . | • Emotional support. |
| • Privacy & confidentiality. | • Birth companion. |
| • Informed consent. | • Right to quality care. |
| • Non-discrimination. | |

Examples/ arenas :

- | | |
|------------------------------------|--|
| • Preferred birthing position. | • Early breastfeeding. |
| • Birth companion allowed. | • No unnecessary mother-baby separation. |
| • Avoid unnecessary interventions. | |
| • Skin-to-skin contact. | |

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Violations :

- Verbal/ physical abuse.
- Non-consented procedures.
- Lack of privacy.
- Detention for non-payment.
- Neglect.

Updates in RMC :

- Integration into LCG (Labour Care Guide); Next-Gen partograph.
- Components :
 - Labour companionship.
 - Oral fluids.
 - Pain relief.
 - Comfortable birthing positions.
- Integrated training : Dakshata/ RMC/ LaQshya.
- Principle : Behavioural change communication.

Alternate birthing positions

00:55:52

Positions other than conventional lithotomy/ supine position during birthing.

- Pelvis consists of inlet, outlet and mid-cavity.
 - Squatting : Inlet opens.
 - Knees completely flexed + hips rotated/ firmly stand : Outlet opens.
 - Bending/ stretching : mid-cavity opens.
- One position for all women is obsolete.
- Alternating birthing positions are physiologic.
- Promotes women-centric approach.

Types :**Upright positions :**

- | | |
|--------------|---------------------------|
| • Squatting. | • Walking : Birth stools. |
| • Standing. | • Kneeling. |
| • Sitting. | • All fours. |

Non-upright, non-supine positions :

- Lateral.
- Semi-recumbent.

Pain Control during Early Labor

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Rocking



Squatting with partner



Squatting



Leaning forward



Kneeling with birthing ball



On hands and knees

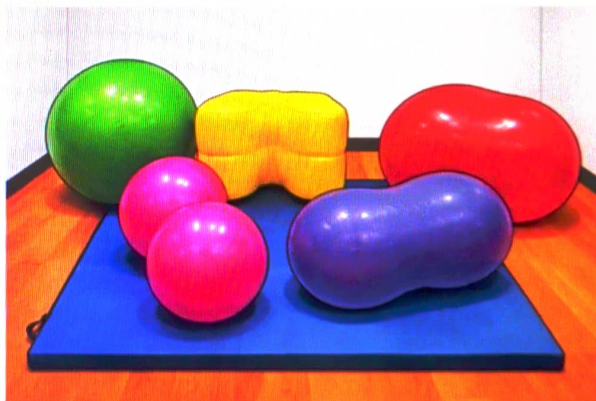


Semi-sitting with partner



Lying on your side

Birth exercises :



Birth exercises and specialised devices

- Trained obstetric physiotherapists to teach exercises, control and breathing.
- Specialised equipment to help the mother through birth.

Advantages of alternate positions :

- uses gravity → Improves fetal descent.
- ↑ Pelvic diameters (Especially squatting).
- ↓ Duration of labour (Especially second stage).
- ↓ Need for : Instrumental delivery/ episiotomy.
- ↓ Aortocaval compression → Better uteroplacental perfusion.
- ↑ maternal comfort and satisfaction.
- ↑ Sense of control (Important for RMC).

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Disadvantages of alternate positions :

- Difficult for :
 - Continuous CTG monitoring.
 - Operative vaginal delivery.
- May require :
 - Trained staff.
 - Infrastructure (birth stool, mats).
- Risk of :
 - Rapid delivery (Perineal tears if uncontrolled) : Require rigorous monitoring.

Indications :

- Low-risk labour.
- Desire for physiological birth.
- Back pain relief (hands-and-knees).
- Delayed descent in supine.

Contraindications :

- High-risk pregnancy.
- Need for continuous monitoring/ intervention.
- Epidural analgesia (Limited mobility).
- Fetal distress requiring immediate intervention.

Birthing companion/ attendant

01:02:46

A person chosen by the woman to provide continuous physical, emotional, and psychological support during labour.

Types :

- Husband/ partner.
- Mother/ relative.
- Trained doula.
- Friend.

Role of birth companion :

- Emotional support.
- Physical support.
- Advocacy.
- Better care.

Benefits :

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- ↓ Duration of labour.
- ↓ Need for : Analgesia/ Operative delivery.
- C-section.
- ↓ maternal anxiety.
- ↑ maternal satisfaction.
- ↑ Breastfeeding success.

Challenges :

- Privacy ensured : Curtains or screens.
- Infection control adherence.
- Orientation of companion.
- Consent from woman.
- Resistance from staff.

Other programs

01:04:55

Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA) :

- Launched in June 2016 by the MoHFW.
- Assured, comprehensive, and **quality Antenatal Care (ANC)**.
- Beneficiaries : All pregnant women across India.
- Special focus on the 2nd and 3rd trimesters.

Objectives :

- Early identification (**Risk tagging**) & management of high-risk pregnancies.
- Reduce mMR, stillbirths & neonatal mortality.
- Ensure at least one specialist ANC in 2nd/ 3rd trimester.

Strategy (1 Pledge 9) :

- Fixed day approach on the 9th of every month.
- Public + private sector obstetrician participation (voluntary).
- Package approach.
- Risk stratification + tagging.

Services :

Full ANC check-up	Investigations
• Weight & Blood Pressure • Pallor assessment • Abdominal examination	• Haemoglobin (Hb) • Urine albumin & sugar • Blood grouping, HIV, VDRL
• Additional Services • Ultrasound (where available) • Line listing of HRP • Counselling: diet, danger signs, birth preparedness	

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Note :

- **Samrakshan initiative** by Indian Radiologist Association : mandated biometric anomaly Doppler scan done on the 9th of every month.

Risk stratification :

Red sticker (High risk) :

- Severe anaemia (<7 g/dl).
- PIH/ Preeclampsia.
- Gestational Diabetes mellitus (GDM).
- Previous LSCS.
- APH, multiple pregnancy, malpresentation.

Green sticker (Normal) :

- No identified risk factors.
- Routine ANC follow-up advised.

monitoring & reporting :

- Data entered on the PMSMA portal (RCH portal).
- High-risk pregnancies tracked till delivery.
- Strengthens continuum of care.
- Improves referral linkage & institutional delivery planning.

Janani Suraksha Yojana (JSY) :

JSY is a **demand-side financing scheme** launched in 2005 under the National Health Mission.

- To promote institutional deliveries among poor and vulnerable pregnant women via incentives :

Incentives :

- Centre to state.
- National Health mission.
- Direct transfer to beneficiary.
- Facilitated by ASHA worker.

Components :

- Cash assistance to mother.
- Performance-based incentive to ASHA.
- Strengthening health system capacity.
- Linkage with 24x7 PHCs & FRUs.

Role of ASHA worker :

----- Active space -----

- Early registration of pregnancy.
- Ensure ≥ 3 ANC visits. (No incentive is pGA beyond 24/28 weeks).
- Counselling for institutional delivery.
- Escort mother to facility.
- Postnatal follow-up.

Categorization :

Low performance states (LPS) :

- UP, Bihar, MP, Rajasthan, Jharkhand, Odisha, Uttarakhand, Jammu & Kashmir, Himachal Pradesh, Assam.
- Beneficiaries : All pregnant women.

High performance states (HPS) :

- Tamil Nadu, Kerala, and other states with historically high institutional delivery rates.
- Beneficiaries : Only BPL/ SC/ ST women.

Cash incentives :

- High performance state : ASHA gets mainly Rs. 600 for escorting the mother.
- It was paid in 2 installments : One after ANC visit, and after delivery is documented.

For the mother			For ASHA worker (LPS)	
Area	LPS	HPS	Component	Amount
Rural	Rs. 1400	Rs. 700	ANC + Delivery facilitation	Rs. 600
Urban	Rs. 1000	Rs. 600	Postnatal visit	Rs. 200
			Total per case	Rs. 800

Janani Sishu Suraksha Karyakram (JSSK) :

Supply-side financing scheme ensuring zero out-of-pocket expenditure (OOPE).

- Launched in 2011 by MoHFW.
- Pregnant women delivering in public institutions and for sick newborns up to 30 days of age (Currently extended upto 1 year).

Entitlements for pregnant women :

- Free and cashless delivery including CS.
- Free drugs and consumables.
- Free diagnostics (All required investigations at the facility).
- Free diet (3 days for normal delivery; 7 days for LSCS).



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- Free blood transfusion.
- Free transport (Home to facility, inter-facility, back home).
- Exemption from user charges at all public facilities.

Entitlements for sick newborn :

- Free treatment.
- Free drugs & diagnostics.
- Free blood.
- Free transport.

"Zero expense delivery and neonatal care".

SUMAN : Surakshit Matritva Aashwasan Yojana

Rights-based initiative ensuring quality and Respectful maternity Care launched in 2019 by GOI.

Objectives :

- Zero preventable maternal & neonatal deaths.
- Ensure Respectful maternity Care (RMC).

Key principles :

- Zero tolerance for denial of services.
- Care must be **free, dignified & timely.**

Service guarantee covers :

- Antenatal Care (ANC).
- Institutional delivery.
- Postnatal care (PNC) up to 6 months.
- Sick newborn care.

Entitlements and accountability :

- **Respectful care** : No abuse or discrimination; privacy and confidentiality guaranteed for every woman.
- **Birth companion** : Women are entitled to have a birth companion of their choice during labour and delivery.
- **24x7 services** : Round-the-clock availability of maternity and newborn care services at public facilities.
- **Grievance redressal** : Formal mechanism for feedback; facility-based monitoring and quality certification.