

REPORT OF VISIT TO DH, RAIPUR &
DURG, CHATTISGARH FOR PROVISION
OF TECHNICAL SUPPORT FOR DH
STRENGTHENING & DISTRICT
HEALTH ACTION PLAN AS PER IPHS
13-08-2019 TO 14-08-2019



REPORT OF VISIT TO DH, RAIPUR & DURG, CHHATTISGARH FOR PROVISION OF TECHNICAL SUPPORT ON DH STRENGTHENING & DISTRICT HEALTH ACTION PLAN AS PER IPHS
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A two-day visit on DH Strengthening & developing District Health Action Plan (DHAP) as per MHD & IPHS was conducted by a team of experts from National Health Systems Resource Center, MOHFW, GOI from 13th to 14th August 2019 in Chhattisgarh.

The team visited DH Durg and DH Raipur On 13th August and 14th August respectively, to orient the Civil Surgeon, District and Hospital Consultants and Architects regarding the layout/plan for MCH wings, LDRs, Obstetric HDU, CSSD, Mechanized Laundry and Emergency in the district hospital and to support them in developing a comprehensive DHAP.

On 13th August, the team also met Durg's District Magistrate, Mr. Ankit Anand, wherein important discussions were held regarding the need to strengthen DH, Durg- to start DNB courses, make it a Knowledge Hub and achieve NQAS and Laqshya certification for the same.

Key action points of the visit is placed below:

Meeting with Mr. Ankit Anand, DM, Durg & Visit to DH, Durg on 13th August

- Development of proposal for initiation of multi-disciplinary DNB courses at DH, Durg and making it a knowledge hub for training of nursing and paramedical students.
- Need to expedite NQAS & LaQshya certification of DH, Durg.
- The existing trauma center will be developed as a comprehensive unit for handling Medical, Surgical & Trauma cases.
- At DH, Durg, suggestions were given to incorporate LDRs, Obstetric HDUs into the current MCH wing as per IPHS. A report in this regard has been submitted to the District.
- NHSRC is supporting the district in developing these proposals.
- DM will undertake regular review of the progress made on the implementation of the proposals.

Meeting with CMO, Raipur & Visit to MCH Wing, Kalibari, Raipur on 14th August

- Initiation of DNB courses in OBGY and Pediatrics was discussed
- LDRs, Maternal Triage and Obstetric HDU to be built in the current MCH wing
- Need of an integrated District Public Health Laboratory at the DH and submission of proposal for it in the PIP was discussed.
- Revamping of the current OT complex into Modern OT along with installation of an Air Handling Unit for proper air exchange and infection control was suggested. State was also suggested to empanel architects for the same.

- Need of an in house fully functional Central Sterile Services Department (CSSD) and Mechanized Laundry was discussed
- Creation of a DEIC which needs to be established as per GOI guidelines was discussed. A team from Raipur can visit Noida to see the model DEIC

Action points for both the districts

- To do a gap analysis of their respective facilities as per IPHS and submit proposals for any requirement in the yearly PIP.
- The practices and protocols as per Model Health District Plan to be adhered to in both the districts.
- The districts should also identify the National Health Programs and their indicators which need improvement. A comprehensive plan to improve these indicators to be developed by respective districts and to be shared within 1 month of the visit.

Detailed Report

Day 1- District Hospital Durg, 13-08-2019

The visit was made in continuation to the earlier visit made in June, 2019. During the visit, meeting with Dr. K.K. Jain, Civil Surgeon, DH Durg was undertaken where he briefed NHSRC team about the issues being faced at the DH. The team then visited various departments of DH and gave suggestions on the gaps identified in the infrastructure and design of the departments. The observations of the team are as follows:

Visit to MCH Wing

The newly constructed MCH wing at DH Durg presently has G+3 structure as follows-

Ground	1 st	2 nd	3rd
Labour Room, Emergency OT, OBGYN OPDs, USG Room.	Pediatric OPD, Immunisation Rooms, 2 Maternity OTs, Air Handling Unit, Sample Collection Room, Skill Lab, Seminar Room and ARSH Clinic	Post natal wards	Non functional

Suggestions made by the NHSRC Team-

- To use existing emergency OT as maternity OT.

- The area adjacent to Emergency Operation Theater to be developed into Obstetric HDU.
- All the rooms and OTs on the first floor to be developed into LDRs. Depending upon the size of the room, 10 LDRs to be made.
- Skill lab to developed as ANC room.
- The seminar room and ARSH Clinic on 1st floor to be converted into Pediatric OPDs.
- PNC wards on 3rd floor to be made functional.
- Rational use of nursing staff to ensure round the clock availability of medical staff.



**Help Desk in the New OPD wing at
DH Durg**



Pediatric OPD in MCH wing

Visit to Trauma Centre (currently non-functional)

To be operationalized as Medical, Surgical and Trauma Emergency Unit.

The newly constructed structure of Trauma unit has G+1 structure as follows:

Ground Floor	First Floor
OPD area, wards, sample collection room, and Minor OT	2 Operation Theatres, Post-operative recovery ward, Doctor's room.

Suggestions made by NHSRC team are-

- A Triage area to be developed at the entrance of the Emergency for easy segregation and treatment of patients.
- Current area demarcated as Observation area to be marked as Yellow Zone, room with 4 beds to be converted to Critical area or Red Zone and the medical officer room to be converted into Green Zone of the Triage Unit.
- The other rooms present to be converted into Plaster Room, Dressing Room, Sample Collection room and Counseling room for Rape victims.
- Installation of Medical Gas Pipeline and Air Handling Unit in the Emergency.
- The OT complex on the first floor can be converted into Comprehensive OT for the upcoming Surgical Unit adjacent to the Emergency.

Day 2: District Hospital, Kalibari, Raipur, 14-08-2019

On the second day, a visit was made to the MCH Wing, District Hospital, Kalibadi, Raipur- an NQAS certified facility with a score of 93%. After reviewing the facility, the following suggestions were given by the NHSRC team:

1. Initiation of DNB courses in OBGY and Pediatrics.
2. Bed Strength of NRC to be increased from existing 10 to 20.
3. An MNCU to be constructed adjacent to SNCU as per GOI guidelines.

Other area specific suggestions are enumerated below:

Labour Room:

1. LDR to be introduced as per the norms.
2. Maternal Triage area to be created near the entrance of the hospital.
3. Hybrid Obstetric HDU to be built on the Ground floor, with an Eclampsia bed.
4. Post natal ward to be removed from the Labour room complex & shifted to first floor
5. Introduction of Electronic Partograph was also suggested for better monitoring.
6. Centralized or window AC system to be installed in the LR for optimum air exchange as per the protocols.

Operation Theatre:

- The existing OT did not have a Disposal zone. A Hatch Box design for disposal zone was suggested.
- The CSSD and Laundry should be in-house and to be shifted to G+2 floor of the existing building, exactly above the OT complex (G+1).

- To install deep sinks in the OT washarea to avoid water spillover. It was also suggested to get the quality of water tested on a regular basis.
- DH should send a proposal for establishing an integrated District Public Health Laboratory facility to the state health department for approval.
- Revamping of the current OT complex into Modern OT along with installation of an Air Handling Unit for proper air exchange and infection control was suggested. State was also suggested to empanel architects for the same.



Operation Theatre Complex at MCH Kalibadi, Raipur