

NATIONAL HEALTH MISSION
MOBILE DENTAL CLINIC PROJECT
MONTHLY REPORT: JULY 2014



"Improving Dental Health through Community Based Services"

MAULANA AZAD INSTITUTE OF DENTAL SCIENCES

2, B.S.Z Marg, MAMC Complex, New Delhi-110002
Email: maidsnrhm@gmail.com Tel: +91-11-23233925

CONTENTS

1. BACKGROUND	3
2. PROGRAM IMPLEMENTATION	3
❖ Mobile Dental Clinic Schedule in North East District	
3. PROGRAM SERVICES & OUTCOMES	5
❖ OPD/ Screening Services	
❖ Disease Burden Estimation	
❖ Treatment Services	
❖ Dispensary-wise Number of Beneficiaries	
❖ Oral Health Education in the Community	
❖ Follow up Appointment Services	
❖ Referral Services	
❖ Comparative Evaluation of the Services Rendered in Quarter (May-July)	
4. MONITORING OF THE PROGRAM	10
❖ Periodic Meetings	
❖ Comparison of Dental Services Offered	
❖ Training Sessions Organised	
- ASHA & ANM Workers	
- NRHM Staff	
❖ Tour Report	
5. APPENDIX	17
❖ Picture Gallery	
❖ Summary	

BACKGROUND

Mobile Dental Units have been envisaged to provide preventive, promotive and curative health care in inaccessible areas, which are underserved or unserved areas under usual circumstances.

The primary goal of the program is to increase the access and utilization of dental care at grass root levels and also create awareness among the community along with establishing Oral health Data to understand the pattern of dental disease and plan the manpower better.

FOCUS AREAS AND APPROACHES:

This Mobile Dental Clinic Project intends to focus and approach various dental health issues in the community by comprising of the following areas which would be complement to achieve the higher goals in the Health Care System:

- Improve Access and Utilization of Dental Health Care
- Continuity of Dental Care
- District Health Systems Strengthening
- Community Involvement
- Health Policy Development, Strategic Planning and Integration of Dental Public Health
- Creation of a rationale referral systems with both Secondary and Tertiary Hospitals within State Health Systems
- Coordination and harmonization of Partnerships with the Community Stake Holders and other Departments like Department of Education, Social Welfare.

PROGRAM IMPLEMENTATION

The Mobile Dental Clinics (MDC) and Information, Education & Communication (IEC) Mobile Dental Vans work in collaboration with Six Delhi Government Dispensaries. The Six have been divided into Two clusters were formed each consisting of One MDC and 2 IEC Vans covering 3 dispensaries on rotational and regular basis:

1. **Cluster 1:** Shiv Vihar, Chauhan Pati and Gokulpuri
2. **Cluster 2:** Arvind Nagar, Khajurikhas and Gautam Puri.

DAILY SCHEDULE

- After the discussion with the higher authorities, the daily time scheduling of vehicles have been revised from **10:00 AM to 2:00 PM** from 10:00AM to 1:00 PM, keeping in lines with the dispensary timings.
- The vehicles are now stationed from 10:00 am to 2:00 pm for five days a week in each of the identified dispensaries on rotational basis.

Mobile Dental Van Schedule for the month of July

			CLUSTER I			CLUSTER II		
TIME	FROM	TILL	MDC - 1	IEC - 3	IEC - 4	MDC - 2	IEC - 5	IEC - 6
10:00 AM – 2:00 PM	30/6/14	4/7/14	Chauhan Pati	Gokulpuri	Shiv Vihar	Gautam Puri	Arvind Nagar	Khajurikhas
	7/7/14	11/7/14	Shiv Vihar	Chauhan Pati	Gokulpuri	Arvind Nagar	Khajurikhas	Gautam Puri
	14/7/14	18/7/14	Gokulpuri	Shiv Vihar	Chauhan Pati	Khajurikhas	Gautam Puri	Arvind Nagar
	21/7/14	25/7/14	Chauhan Pati	Gokulpuri	Shiv Vihar	Gautam Puri	Arvind Nagar	Khajurikhas
	28/7/14	1/8/14	Shiv Vihar	Chauhan Pati	Gokulpuri	Arvind Nagar	Khajurikhas	Gautam Puri

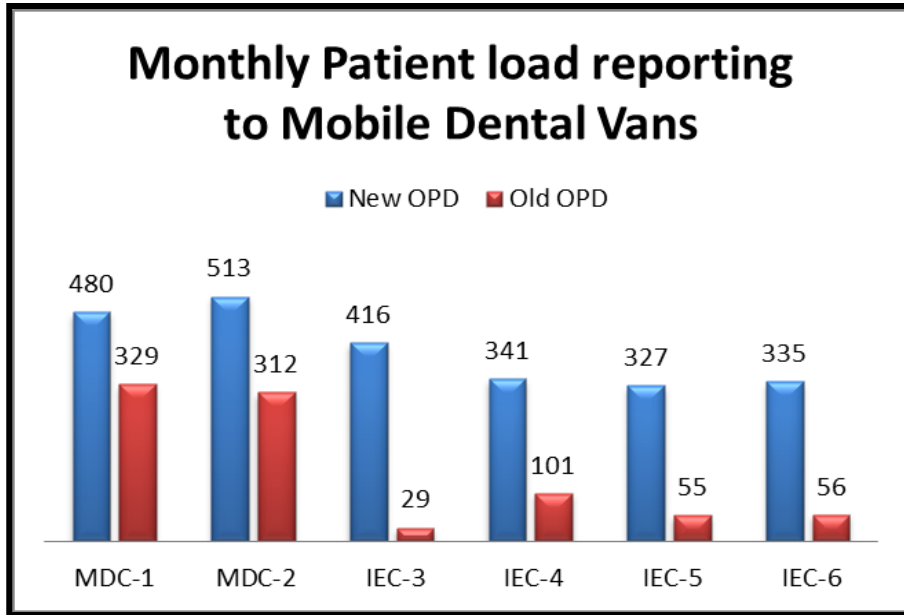
*MDC – Mobile Dental Clinics IEC – Information, Education and Communication Mobile Dental Van

Note: All the Mobile Clinics are stationed at Delhi Government Dispensaries or nearby to them which have been informed to the CMO/ MO of their respective dispensaries.

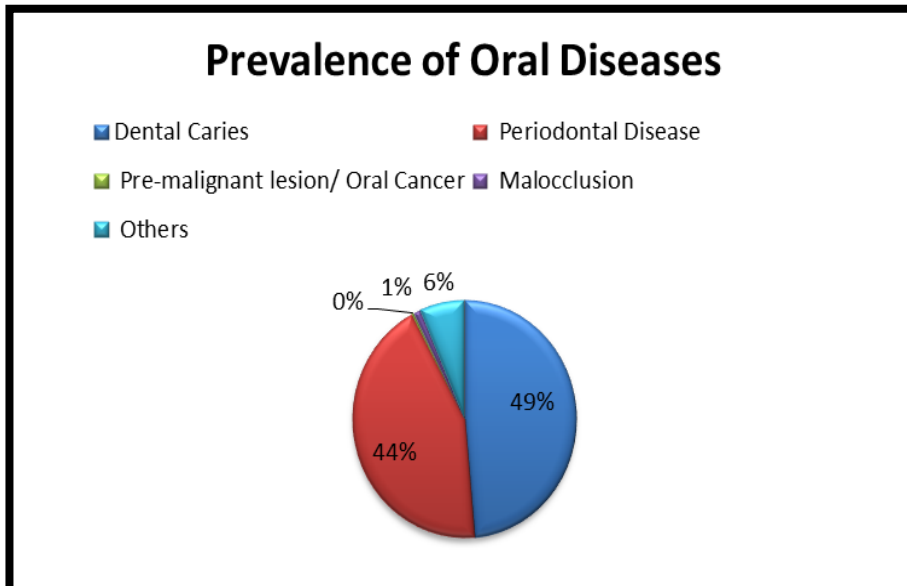
PROGRAM SERVICES & OUTCOMES (As on 25.07.2014)

1) **OPD/ Screening Services:** Total Number of patients screened – 3294

NEW OPD	OLD OPD	TOTAL OPD
2412	882	3294

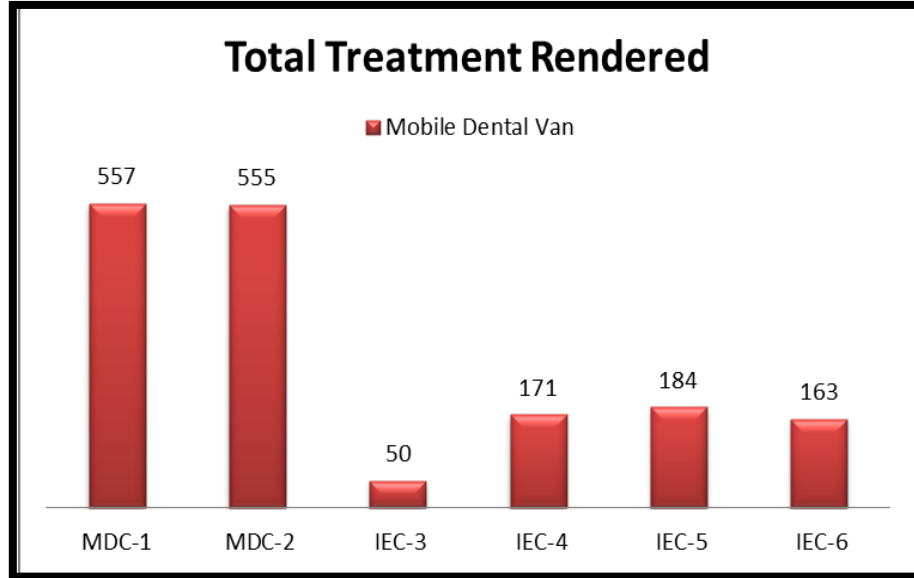


2) **Disease Burden Estimation:**

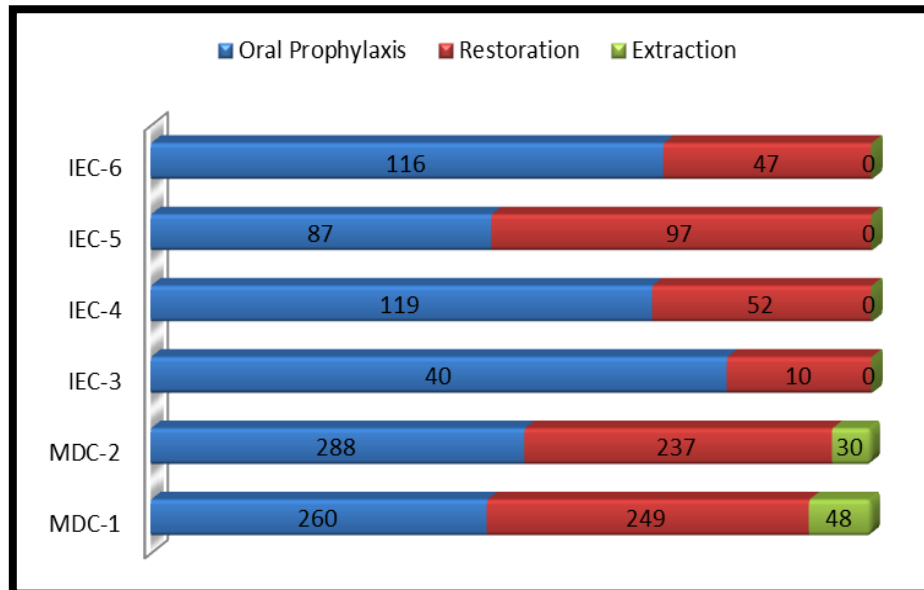


3) Treatment Services:

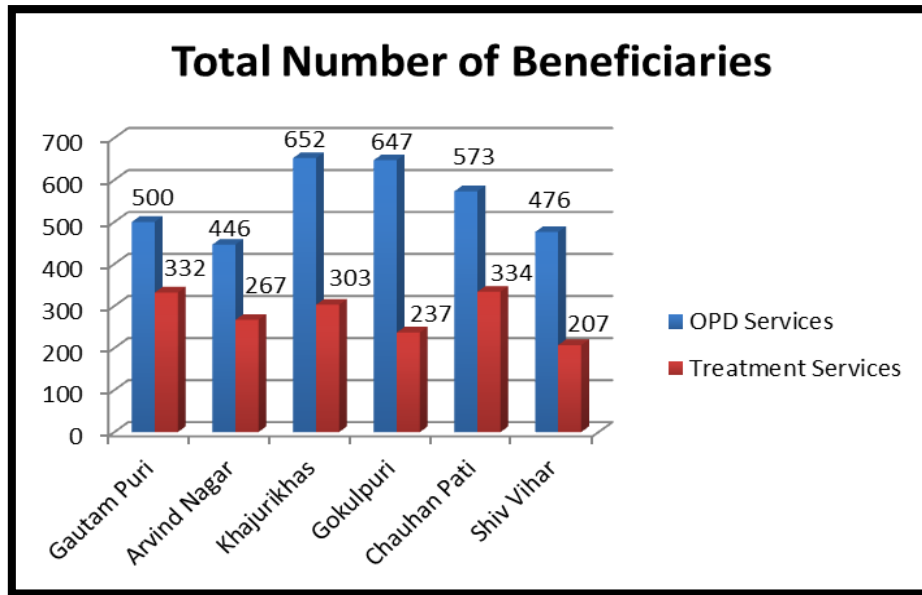
Total Number of patients treated – 1680



4) Break-up of Individual Treatment Services:

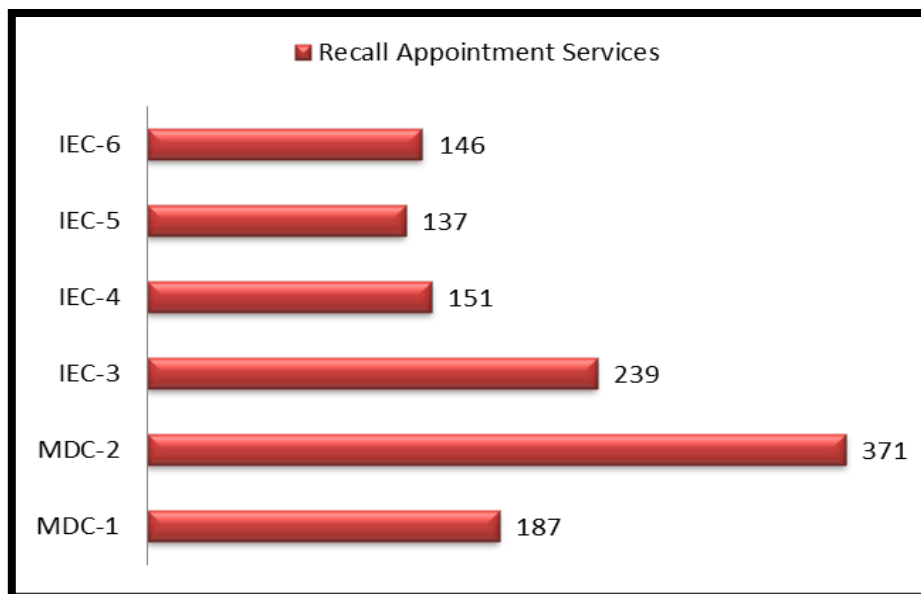


5) **Dispensary-Wise Break Up of the Services:**



6) **Follow-up Appointment Services:**

- Include identifying and enlisting patients by the IEC Mobile Dental Vans after initial dental screening and rendering the possible dental care to Mobile Dental Clinics for the treatment.
- A separate recall appointment/ referral schedule system is developed to cater the patients in Mobile Dental Vans.



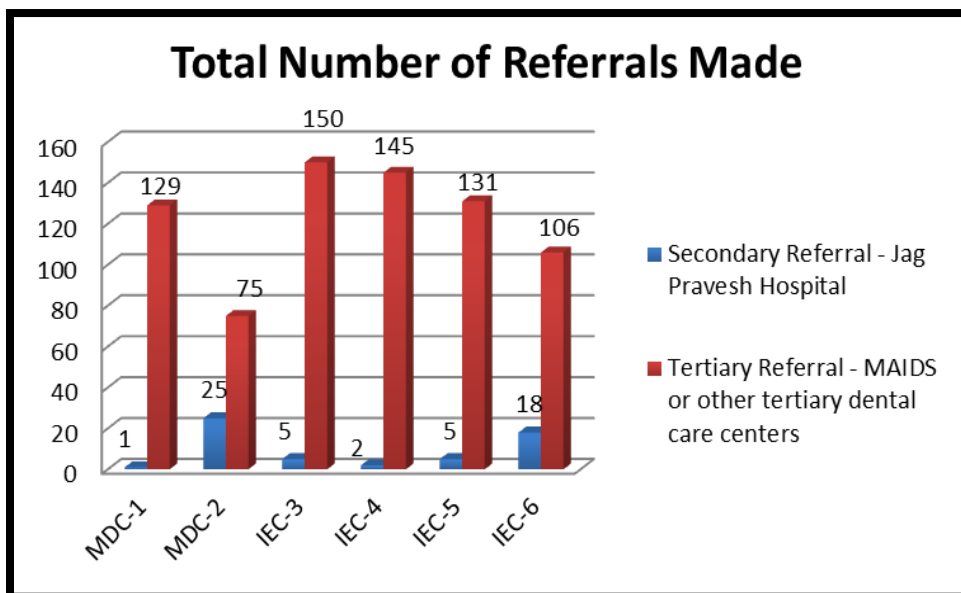
7) **Health Education Services in the Community:**

- Every day the respective Mobile Dental Unit Teams visit the dispensaries according to the schedule and give Health Talk via use of Audio-visual aids to the beneficiaries followed by Oral Health Check-up.
- **Sessions on:** a). *Importance of Oral Health*
b). *Ways to maintain good general and oral health*
c). *Tobacco Cessation*

Total Number of times Health Educational Programs organised – **25 Sessions**

8) **Referral Services:** The Referral System works at two levels:

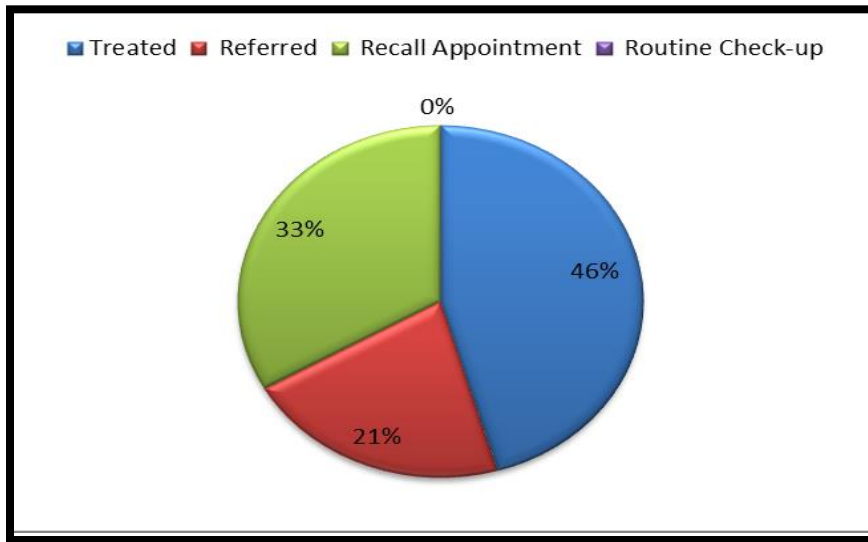
- a. **Secondary Referral:** The patients were also referred to the nearest location based on their convenience where adequate treatment like Jag Pravesh Hospital, Shastri Park or GTB Hospital, Dilshad Garden for providing secondary dental care.
- b. **Tertiary Referral :** In case any Tertiary care if required patient is referred to MAIDS or other Tertiary Care Referral Centre for further treatment like advanced surgical intervention, prosthetic replacement of teeth and Endodontic care.



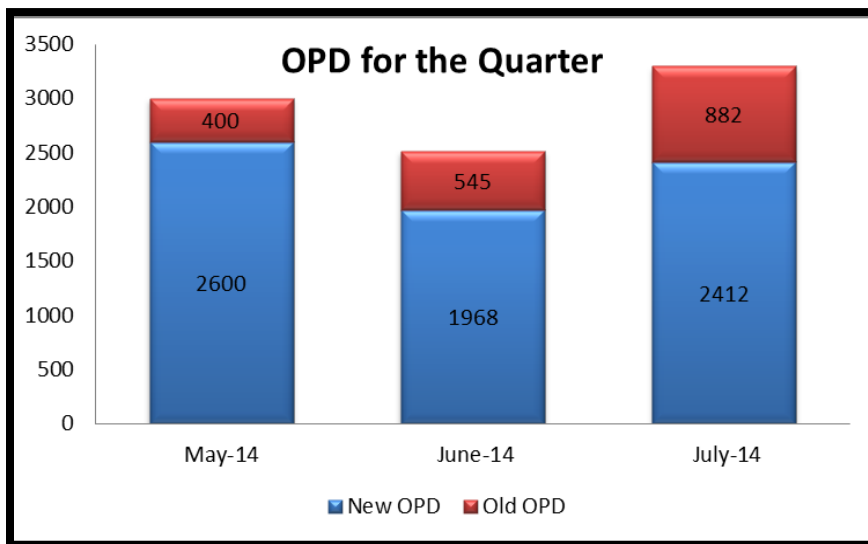
Secondary Referral	Tertiary Referral	Total Referral
57	731	788

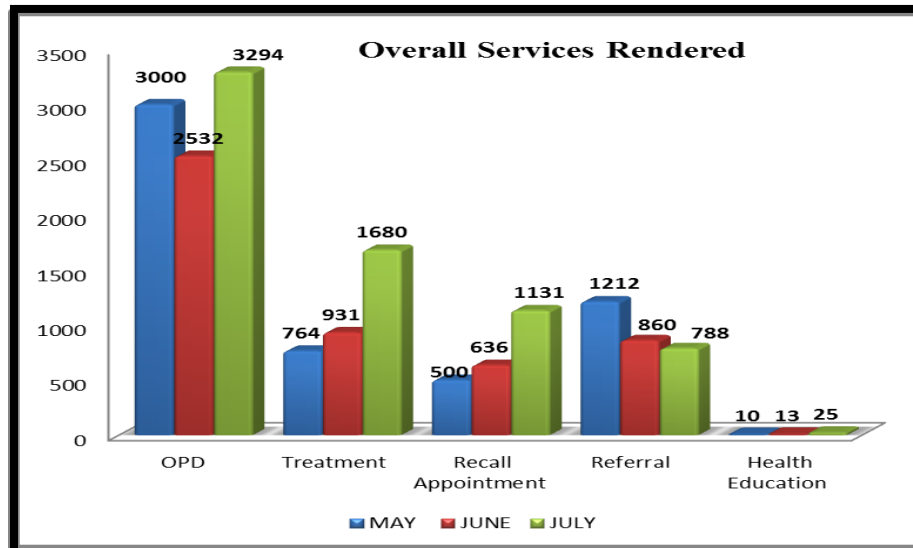
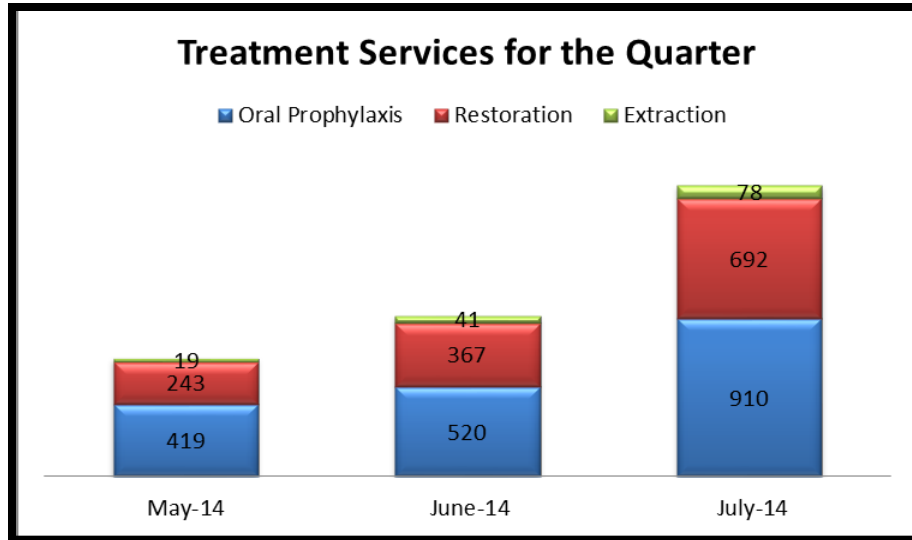
Total Patients who visited MAIDS for Tertiary Services: 32

9) SUMMARY OF PATIENT SERVICES



10) COMPARATIVE FOR THE QUARTER MAY - JULY 2014

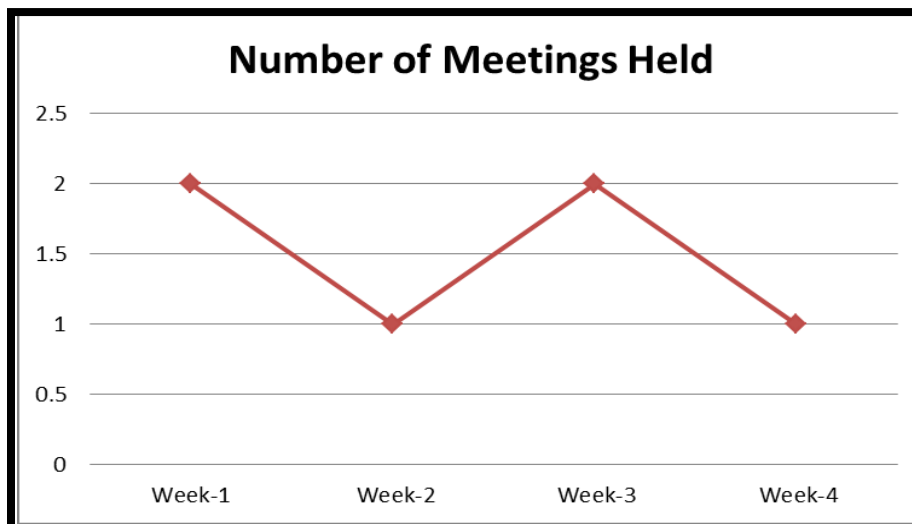




MONITORING OF THE PROGRAM

1) Periodic Meetings held in the month of July for Formative Evaluation of the program

The last day of every week has been designated for Periodic Meeting for Formative Program evaluation, Data entry, Maintenance of the vehicles and Contingency planning for the following month at its Nodal centre, MAIDS, New-Delhi.



2) TRAININGS SESSIONS ORGANISED:

1. Lectures on **Biomedical Waste Management (BMW) and Infection Control Protocol** for Chair-side Assistants, Helpers by Consultant and Dental Surgeon, NRHM on **12th July 2014**.
2. **Evaluation Workshop of Biomedical Waste Management (BMW) and Infection Control** skills for Chair-side Assistants, Helpers by Consultant and Dental Surgeon, NRHM on **19th July 2014**.
3. Orientation on Health Education among Dental Surgeons for “Training of ASHA Workers on Oral Health” held on **19th July 2014**.
4. **ASHA and ANM Training Session** on **21st July 2014** at **Chauhan Pati Dispensary** and on **24th July 2014** at **Gautam Puri Dispensary** organised by Consultant, NRHM.

3) PROPOSED ACTIVITIES:

- To assess the oral health status and burden of disease through a **Standard Proforma**.
- **Training of Community Stake holders** like ASHA & other health workers, Village Heads, Teachers, Local Leaders and Social Workers.
- **Collaboration with School Health Scheme** to create awareness amongst the young minds and render the oral health services to the school children

4) TOUR REPORT:

Visit to Dispensaries along with Mobile Dental Units

- Dr. Aditi Verma, Consultant

Background:

As per the directions from the Institute, I visited the following dispensaries along with the Mobile Dental Units Teams randomly to assess the functioning and the quality of services provided by the outreach staff of Mobile Dental Clinics.

Objectives:

The objectives of the tour were:

1. To observe the routine functioning and monitor the work in Mobile Dental Clinics stationed at scheduled Delhi Government Dispensaries.
2. Identify constraints/ obstacles, if any, in the integration of dental services at the dispensaries.
3. Obtaining feedback from the CMO/MO of the respective dispensaries and outpatient regarding the services provided and suggestions to improve it.
4. Analyze and interpret the gaps and bridge them to improve the overall services.
5. Strengthening the Oral Health Program under NRHM by rendering Health Promotive Training Sessions to community stakeholders like ASHA & ANM's.

Visit Details:

S.No.	DATE	FIELD VISIT	TEAM	VEHICLE
1	4 th July 2014	Khajurikhas	Team No. 6	IEC Mobile Dental Van (DL 1LT-5462)
2	7 th July 2014	Shiv Vihar	Team No. 1	Mobile Dental

				Unit Van (DL 1LT-5448)
3	9 th July 2014	Arvind Nagar	Team No. 2	Mobile Dental Unit Van (DL 1LT-5463)
4	11 th July 2014	Gokulpuri	Team No. 4	IEC Mobile Dental Van (DL 1LT-5460)
5	15 th July 2014	Gautam Puri	Team No. 5	IEC Mobile Dental Van (DL 1LT-5461)
6	17 th July 2014	Chauhan Pati	Team No. 4	IEC Mobile Dental Van (DL 1LT-5464)
7	21 st July 2014	Chauhan Pati	Team No. 4	IEC Mobile Dental Van (DL 1LT-5464)
8	24 th July 2014	Gautam Puri	Team No. 2	Mobile Dental Unit Van (DL 1LT-5463)

Observations made during the Visit:

A. FORMATIVE EVALUATION OF THE FUNCTIONING AND MONITORING OF THE WORK IN MOBILE DENTAL VANS

1. The respective team of dental surgeons and the other supporting staff reported well in time and started at the stipulated timing from the institution (9.00 am) and reaching the respective dispensaries in their Mobile Dental Vans within 30 - 45 minutes of departure depending upon the distance.
2. The Mobile Dental Clinic Van In-charges informed to their respective Dispensary CMO and simultaneously proceeded with the field arrangements.
3. At the time of the visit, a new parking site was explored for Gautam Puri and Arvind Nagar as it was informed that accessibility of the mobile clinics hindered affecting the patients' inflow. The vehicle was then parked at a new convenient site near the dispensary. Rest of the Mobile Dental Vans were stationed at their destined sites in or just outside or nearby to the dispensary, depending on the ease of availability for parking of Mobile Units and maintained on all days of their service.
4. The protocol set for the work pattern was being properly followed and appropriate arrangements were made.
5. All the Mobile Dental Vans were maintained reasonably well except for certain minor issues of equipment safety installed in vans. In order to enhance the equipment safety and performance, all the concerned Staff present was informed about the measures that are required be taken on daily basis.
6. Usually at the time of visits, the OPD was heavy. The patients were provided with Treatment, Referral and Recall Services as per the requirement and facilities available.
7. Appropriate measures were taken to avoid overcrowding and harmonize the inflow inside the Mobile Dental Unit.
8. All the respective team members were working in harmony and in co-ordination with each other.
9. Instruments and the equipment were neat and clean.

10. Infection Control and Biomedical Waste Management protocols were being practiced by the staff.
11. The dental surgeons attending the patients were attentive and considerate enough to address the patient complaints.
12. Record maintenance was done appropriately according to the set protocol after each patient.
13. The entire field work continued on an average for 4 hours (9.45 am to 2 pm) without any major interruption.
14. A few of the ASHAs were also present with their families at few of the field sites for their dental check-ups and treatment.
15. On an average, Mobile Dental Unit Vans were able to cater about 45-60 patients/ day of visit and IEC Mobile Vans were able to cater around 30-35 patients/ day of visit.

B. FEEDBACK FROM CMO AND BENEFICIARIES

1. The CMO/MO of the respective dispensaries provided a positive feedback in relation to the functioning and the approach of outreach staff in Mobile Dental Vans. They observed and specifically mentioned that following the visit of these mobile clinics the response of patients visiting for dental complains have increased substantially.
2. Their response was favorable in terms of punctuality and service satisfaction. They were quite satisfied the work that they were doing.
3. The patient availing the dental care services also expressed their general satisfaction with the services offered. They were quite contented and satisfied in terms of services provided and welcome the program with their active participation.

C. ASHA WORKERS TRAINING PROGRAM

1. ASHA Workers and ANM's training program was being organized on 21st July 2014 at Chauhan Pati and 24th July 2014 at Gautam Puri Dispensary after duly informing the respective dispensary CMO's.
2. The main focus of the training session was:
 - i. Creating the awareness about oral health and its related diseases.
 - ii. Ways to prevent oral diseases.
 - iii. Relationship between oral health and pregnancy.
3. In total 26 ASHA's and 8 ANM's participated in the training session.
4. A self-administered questionnaire was given to assess the baseline knowledge, attitude and practices of these community stakeholders.
5. This was followed by Oral Health Education Lecture using a Power-point Presentation and a personal interaction of their experiences.
6. A special arrangement was made for the ASHA & ANM's to provide their feedback about the overall program and suggestions regarding the same.
7. At the end of training session, few of the ASHA & ANM Workers expressed their doubts and myths related to the pregnancy and oral health. There doubts and myths were explained and clarified at the same time.
8. Overall the program received a huge applauds by the participants and this personal way of educating ASHA Workers and ANM's also received huge appreciation and prodigious participation by the CMO/ MO of their respective dispensaries.

PICTURE GALLERY



ASHA & ANM FILLING THE BASELINE QUESTIONNAIRE DURING THE TRAINING PROGRAM

AT CHAUHAN PATI DISPENSARY

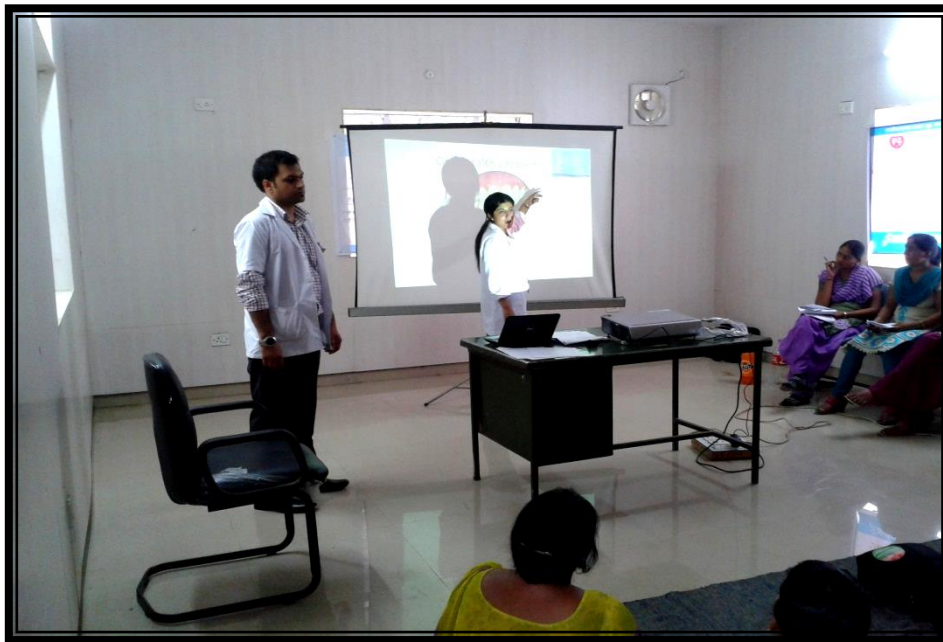


ASHA & ANM FILLING THE BASELINE QUESTIONNAIRE DURING THE TRAINING PROGRAM

AT GAUTAM PURI DISPENSARY



CONSULTANT, NRHM DELIVERING ORAL HEALTH EDUCATION TO ASHA & ANM WORKERS DURING THE TRAINING PROGRAM AT CHAUHAN PATI DISPENSARY



CONSULTANT, NRHM DELIVERING ORAL HEALTH EDUCATION TO ASHA & ANM WORKERS DURING THE TRAINING PROGRAM AT GAUTAM PURI DISPENSARY



ASHA & ANM TRAINING PROGRAM TEAM AT CHAUHAN PATI



ASHA & ANM TRAINING PROGRAM TEAM AT GAUTAM PURI



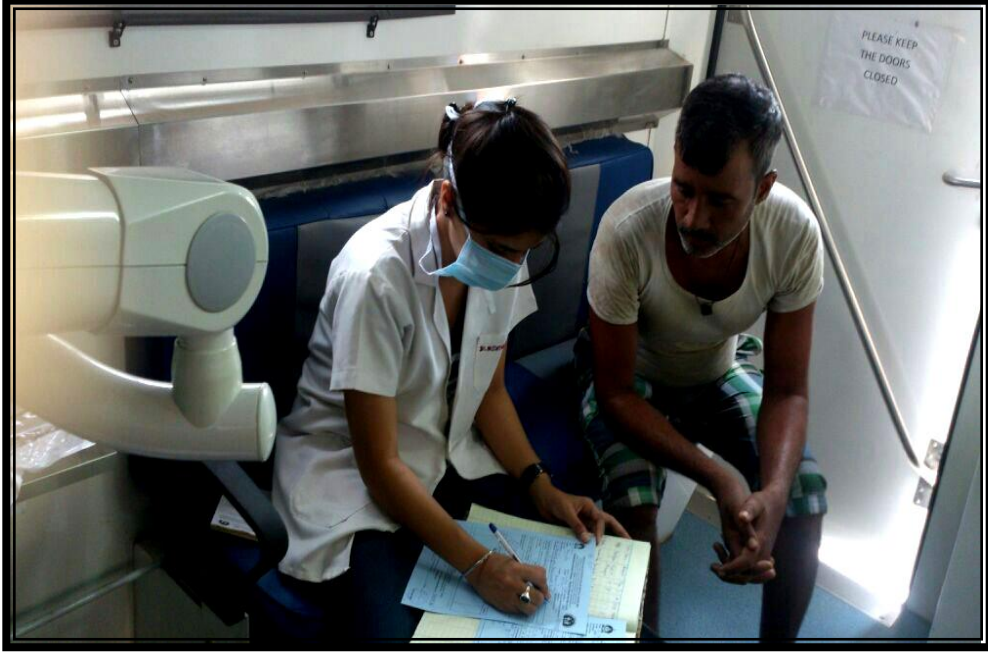
SCREENING SERVICES IN MOBILE DENTAL CLINICS



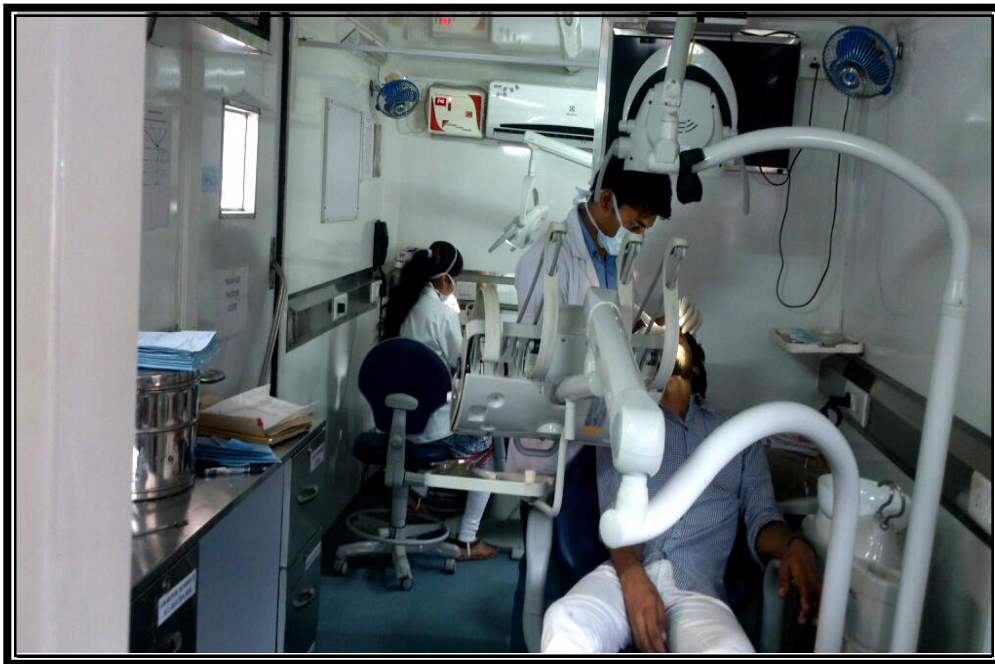
DGD- CHAUHAN PATI COMMUNITY PARTICIPATION FOR UTILIZATION OF DENTAL CARE



DGD- KHAJURIKHAS COMMUNITY PARTICIPATION FOR UTILIZATION OF DENTAL CARE



SCREENING SERVICES IN MOBILE DENTAL CLINICS



TREATMENT SERVICES IN MOBILE DENTAL CLINICS



SCREENING AND TREATMENT SERVICES IN IEC VANS



COMMUNITY ORAL HEALTH AWARENESS EDUCATIONAL PROGRAM
THROUGH INDIVIDUAL GROUP TEACHING ACTIVITIES



COMMUNITY ORAL HEALTH AWARENESS EDUCATIONAL PROGRAM
THROUGH INDIVIDUAL GROUP TEACHING ACTIVITIES

PROGRAM SUMMARY (As on 25th July 2014)

	MDC 1	MDC 2	IEC 3	IEC 4	IEC 5	IEC 6
Total Working Days (22 Days – From 26.06.2014 to 25.07.2014)	22	21*	18*	21*	22	19*
Total Patients Screened	809	825	445	442	382	391
Dental Caries	433	274	241	245	210	237
Periodontal Disease	339	254	251	249	180	196
Malocclusion	05	04	05	32	15	08
Pre-malignant lesion	02	02	0	0	05	02
Others (Dental Fluorosis, Prosthetic Replacements, Tooth Fractures, Peri-apical Pathologies, Hypoplasia, Wasting diseases of teeth, Tooth Sensitivity)	45	70	14	06	35	52
Tobacco Usage	78	66	21	27	52	46
Total Patients Treated	557	555	50	171	184	163
Oral Prophylaxis	260	288	40	119	87	116
Restoration	249	237	10	52	97	47
Extraction	48	30	0	0	0	0
Total Referrals	130	100	155	147	136	125
Total Recall Appointments**	187	371	239	151	137	146
Routine Check-up	0	0	01	0	0	0
TOTAL NUMBER OF BENEFICIARIES	3294					

*Working Days reduction due to technical issues in the vehicle.

**Inflation due to Multiple Dental Treatment Procedures.