

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



MAULANA AZAD INSTITUTE OF DENTAL SCIENCES

2, B.S.Z Marg, MAMC Complex, New Delhi-110002

Email: dpmaids@gmail.com maidsnrhm@gmail.com Tel: +91-11-23233925

CONTENTS

1. BACKGROUND	3
2. PROGRAM IMPLEMENTATION	3
❖ Daily Van Schedule for the month of June	
3. PROGRAM SERVICES & OUTCOMES	5
❖ OPD/ Screening Services	
❖ Disease Burden Estimation	
❖ Treatment Services	
❖ Dispensary-wise Number of Beneficiaries	
❖ Oral Health Education in the Community	
❖ Appointment Services	
❖ Referral Services	
4. MONITORING OF THE PROGRAM	10
❖ Periodic Meetings	
❖ Tour Report	
❖ Training Sessions	
5. APPENDIX	15
❖ Picture Templates	
❖ Summary	

BACKGROUND

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.

PROGRAM IMPLEMENTATION

The Mobile Dental Clinics (MDC) and Information, Education & Communication (IEC) Mobile Dental Vans work in combination are covering six identified dispensaries. Two clusters have been made with one MDC and 2 IEC Vans are covering the identified dispensaries on rotational basis:

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

DAILY SCHEDULE

- They are stationed from 10:00 am to 1:00 pm for five days a week in each of the identified dispensaries on rotational basis.

Mobile Dental Van Schedule for the month of June

			CLUSTER I			CLUSTER II		
TIME	FROM	TILL	MDC - 1	IEC - 3	IEC - 4	MDC - 2	IEC - 5	IEC - 6
10:00 AM –	2/6/14	6/6/14	Gokulpuri	Shiv Vihar	Chauhan Pati	Khajurikhas	Gautam Puri	Arvind Nagar
1:00 PM	9/6/14	13/6/14	Chauhan Pati	Gokulpuri	Shiv Vihar	Gautam Puri	Arvind Nagar	Khajurikhas
	16/6/14	20/6/14	Shiv	Chauhan	Gokulpuri	Arvind	Khajurikhas	Gautam

			Vihar	Pati		Nagar		Puri
	23/6/14	27/6/14	Gokulpuri	Shiv Vihar	Chauhan Pati	Khajurikhas	Gautam Puri	Arvind Nagar

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

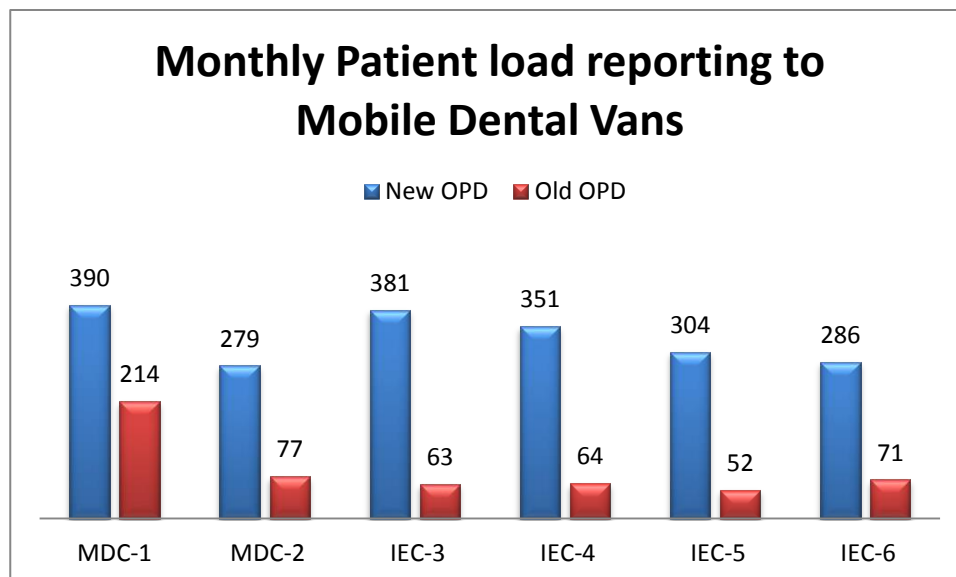
Note: All the Mobile Clinics are stationed at Delhi Government Dispensaries or nearby to them which have been informed to the CMO/ MO of their respective dispensaries.

PROGRAM SERVICES & OUTCOMES

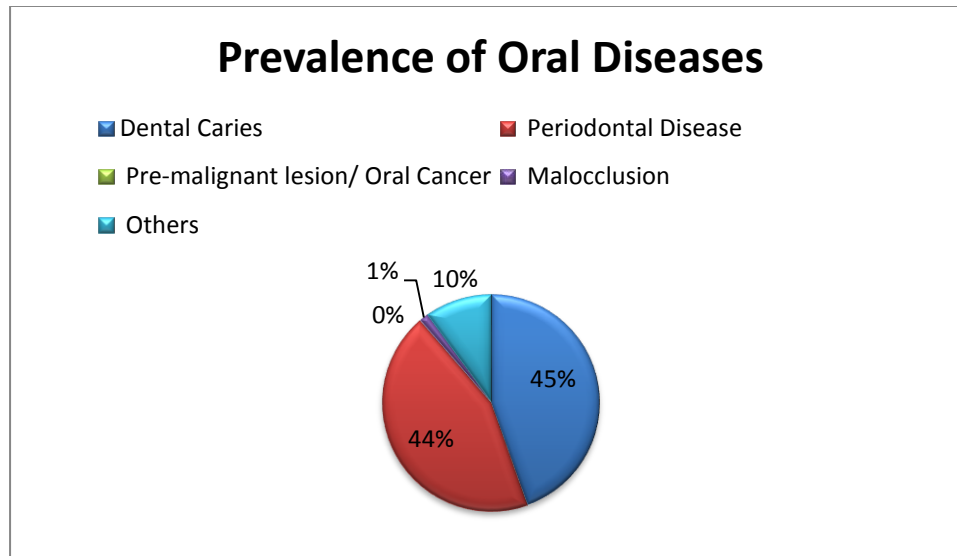
1) OPD/ Screening Services:

Total Number of patients screened – **2532**

New OPD Cases	Old OPD Cases	Total OPD
1991	541	2532

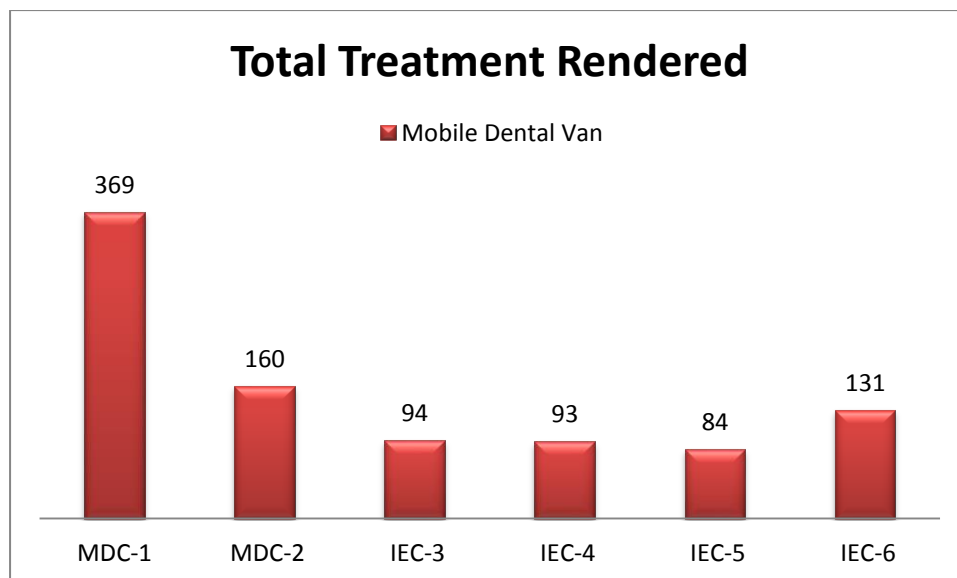


2) Disease Burden Estimation:

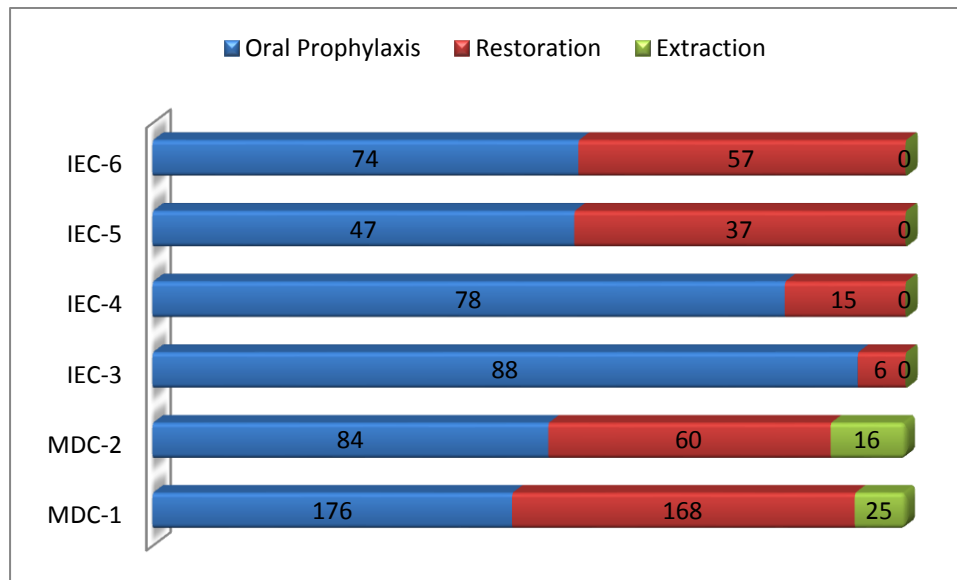


3) Treatment Services:

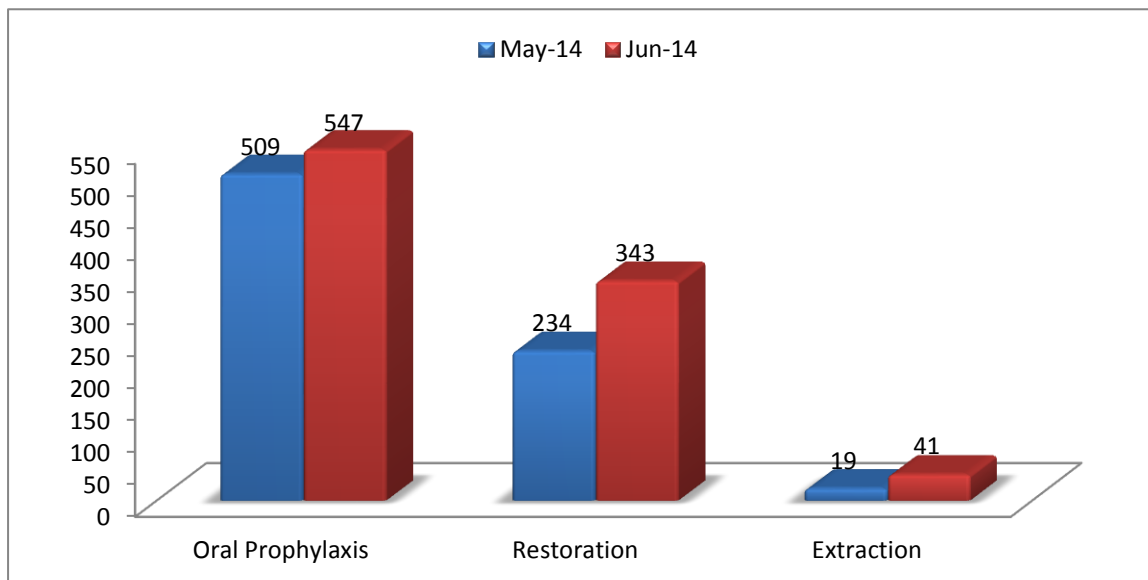
Total Number of patients treated – 931



4) Break-up of Individual Treatment Services:



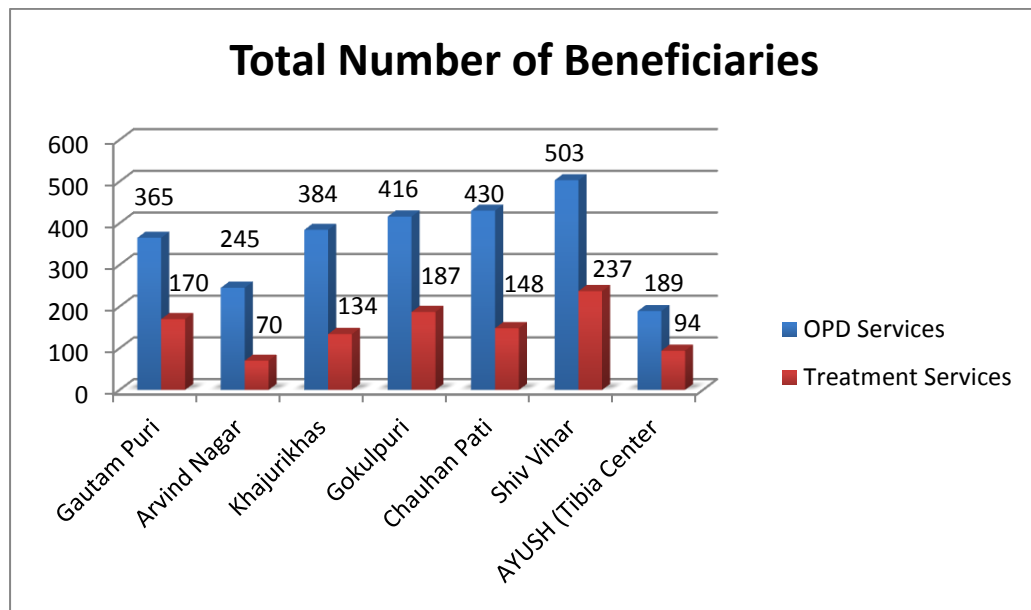
5) Comparative May-June 2014:



6) Dispensary-Wise Break Up of the Services :

Dispensary	Total number of days services rendered	Total OPD services	Total Treatment services
Gautam Puri	18	365	170
Arvind Nagar	13	245	70
Khajurikhas	10	384	134
Gokulpuri	13	416	187
Chauhan Pati	18	430	148
Shiv Vihar	18	503	237
AYUSH – Ayurvedic Tibia Hospital (Karol Bag)	07	189	94

7) Dispensary-Wise Break Up of the number of Beneficiaries:



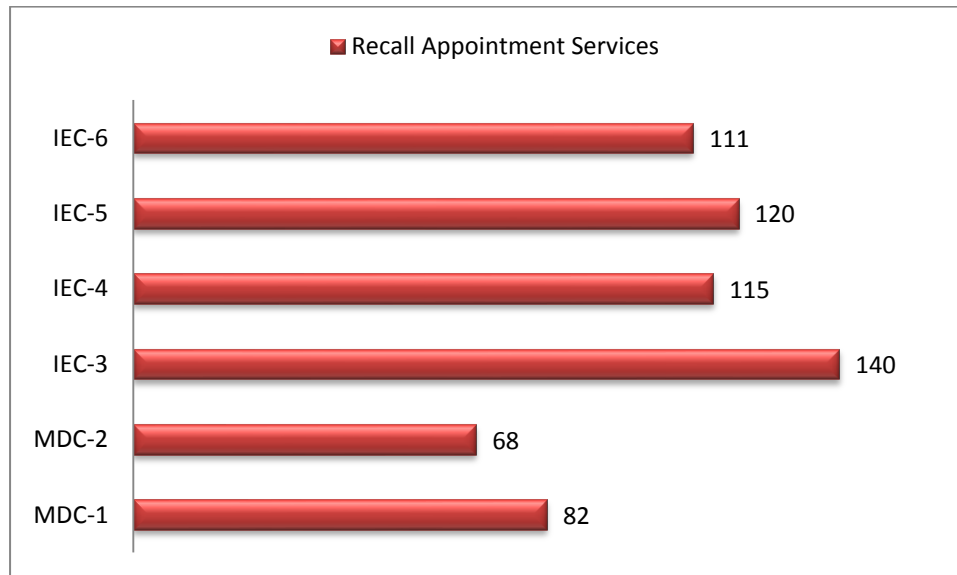
8) Health Education Services in the Community:

- 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 – **13 Sessions**

9) Recall Appointment Services:

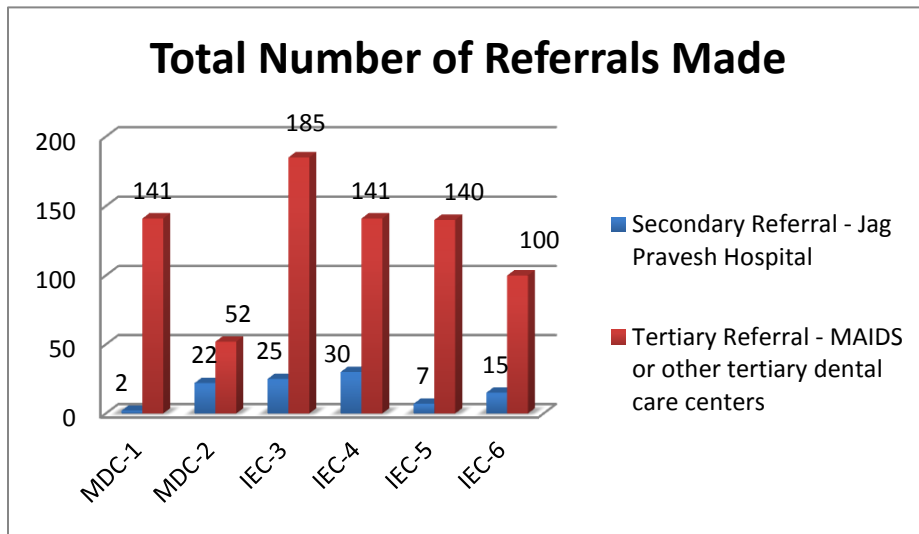
- Include identifying and enlisting patients by the IEC Mobile Dental Vans after initial dental screening and rendering the possible dental care to Mobile Dental Clinics for the treatment.
- A separate recall appointment/ referral schedule system is developed to cater the patients in Mobile Dental Vans.



10) 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
101	759	860

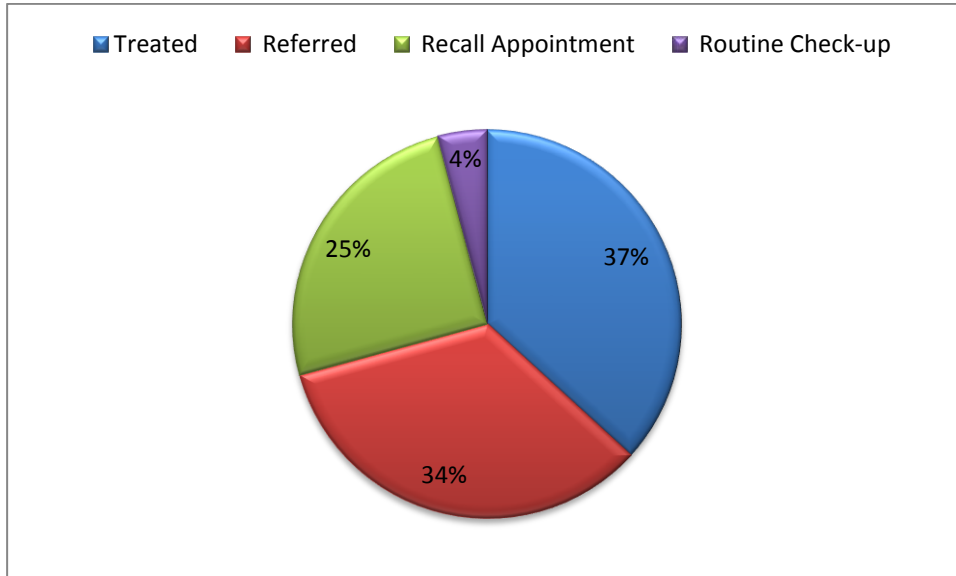
Total Patients who visited MAIDS for Tertiary Services: 19

Referral Protocol at MAIDS:

1. Every patient referred to MAIDS reports along with a specially designed referral card/slip from the various Delhi Government Dispensaries to Room No: 604, 6th floor, Department of Public Health Dentistry.
2. The patients' names and details are maintained in a separate register.
3. The patient is then referred to the Registration Counter on the Ground floor to pay and get an OPD card (Computerised Printout) made.

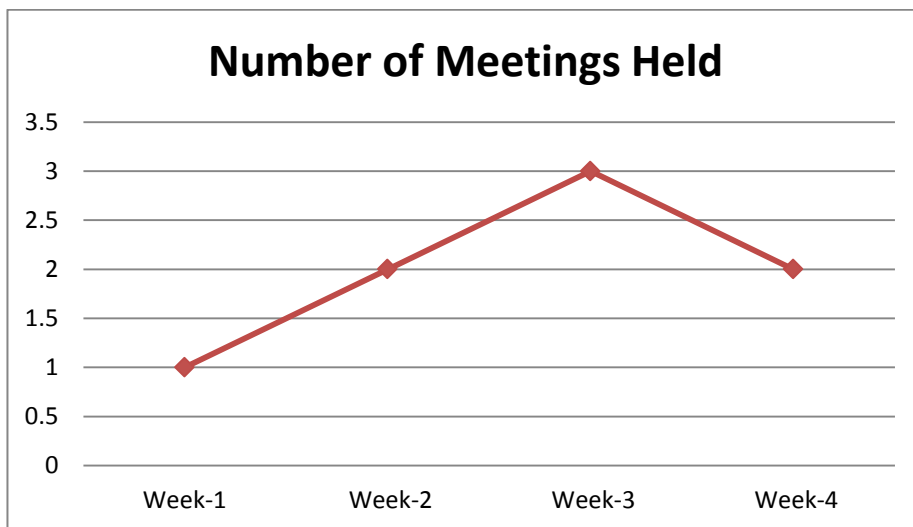
4. The patient is then directly referred to the respective department where the separate file is prepared and treatment is advised as per their appointment schedule.

SUMMARY OF PATIENT SCREENED



MONITORING OF THE PROGRAM

1) Periodic Meetings held in the month of June 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.

Tour Report

Background:

As per the directions from M.O. I/C Mobile Dental Clinic Scheme, NHM, to have an overview of the functioning and quality of work provided under scope of services by the NHM Vans in the field setting,

I, **Dr Shekhar Grover** (Senior Resident, Department of Public Health Dentistry) visited an allotted Dispensary along with one of the vans on 27/06/2014. I travelled with the Mobile Dental Clinic (DL-1LT 5448) to its respective dispensary 'Khajuri Khas' in the North East District of Delhi as per schedule.

Objectives:

1. To review functioning and progress of the Mobile Dental Van in field setting along with evaluation of the work.
2. To visit the associated health facility and get the required feedback regarding the operational activities of the Mobile Clinics.
3. Obtain feedback from the nearby general population regarding the potential need, benefits provided and suggestions regarding this effort.
4. To identify and eliminate possible constraints related to the smooth functioning and health care provision by the van.

Observations:

1. FUNCTIONING AND PROGRESS OF THE MOBILE DENTAL VAN IN FIELD SETTING

The Dental Surgeons posted in the Van were Dr Nishtha and Dr Neha, along with Dental Hygienist Mr Rakesh and other supporting staff, amounting to a total of 6 persons. The

Mobile Dental Van started at the stipulated timing from the institution (9.00 am), and reached its destination in about 45 minutes, pausing once for fuel requirements.

On arrival, the Mobile Dental Clinic In-charge Dr Nishtha immediately reported to the Dispensary CMO, Dr Sarika and proceeded with the field arrangements. The Mobile Dental Clinic was stationed just outside the dispensary owing to inaccessibility in its premises because of a broken platform. The arrangements were made and the patient attending system was initiated.

The patients were initially numbered according to their presence and provided with an OPD card. These patients were then screened turn-wise and treated as per their requirement and facilities available. Measures were taken to avoid overcrowding and harmonize the inflow. The Chair Side Assistant updated the instrument and material supply and the Helper managed to regulate the number of incoming and outgoing patients, along with necessary help. The Dental Surgeons and Dental Hygienist supervised the entire situation giving necessary instructions while working on the Dental Chairs simultaneously. The audio-visual system for dental health education was also started.

On that particular day, the number of patients requiring oral prophylaxis was exceedingly large, so the Dental Hygienist was allotted a chair to continue with the specific work. One Dental Surgeon took the charge of restorations and extractions, while the other catered to initial screening, hospital referral and individual patient education. The necessary records were updated after each patient including referrals.

The entire field work continued for 3.5 hours without any major interruption. The OPD service continued until no new patient arrived. At the end, the records showed that overall 48 patients were screened in which 27 were treated on that day. The records were signed and counter signed by the CMO of the respective dispensary. Instruments were washed and chairs were cleaned, and after packing, the van headed back to the institution. The

Mobile Dental Van reached at around 2.30pm finally submitting the records, rechecking the vehicle maintenance and autoclaving the instruments for the next day.

2. VISIT DISPENSARY AND FEEDBACK FROM BENEFICIARIES

I met the dispensary CMO, Dr Sarika and requested her feedback and suggestions related to the functioning of Mobile Dental Vans. Her response was favorable in terms of punctuality and service satisfaction. Though she did insist to take a necessary action for an official notification for provision of electricity from the dispensary premises, which would largely cut down the fuel expenses.

Also, she suggested for framing the scope of services provided by the van, which could be used by the dispensary officials to instruct and guide the patients.

3. The response of local personnel and neighborhood population was very supportive. People were quite happy and satisfied in terms of services and accepted the approach readily. Though, the response of referral services was not quite satisfactory as people complained they have to travel to a far distance to get the required tertiary care.

Recommendations:

1. Dental Surgeons should ensure and supervise that all the functioning equipment has been rightly placed and initiated, before starting dealing with the patients.
2. Cleanliness of the vehicle at the end of the day is an important parameter to be thoroughly supervised by the Dental Surgeon.
3. The Chair Side Assistants should make sure that all the instruments and materials are in place to avoid last minute hassle.
4. Dental Surgeons should create some more time for health education activities too.

3) TRAININGS RECEIVED BY THE STAFF:

1. Orientation Lectures on Basic Oral Health Survey and Tobacco Cessation training for the NRHM Staff by MOI/C NRHM.
2. Orientation Lectures on Biomedical Waste Management and Infection Control Protocol for dental surgeons and helpers by Consultant and MOI/C NRHM.

Tour Report Photos:



**Khajuri Khas Health Care
Dispensary**



**Mobile Dental Van stationed outside the
dispensary**



Patients lining up for their turn



**Patients being allocated serial
numbers**

PICTURE TEMPLATE



DGD- Khajuri Khaas, COMMUNITY PARTICIPATION FOR UTILIZATION OF DENTAL CARE



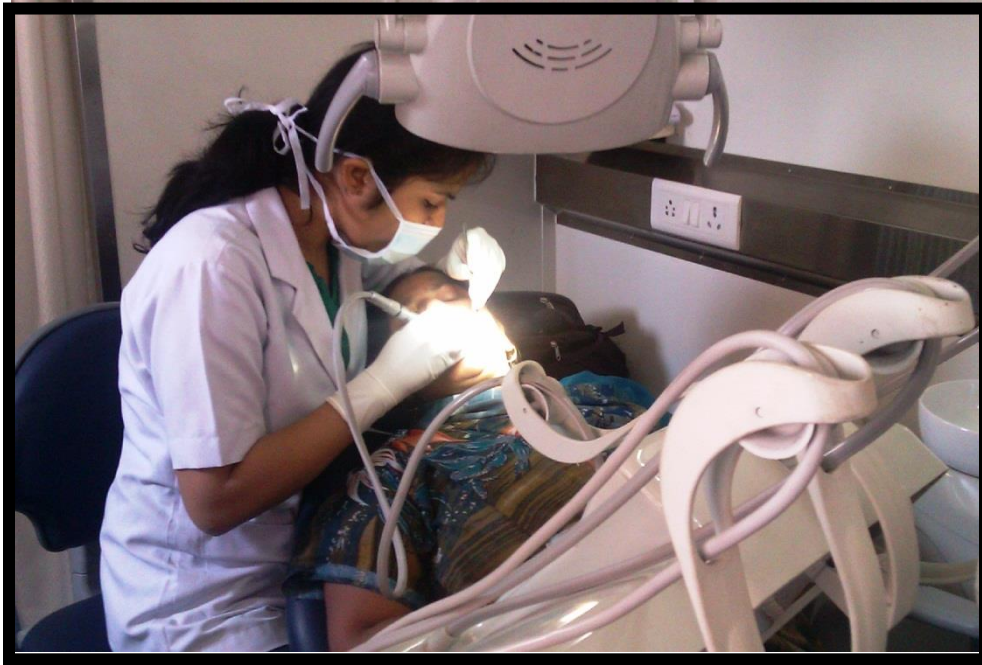
DGD- Shiv Vihar COMMUNITY PARTICIPATION FOR UTILIZATION OF DENTAL CARE

PICTURE TEMPLATE



SCREENING SERVICES IN MOBILE DENTAL CLINICS

PICTURE TEMPLATE



TREATMENT SERVICES IN MOBILE DENTAL CLINICS

PICTURE TEMPLATE



SCREENING & TREATMENT SERVICES IN IEC VANS

PICTURE TEMPLATE



COMMUNITY ORAL HEALTH AWARENESS EDUCATIONAL PROGRAM

THROUGH AUDIO-VISUAL AIDS



COMMUNITY ORAL HEALTH AWARENESS EDUCATIONAL PROGRAM

THROUGH INDIVIDUAL GROUP TEACHING ACTIVITIES

SUMMARY

(As on 25th July 2014)

	MDC 1	MDC 2	IEC 3	IEC 4	IEC 5	IEC 6
Total Working Days (18 Days up to 25.06.2014)	18	12*	18	18	18	17*
Total Patients Screened	604	356	444	415	356	357
Dental Caries	274	178	231	170	190	170
Periodontal Disease	215	162	245	236	165	179
Malocclusion	08	0	05	09	05	12
Others (Dental Fluorosis, Prosthetic Replacements, Tooth Fractures, Peri-apical Pathologies, Hypoplasia, Wasting diseases of teeth, Tooth Sensitivity)	45	70	30	40	37	50
Total Patients Treated	369	160	94	93	84	131
Oral Prophylaxis	176	84	88	78	47	74
Restoration	168	60	06	15	37	57
Extraction	25	16	0	0	0	0
Total Referrals	143	74	210	171	147	115
Total Follow-ups	82	68	140	115	120	111
Routine Check-up	10	54	0	36	5	0
TOTAL NUMBER OF BENEFICIARIES	2532					

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