

# **NATIONAL HEALTH MISSION**

## **MOBILE DENTAL CLINIC PROJECT**



### **MONTHLY REPORT- DECEMBER 2019**

**Maulana Azad Institute of Dental Sciences**

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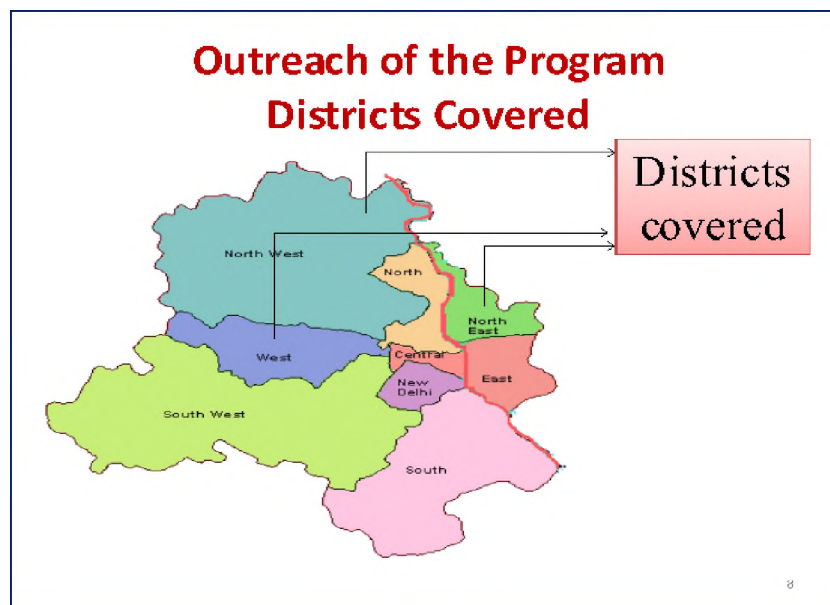
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## **MOBILE DENTAL CLINIC PROJECT**

The **Mobile Dental Clinic Project** is one of the landmark oral health care project rendering **preventive, promotive and curative services** to the underserved thereby overcoming barriers of **accessibility, affordability and Cultural factors** by **Maulana Azad Institute of Dental Sciences** under the **umbrella of NHM/DSHM** operational since May 2014.

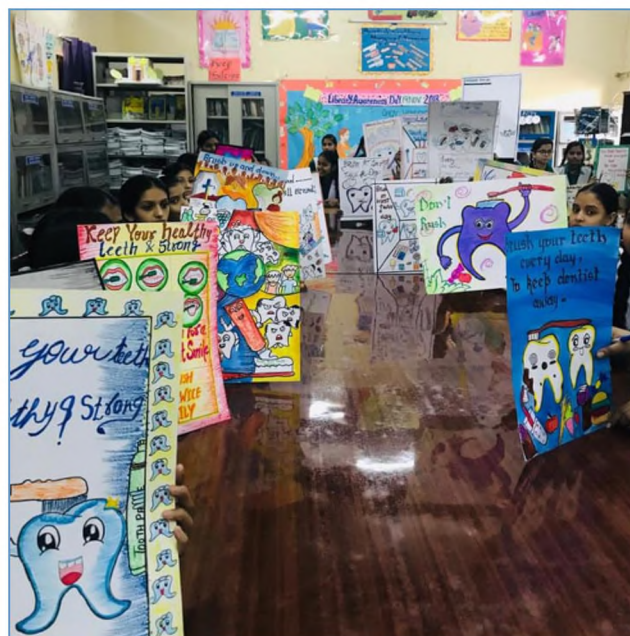
**Approximately 2500 people every month are benefitted by the program in different locations of Delhi.** The program has worked its way to integrate Dental health education with its treatment services thereby fulfilling the primary purpose of creating awareness and promoting oral health. Further, the program has attempted to integrate oral health into general health provide comprehensive care to the masses especially target groups like special care groups like children and geriatrics.



The **Mobile Dental Clinic Project** at MAIDS is operational currently in **North East, East and Central Districts of Delhi.** All the six Mobile Dental Clinics cater to **09 Delhi Government Dispensaries** on rotational basis depending on their division of clusters:

- **Cluster I [NORTH EAST]:** Yamuna Vihar, KantiNagar, and Seelampur
- **Cluster II [EAST]** Vasundhara Enclave, Mayur Vihar
- **Cluster III [CENTRAL]** Timarpur

- Asha Kiran-Home for Mentally Challenged Children, Rohini.
- Mobile Clinics are stationed **for five days a week** in each of the identified dispensaries on rotational basis from **9:30 A.M. to 2 P.M**
- **Every 1<sup>st</sup> and 3rd Wednesday of the month Mobile Dental Clinic (MDC's) render care to the Asha Kiran- Home for Mentally Challenged, Rohini, under the Department of Social Welfare, GNCT of Delhi.**
- **Every Wednesday of the week** is reserved for **School Dental Health Programme** for rendering Dental Screening, Health Education Programs and Referral Services in the schools under School Health Scheme, GNCT of Delhi by Mobile Dental Clinics. Currently, two schools under school health scheme have already been selected and the screening, treatment and health educational services are being provided.





## PROGRAM IMPLEMENTATION

### MONTHLY SCHEDULE OF MOBILE DENTAL CLINICS

#### MAULANA AZAD INSTITUTE OF DENTAL SCIENCES

#### MOBILE DENTAL CLINIC PROJECT (NATIONAL HEALTH MISSION)

#### SCHEDULE OF MOBILE DENTAL CLINICS (JANUARY 2020)

FROM	TILL	MDC-1	MDC-2	IEC-3	IEC-4	IEC-5	IEC-6
Doctor Allotted		Dr. Anudeep	Dr. Neha Gangil Dr. Neha Singh	Dr. Shipra	Dr. Deepak	Dr. Manoj	Dr. Mohit
Van In-charge		Dr. Anudeep	Dr. Neha Gangil	Dr. Shipra	Dr. Deepak	Dr. Manoj	Dr. Mohit
Driver Name		Mr. Devender	Mr. Vikash Kumar	Mr. Rakesh	Mr. Ayaz Ahmed	Mr. Kuldeep	Mr. Vikash bharti
01/01/20	03/01/20	Yamunavihar	Kantinagar	New Location*	Mayur Vihar Ph3	Sectampur	Vasundhara Encl
06/01/20	10/01/20	Kantinagar	New Location*	Mayur Vihar Ph3	Sectampur	Vasundhara Encl	Yamunavihar
13/01/20	17/01/20	New Location*	Mayur Vihar Ph3	Sectampur	Vasundhara Encl	Yamunavihar	Kantinagar
20/01/20	24/01/20	Mayur Vihar Ph3	Sectampur	Vasundhara Encl	Yamunavihar	Kantinagar	New Location*
27/01/20	31/01/20	Sectampur	Vasundhara Encl	Yamunavihar	Kantinagar	New Location*	Mayur Vihar Ph3

\*Timarpur location has been dropped due to less number of patients visiting the Vans

**Kindly Note:**

- Every Wednesday is scheduled to render care to school children under School Health Scheme, GNCT Delhi.
- Every 1<sup>st</sup> and 3<sup>rd</sup> Wednesday of the month VAN 1/VAN 2 will render care to Asha Kiran: home for mentally challenged
- The Mobile Dental Vans may be rerouted to Old age homes as per the dates fixed for the Geriatric Oral Health Program.
- In case of breakdown of Mobile Vans, the respective DGD-CMO/MO will be given prior information

*Dr. Vikrant Mohanty*  
30/12/19

**Dr. Vikrant Mohanty**

MOEC (Mobile Dental Clinic Project)

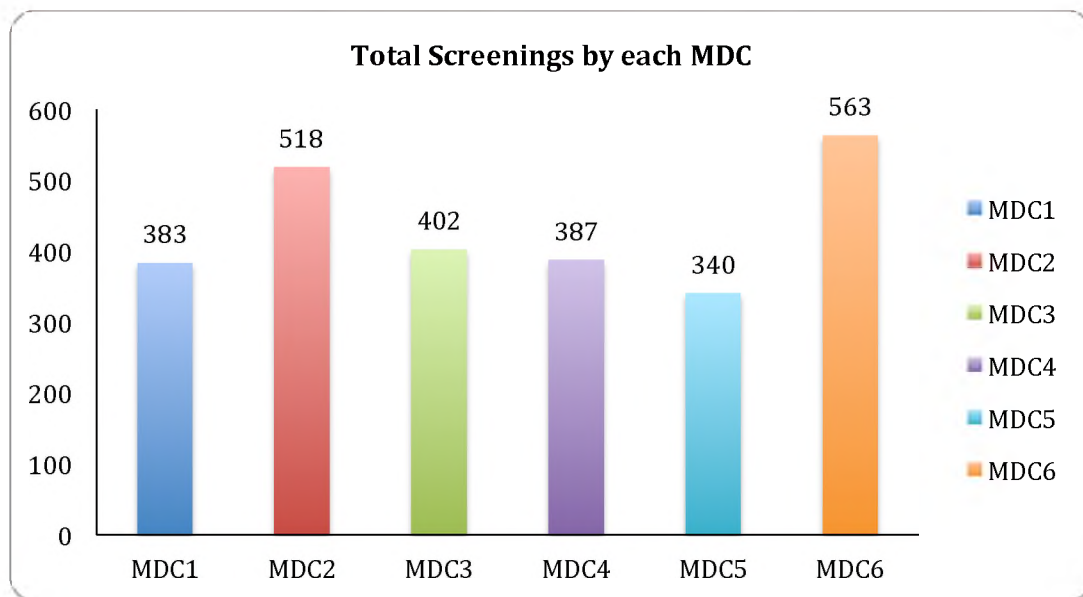
**Kindly Note\*:**

- Every Wednesday is scheduled for IEC Mobile Dental Clinics to render care to school children under School Health Scheme, GNCT Delhi.
- In case of breakdown of Mobile Vans, the respective DGD-CMO/MO will be given prior information.
- Every 1<sup>st</sup> and 3<sup>rd</sup> Wednesday of the month Mobile Dental Clinic (MDC – 1 & 2) respectively will render care to Asha Kiran-Home for Mentally Disabled

## **PROGRAM SERVICES & OUTCOMES (As on 25.12.2019)**

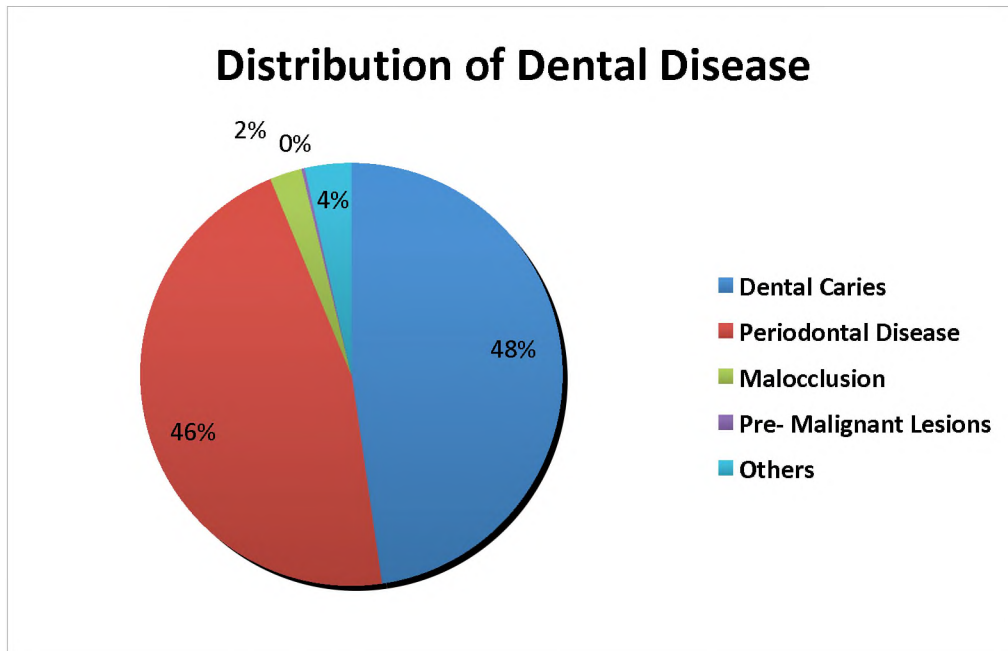
**OPD/ Screening Services:** Total Number of patients screened By Mobile Dental Clinics–2593

NEW OPD	OLD OPD	TOTAL OPD
1427	1166	2593



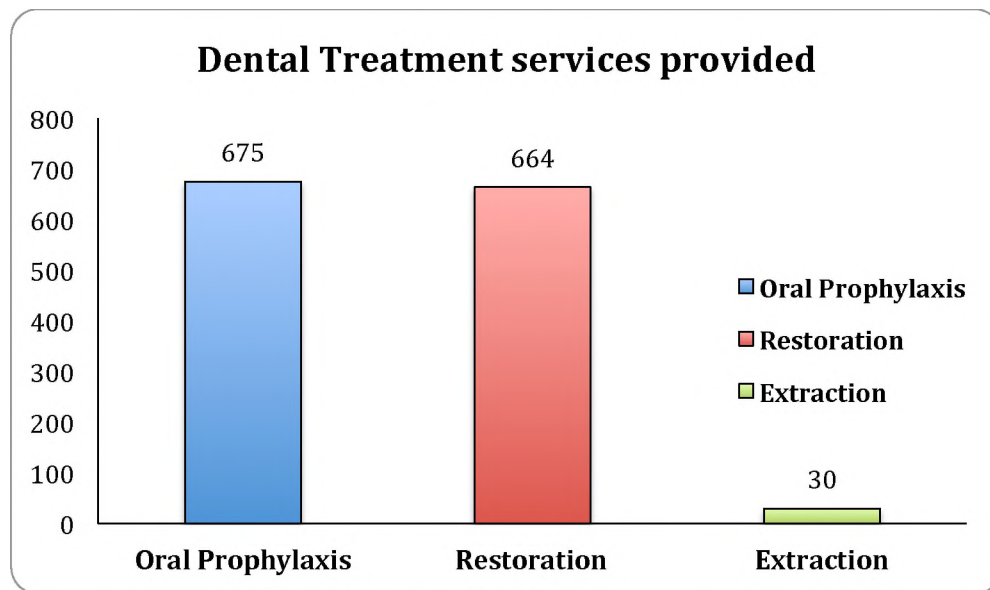
### **Oral Disease Burden**

Total Patients Screened	Dental Caries	Periodontal Disease	Malocclusion	Pre-Malignant Lesions	Others
2593	1508	1456	79	7	114
Percentage Burden	58.1%	56.1%	3%	0.3%	4.3%

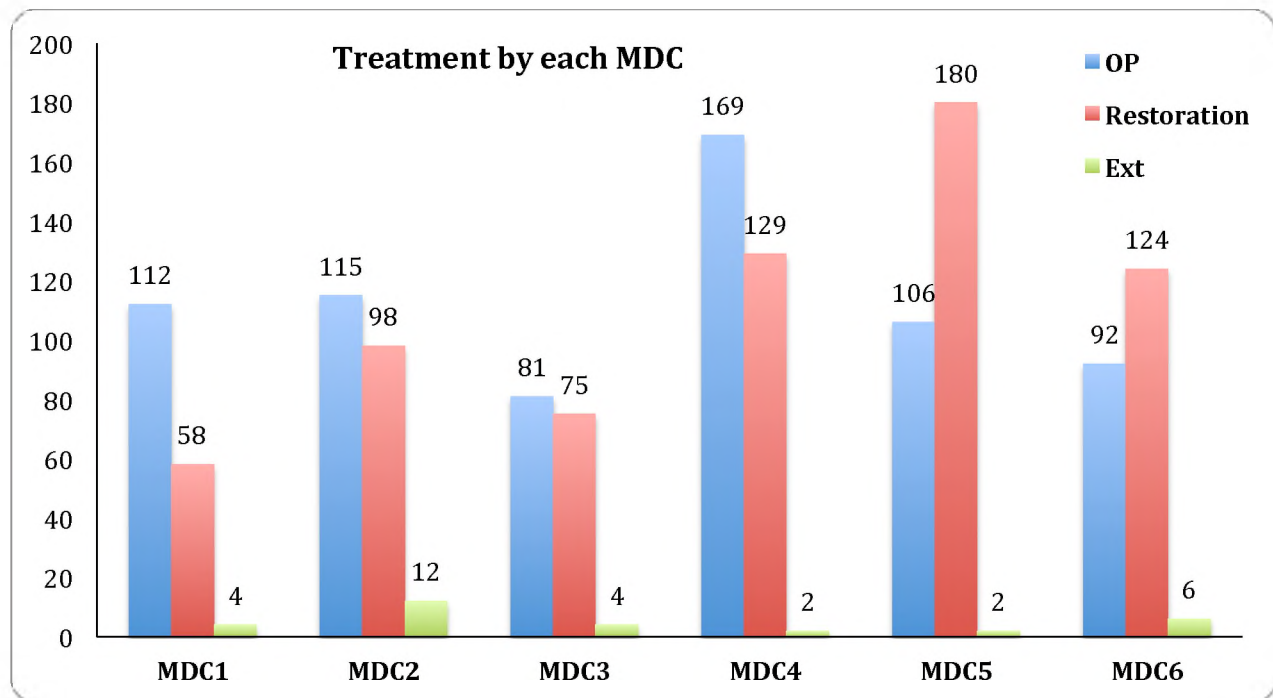


**Fig:2: Distribution of Dental Disease**

**Dental Treatment Services:** Total Number of patients treated: 1369

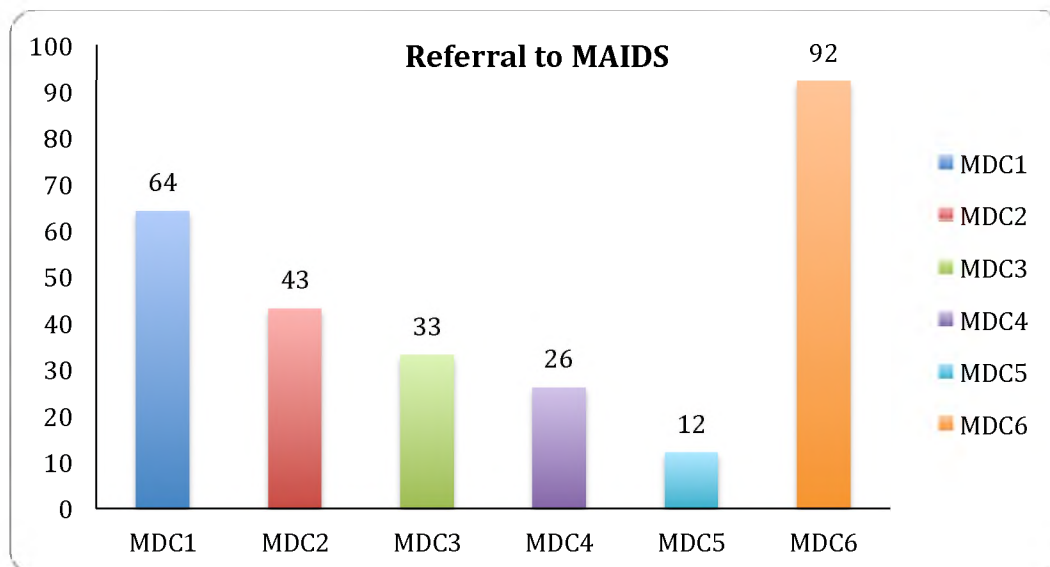


**Fig.3 Dental Treatment services provided by Mobile Dental Vans**



**Fig. 4 Dental Treatment Services Provided By Individual Clinics**

### Referral to MAIDS:

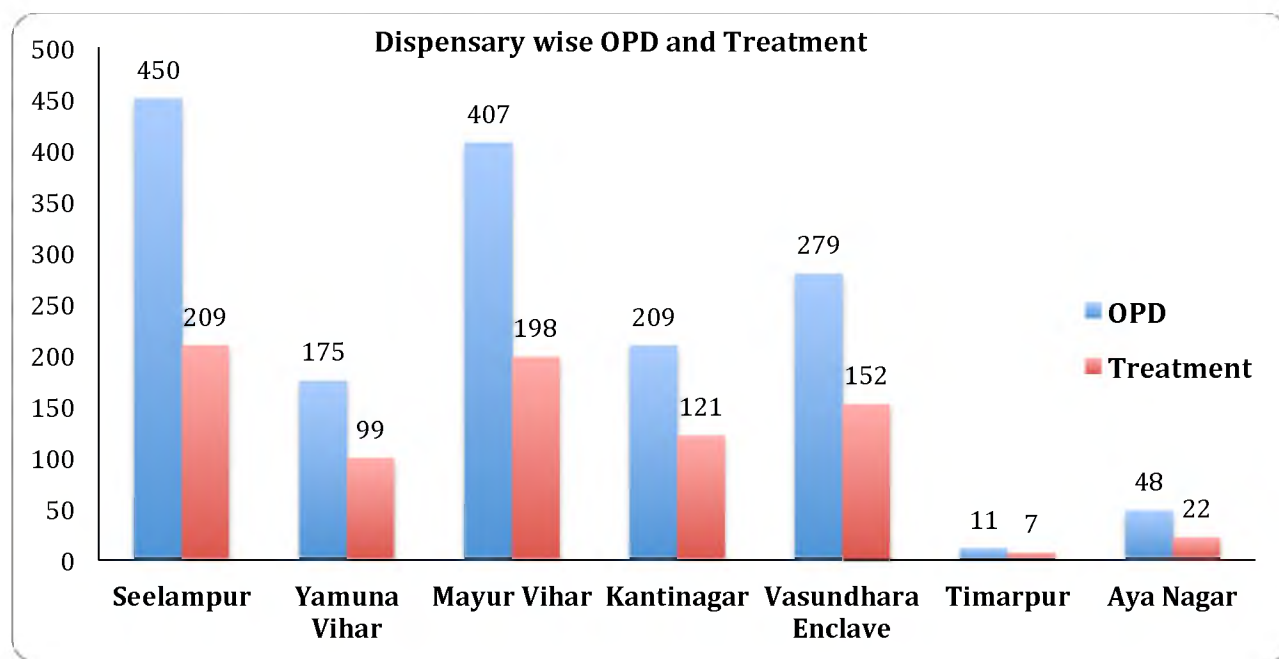


**Fig. 5 Referral to Tertiary care centre (total referrals =270)**



## **Dispensary-Wise Break Up of the Services:**

**Dispensary Wise OPD= 1579 and Treatment = 808**

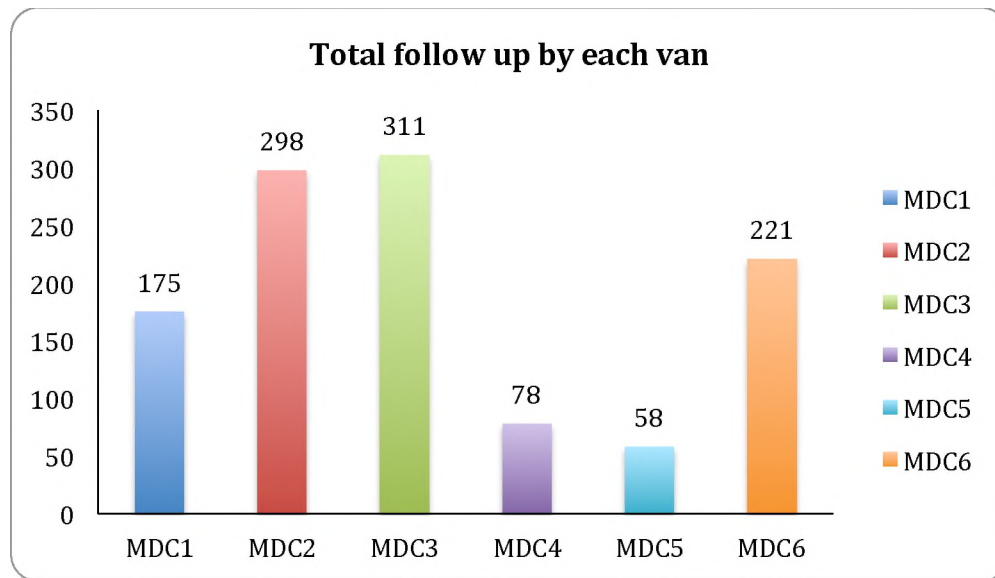


**Fig.6 Area wise Total OPD and Treatment**

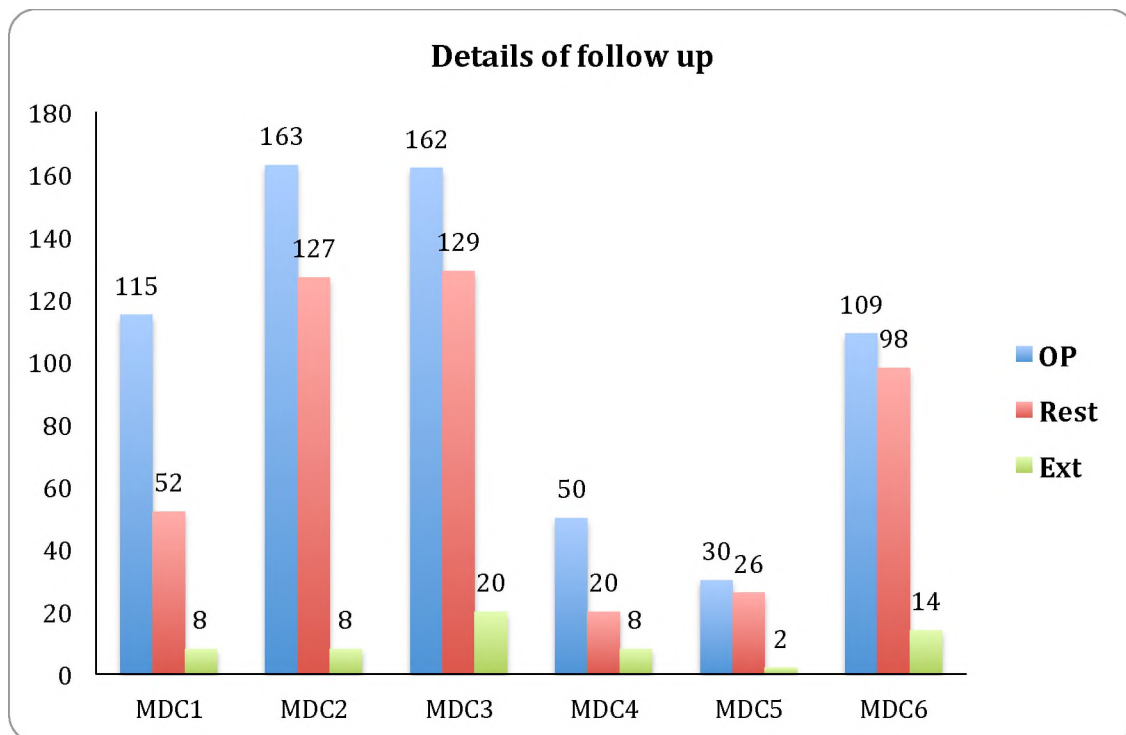
AREA	NUMBER OF DAYS	TOTAL OPD	TOTAL TREATMENT
Seelampur	14	450	209
Yamuna Vihar	6	175	99
Mayur Vihar	15	407	198
Kantinagar	11	209	101
Aya Nagar	1	48	22
Vasundhara Enclave	15	279	152
Timarpur	2	11	7

**Table: Area wise Total OPD and Treatment**

## **Recall Appointment Services: Total Recall appointments: 1141**



**Fig.7 Total follow-up by each van**



**Fig.8 Details of recall appointments**

## Health Education Services in the Community:

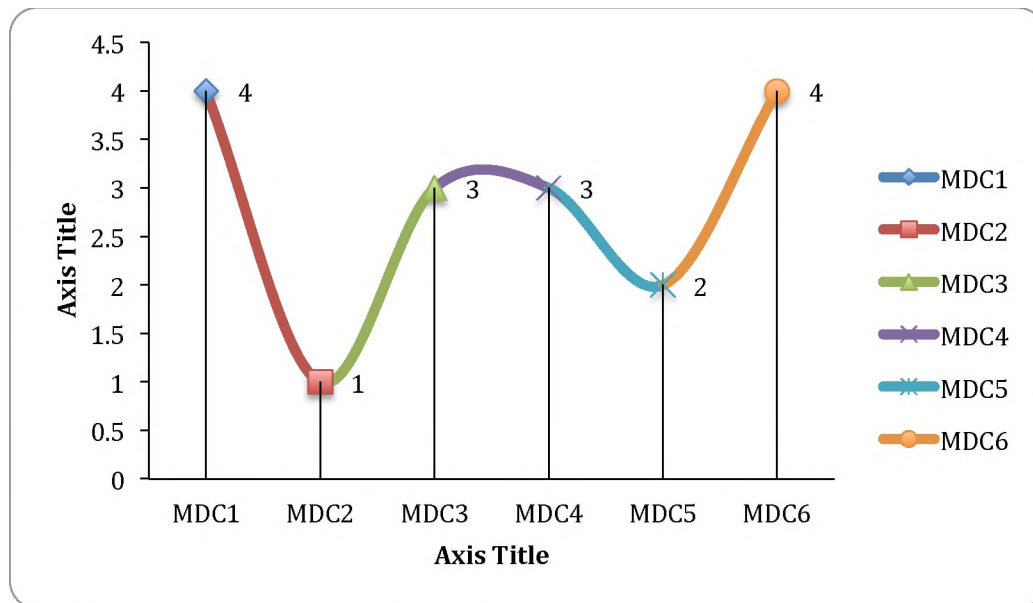


Fig.9 Total Number of times Health Educational Programs organised on *Importance of Oral Health, Impact of Oral Health on General Health and Tobacco Cessation* –17 Sessions.

## Age-wise Oral Disease Distribution:

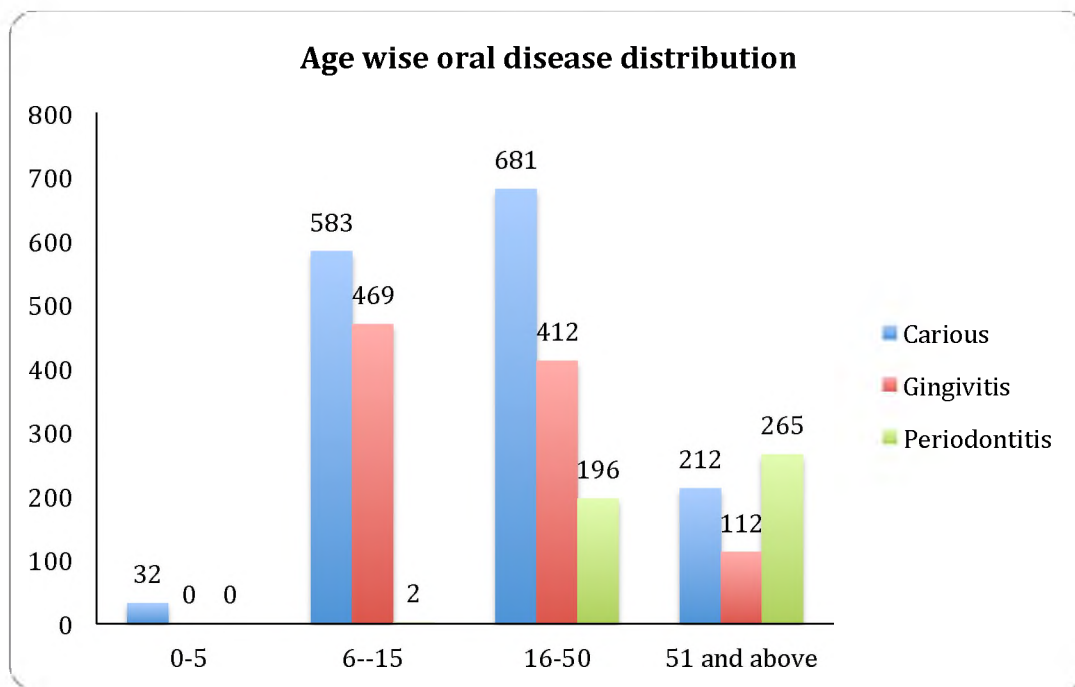
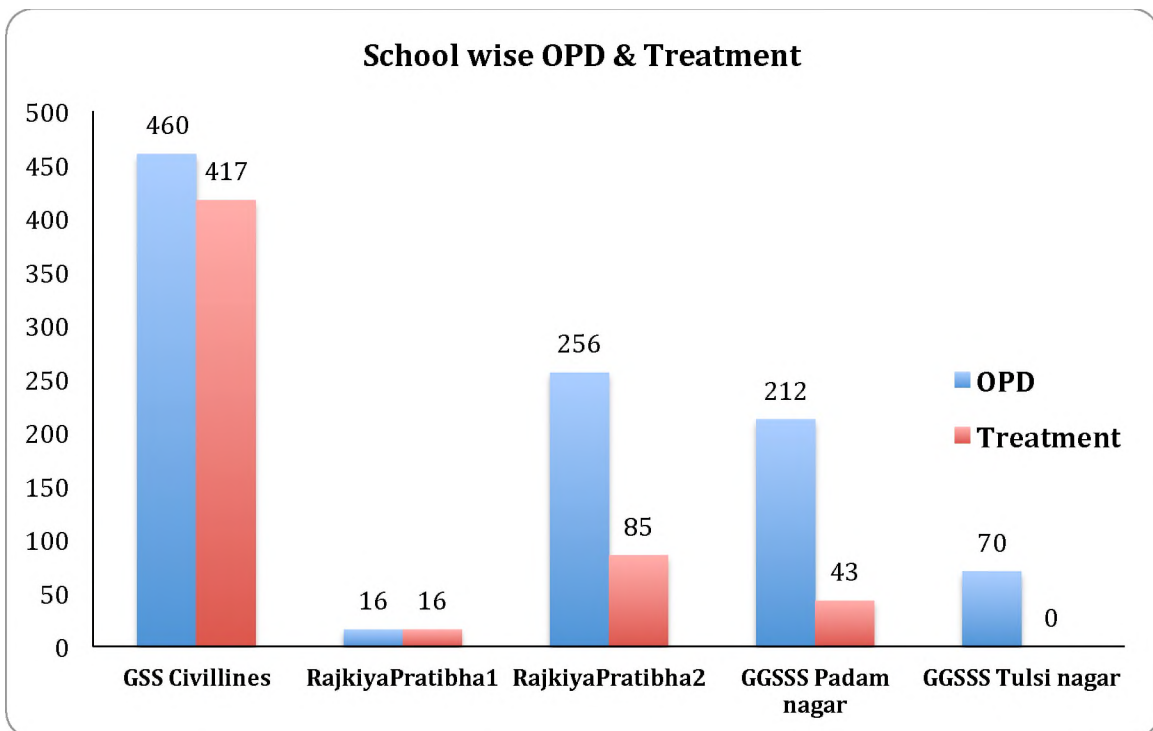


Fig.9. Age wise Disease distribution

## SCHOOL DENTAL HEALTH SCHEME –NEEV

- 1) Student Screened : 1014
- 2) New OPD: 453
- 3) Old OPD: 561
- 4) Total treatment in school 561



## **NEW HORIZONS**

### **STARTED WITH TWO NEW SCHOOLS:**

Oral health is fundamental to general health and well-being. Children who suffer from poor oral health are twelve times more likely to have restricted activity days than those who don't. A considerable number of children, their parents and teachers have limited knowledge of the cause and prevention of oral disease. Providing incremental oral health care in schools could prove pivotal in changing the current scenario of huge oral disease burden and large component of dental unmet needs.

Keeping in view of the above facts; the Mobile Dental Clinic Project initiated Project "Neev" in collaboration with School Health Scheme, GNCTD has initiated preventive and promotive Dental Care to new schools:

- 1. Govt. Girls Senior Secondary School, Tulsi Nagar  
(Principal: Dr. RK Jaiswal)**
- 2. Sarvodya Kanya Vidyalaya, Padam Nagar  
(Principal: Mrs. Sneh)**

The Program would include Health Education, Screening, along with preventive, primary and secondary Dental procedures, after obtaining written consent from the respective parents. One day per week i.e. Wednesday has been dedicated to School Oral health program.

### **WEEKLY TRAINING SESSIONS OF THE DOCTORS & THE PARAMEDICAL STAFF**

As an attempt to continue the services, weekly training sessions were conducted as a measure of Capacity Building for Dental Surgeons and Paramedical staff employed under Mobile Dental Clinic Project. For the month of December 2019, following trainings were conducted:



S. No.	Date	Topic	Led by
1.	30 <sup>th</sup> Nov 2019	WHO FCTC	Dr. Shekhar Grover
2.	21 <sup>st</sup> Dec 2019	Odyssey of Conservative Dentistry and Endodontics	Dr. Neha Gangil



**Weekly Training by Dr. Neha Gangil**

## **ASHA TRAINING**

One of the key strategies under the NHM is having a community health worker who is an Accredited Social Health Activist (ASHA) for every village with a population of 1000. The

ASHA workers should preferably be female, in the 25-45 years age group and have a qualification of at least eighth class.

With the introduction of ASHA workers under the NRHM from 2005 to 2006 in India, utilization of healthcare services at the peripheral level has improved. Hence, ASHA's being at the grass root level worker can help in creating awareness in community on oral well-being and mobilizing the community towards utilizing the oral health care services. ASHA's with the basic oral health educational trainings can acquire knowledge, skill and confidence for performing roles in creating oral health awareness and aiding in making necessary referrals.

**In this regard, the Mobile Dental Clinic Project has given the responsibility by DSHM to conduct ASHA training Program on "Oral Health" during the regular Refresher Training of ASHAs.**

#### AIMS OF THE INITIATIVE:

1. Create awareness about the **"Oral Health and Pregnancy"** by educating the Community Stakeholders like ASHA and ANM's at community grass root level.
2. Evaluate Knowledge, Attitude and Practice of ASHA and ANM Workers in relation to **"Oral Health and Pregnancy"** so that proper interventions can be undertaken to improve their knowledge in any deficient field of Oral Health.
3. Collection of baseline data to help the program managers in formalizing an effective and efficient **"ASHA and ANM Oral Health Training Module"** focusing on the areas in which a knowledge-practice gap is identified.
4. Assess the Post Training knowledge gained through a pre-validated questionnaire

A two hour **Health Educational Session** was conducted using a **Power-point presentation on "ASHA - A STEP TOWARDS INTEGRATING ORAL HEALTH WITH GENERAL HEALTH"** was conducted.

- Prior to this a Pre Training Knowledge, Attitude and Practices assessment regarding oral health was conducted through a 21 item pre-validated questionnaire.

Following the Training Session a Post training assessment of Knowledge, Attitude and Practices was again conducted to assess the level of knowledge gained.



**ASHA Training at Seed PUHC, Sangam Vihar on 28 Dec 2019 (23 ASHAs Trained)**

### **Field Visit by Consultants:**

The Mobile Dental Clinic Project is overseen by two Consultants (Dental Public Health) namely, Dr. Swati Jain and Dr. Shekhar Grover. These two Consultants have initiated supervisory field visits in the Mobile Vans to the allocated dispensaries on a rotation basis to ensure smooth functioning and management of the working capacities under the program.

For the Month of December 2019, both Dr. Swati Jain and Dr. Shekhar Grover visited the allocated dispensaries 04 times each in the respective vans as per the Consultants visit schedule.

The consultants also met the Medical Officer In-charges of the respective dispensaries for their feedback about the ongoing dental services, and also inquired the utilization of dental treatment from patients reporting to the dispensary.

Overall, the response of the patients as well as the medical officers was satisfactory, and the field visits ensured smooth functioning of the entire program. The field visits continued on an alternate basis and provided great motivation and support to the Project staff

## **PROGRAM SUMMARY (As on 25<sup>th</sup> December 2019)**

	<b>MDC 1</b>	<b>MDC2</b>	<b>MDC 3</b>	<b>MDC 4</b>	<b>MDC 5</b>	<b>MDC 6</b>	<b>Total patients</b>
<b>Total Patients Screened</b>	383	518	402	387	340	563	2593
Dental Caries	139	261	175	235	311	387	1508
Periodontal Disease	178	324	210	218	140	386	1456
Malocclusion	4	4	8	11	40	12	79
Pre- Malignant Lesions	3	2	1	0	0	1	7
Others (Dental Fluorosis, Prosthetic Replacements, Tooth Fractures, Peri-apical Pathologies, Hypoplasia, Wasting diseases of teeth, Tooth Sensitivity)	20	20	22	5	25	22	114
<b>Tobacco Usage</b>	36	37	22	7	7	22	131
<b>Total Patients Treated</b>	<b>174</b>	<b>225</b>	<b>160</b>	<b>300</b>	<b>288</b>	<b>222</b>	<b>1369</b>
Oral Prophylaxis	112	115	81	169	106	92	675
Restoration	58	98	75	129	180	124	664
Extraction	4	12	4	2	2	6	30
<b>Total Referrals</b>	64	43	33	26	12	92	270
<b>Total Recall Appointments**</b>	<b>175</b>	<b>298</b>	<b>311</b>	<b>78</b>	<b>58</b>	<b>221</b>	<b>1141</b>
<b>Total Working Days (19 Days – From 26.11.2017 to 25.12.2017)</b>	<b>19</b>	<b>17</b>	<b>16</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>102</b>
<b>TOTAL NO OF BENEFICIARIES BY MDC</b>	<b>2593</b>						



**MAULANA AZAD INSTITUTE OF DENTAL SCIENCES  
NATIONAL HEALTH MISSION**

**MONTHLY REPORT –DECEMBER 2019**

<b>S.No</b>	<b>Work Done</b>	<b>Total No.of Patients</b>
<b>1.</b>	<b>Total No .of Patients screened by vans</b>	<b>2593</b>
<b>2.</b>	<b>Total No. of Dispensary OPD</b>	<b>1579</b>
<b>3.</b>	<b>Total No. of School OPD</b>	<b>1014</b>
<b>4.</b>	<b>Total no. Of Patients screened with dental caries</b>	<b>1508</b>
<b>5.</b>	<b>Total no. Of Patients screened with Periodontal Disease</b>	<b>1456</b>
<b>6.</b>	<b>Total no. Of Patients screened with Malocclusion</b>	<b>79</b>
<b>7.</b>	<b>Total no. Of Patients screened with Pre Malignant Lesion</b>	<b>7</b>
<b>8.</b>	<b>Total no. Of Patients screened with Tobacco Usage</b>	<b>131</b>
<b>9.</b>	<b>Total no. Of Patients screened with Dental Fluorosis, Tooth Fractures,Wasting Diseases etc.</b>	<b>114</b>
<b>10.</b>	<b>Total No.of Treatments</b>	<b>1369</b>
<b>11.</b>	<b>Total No. of Oral Prophylaxis</b>	<b>675</b>
<b>12.</b>	<b>Total No. of Restorations</b>	<b>664</b>
<b>13.</b>	<b>Total No.of Extractions</b>	<b>30</b>
<b>14.</b>	<b>Total No.of Oral Health Education Sessions Given</b>	<b>17</b>
<b>15.</b>	<b>Total Monthly New O.P.D</b>	<b>1427</b>
<b>16.</b>	<b>Total Monthly Old O.P.D</b>	<b>1166</b>
<b>17.</b>	<b>Total No.Of Referrals</b>	<b>270</b>
<b>18.</b>	<b>Total No.of Recall Appointments</b>	<b>1141</b>
<b>19.</b>	<b>Total No.of beneficiaries</b>	<b>2593</b>