



MONTHLY REPORT

MAULANA AZAD INSTITUTE OF DENTAL SCIENCES **MOBILE DENTAL CLINIC PROJECT**

**December
2024**

CONTENT

S.No.	Content	Page Numbers
1.	Introduction	03-04
2.	Project's Outreach & Program Implementation Plan (Monthly Schedule)	04-08
3.	Project's Outcome (Dispensaries)	9- 11
4.	Project "NEEV: School Oral Health care Program"	12-17
5.	Project AMMA: Comprehensive oral healthcare for Elderly	18-19
6.	Monthly Cumulative Project's Outcome	20
7.	Health Promotional & capacity Building Activities	21-26
8.	Future <u>Project</u> Activities	27-28

1. MOBILE DENTAL CLINIC PROJECT

Oral health is a fundamental aspect of overall well-being, yet it often remains overlooked in public health discussions. This neglect can lead to significant disparities in health outcomes, particularly among marginalized communities who face barriers such as financial constraints, lack of awareness, and limited access to dental care services¹⁴. Oral health outreach programs are essential in addressing these issues by providing education, preventive care, and early treatment options to underserved populations.

These programs play a crucial role in reducing health disparities by promoting awareness and access to dental care, which can significantly lower the incidence of oral diseases¹³. They also contribute to improving overall health outcomes, as poor oral health is linked to various systemic conditions like cardiovascular disease and diabetes. Furthermore, outreach initiatives enhance the quality of life for individuals by alleviating pain and social stigma associated with oral diseases

Keeping in view of the above facts; Maulana Azad Institute of Health Sciences under GNCT, Delhi initiated Mobile Dental Clinic Project under the umbrella of NHM/DSHM to provide Primary, Preventive, Promotive and Curative oral/ dental health care

to underserved areas of NCT, Delhi on 30th October 2014. It is the “First of its Kind” project in India for Dental Outreach services. Program provides Dental Screening and treatment services, Dental Health Education and Capacity Building activities along with continuous quality assessment along with research.



The Six specially designed Mobile Dental Clinics cater to underserved population of Delhi. The Project aims to achieve the goals of the “Oral Health for All” by improving the access to Primary Oral Health Services. Further, the Project attempts to integrate the existing Health Care delivery services with the dental/oral services through an integrated need based dental care strategy.

The Project has gradually evolved into various sub-components/ sub-initiatives targeting different special groups.

The various sub-initiatives are:

1. Project NEEV: School Oral Health Care Program
2. Project ASHA HUMARI MUSKAAN: Maternal Oral healthcare Program
3. Project AMMA: Comprehensive Oral health care for Elderly
4. Project COPS: Community Oral precancerous lesions screening and Tobacco Cessation Counselling
5. Oral Healthcare for Persons with Disabilities.

2. PROJECT'S OUTREACH

The Project has provided services in 09 (North, West, North-east, East, Shahdara, North-west, Central, South, and South-west) districts of GNCTD.



PRIMARY AND SECONDARY LEVEL OF DENTAL CARE

The Mobile Dental Teams are catering to various areas/districts of Delhi in a scheduled fashion for 05 days in a week (Monday to Friday). For optimum utilization of the Project and patient care; the teams work in coordination currently with the following areas:

- Delhi Govt. Dispensaries
- Schools under Department of Education, GNCT of Delhi
- Central Prisons, Ministry of Home Affairs.
- Capacity Building Programs in collaboration with District ASHA Coordinators in all Districts.
- Senior Citizen Recreational Clubs under the Department of Social Welfare and Social Justice, GNCT of Delhi.
- Telemedicine/Teledentistry Services in collaboration with e-sanjeevani portal.

Currently all teams are reporting directly to the respective locations where they deliver necessary dental services and following that report back to the hospital by 3 pm. These collaborative efforts are done to delivery of Primary, Preventive and Secondary level of dental care services to all vulnerable groups as well as communities across Delhi.

The range of treatment services provided includes:

-
1. Dental Screening
 2. Dental restorations/tooth fillings
 3. Oral Prophylaxis/teeth cleaning
 4. Tooth Extractions
 5. Tobacco cessation counselling
 6. Oral Precancerous /Potentially malignant lesion screening
 7. Preventive Treatment services like pit and fissure sealant applications, fluoride varnishes etc.

~~7,8,8~~ Medication (in liaison with dispensaries) & Referral for tertiary care.

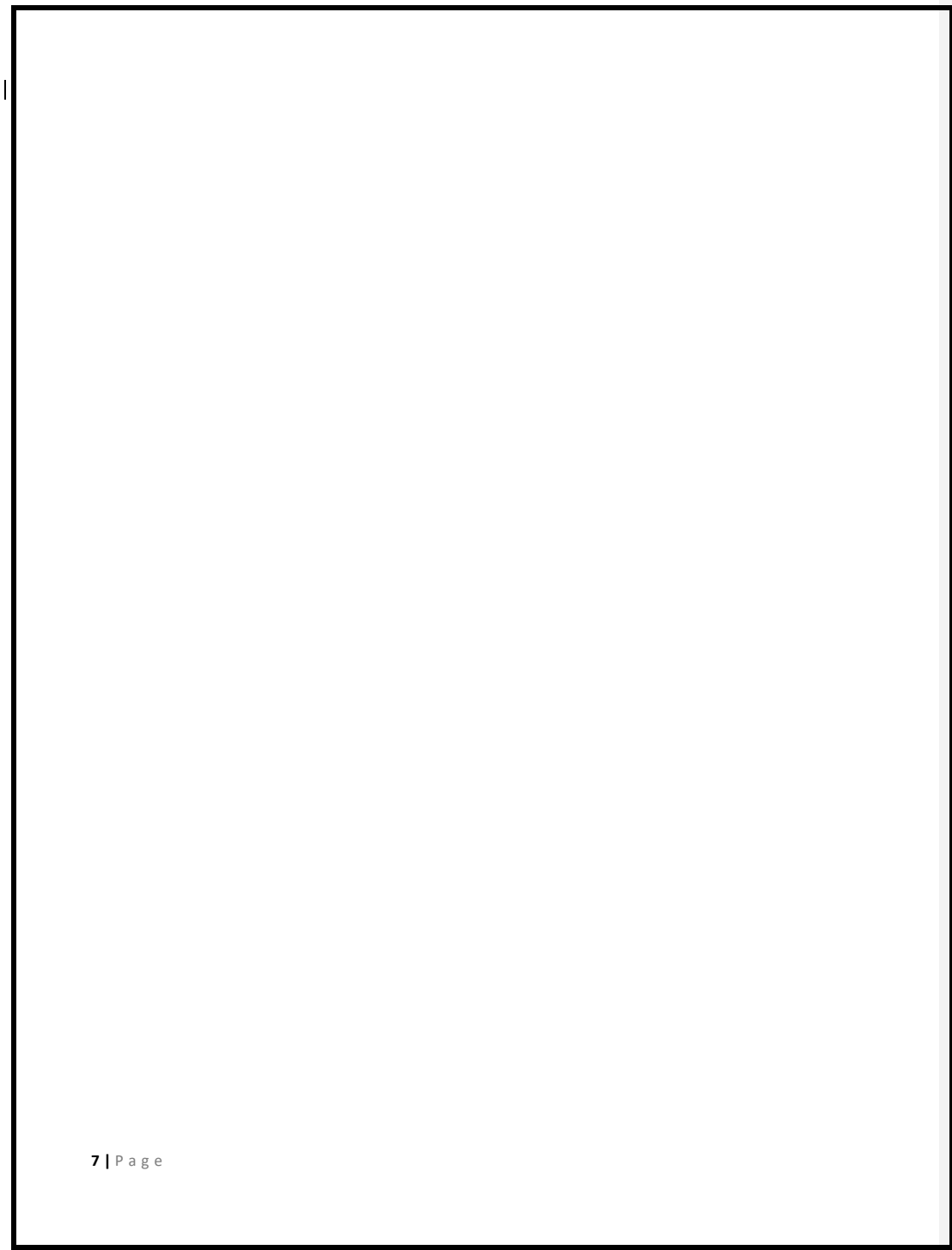
Currently, services of Mobile Dental Clinics are being provided to following Delhi Government Dispensaries on rotational basis:

Cluster	District	Dispensary Location	Distance from MAIDS
Cluster I	North East	SKV West Vinod Nagar	9.1 Km

Cluster II	East Delhi	DGD Vasundhara Enclave	12.3 km
Cluster III	East Delhi	Mayur Vihar Dispensary	17.8 km
Cluster IV	West Delhi	SKV Janakpuri	20.8 km
Cluster V	JAIL	Tihar Jail	19.3 Km
		Rohini Jail	20.7 Km
	JAIL	Mandoli Jail	18.2 Km
Cluster VI	South	GGSSS Pushup vihar	16 km
Cluster VII	South	SKV Saket	16.3 km

The teams from Mobile Dental Clinic Project visit the locations for five days a week in each of the identified dispensaries on rotational basis from 9:30 A.M. to 2 P.M.

- Further, the Vans regularly visit Delhi Govt. Schools as per the schedule for Project NEEV.
- One team visit JAILS i.e. Tihar Jail, Mandoli Jail and Rohini Jail daily from Monday to Friday



MAULANA AZAD INSTITUTE OF DENTAL SCIENCES
MOBILE DENTAL CLINIC PROJECT (NHM)
FIELD SCHEDULE w.e.f. 15/12/2024 to 31/12/2024

Date	Doctors	Team 1	Team 2	Team 3	Team 4	Team 5
16/12/2024	Doctors & Staff Alloted	Dr. Girish Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Manoj Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Tihar Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
17/12/2024	Doctors & Staff Alloted	Dr. Manoj Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Girish Mr. Ram Lal Mr. Kailash	Dr. Nishtha Mr. Shah Rukh
	Location	Mandoli Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
18/12/2024	Doctors & Staff Alloted	Dr. Girish Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Manoj Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Tihar Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
19/12/24	Doctors & Staff Alloted	Dr. Manoj Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Girish Mr. Ram Lal Mr. Kailash	Dr. Nishtha Mr. Shah Rukh
	Location	Rohini Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
20/12/24	Doctors & Staff Alloted	Dr. Girish Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Manoj Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Tihar Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
23/12/24	Doctors & Staff Alloted	Dr. Manoj Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Girish Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Tihar Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
24/12/2024	Doctors & Staff Alloted	Dr. Girish Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Manoj Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Mandoli Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
26/12/2024	Doctors & Staff Alloted	Dr. Manoj Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Girish Mr. Ram Lal Mr. Kailash	Dr. Nishtha Mr. Shah Rukh
	Location	Rohini Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
27/12/2024	Doctors & Staff Alloted	Dr. Girish Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Manoj Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Tihar Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
30/12/2024	Doctors & Staff Alloted	Dr. Manoj Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Girish Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Tihar Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri
31/12/2024	Doctors & Staff Alloted	Dr. Manoj Mr. Arun Dhama Mr. Govind	Dr. Neha Singh Mr. Kuldeep Mr. Ramesh	Dr. Neha Gangil Mr. Devender Mr. Rakesh	Dr. Girish Mr. Kailash Mr. Ram Lal	Dr. Nishtha Mr. Shah Rukh
	Location	Mandoli Jail	DGD Vasundhra Enclave	SKV Vinod Nagar	DGD Mayur Vihar	SKV Janakpuri

All doctors need to communicate to the respective in charges of the locations where they are posted regarding the schedule.

Dr. Vikas
Medical Officer
Mobile Dental
Maulana Azad
MOI/C
18/12/2024

Mobile Dental Clinic Project (NHM)

1. PROJECT OUTCOMES (Dispensaries): DECEMBER 2024

I. Total OPD

1. Primary and Secondary level of Dental Services in Dispensary & Jails

Month	OPD DETAILS	No. of Patients
November 2024	New OPD	913
	Old OPD	451
	Total OPD	1364

II. OPD Distribution

Month	LOCATION	Information	Data
November 2024	OPD DETAILS IN DISPENSARY & JAILS	Total New OPD Dispensary	913
		New Male Patients	678
		New Female Patients	235
		Total Old OPD Dispensary	451
		Old Male Patients	325
		Old Female Patients	126
		Total OPD Dispensary	1364

III. Treatment services provided:

S.No.	Treatment	Number of Patients
1.	Root Canal Treatment Completed	08
2.	Root Canal Treatment in process	12
3.	Oral Prophylaxis-Teeth Cleaning	78
4.	Restoration- Dental Fillings	176
5.	Tooth Extraction	94
6.	Dentures Delivered	13
7.	Oral Health Education	25
8.	Tobacco Use Cessation	15
9	IOPA	25
10	Total Treatment Services	434

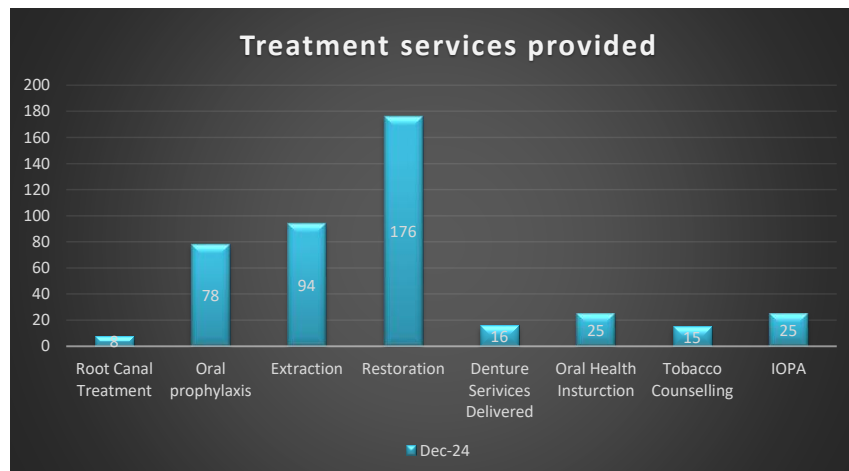


Fig.2 Total No. of patients treated December-2024

1V. Details of Referral services provided:

a)	Total No. of patients for Referral for Higher Centre	Oral Prophylaxis/ Teeth Cleaning	32
		Root Canal	31
		Extraction	62
		Tertiary care.	22

V. Oral Disease Prevalence: December 2024

A. Total No. of patients having Dental Diseases

Disease	0-5yrs		6-15yrs		16-50yrs		51-70yrs		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Dental Caries	00	00	85	41	95	125	79	106	259	272
Gingivitis	00	04	22	35	105	89	25	45	152	169
Periodontitis	00	00	02	00	52	25	22	65	76	90
Malocclusion	00	00	04	00	72	26	32	21	108	47
Oral Cancer & Pre-Cancer Lesion	00	00	00	00	00	00	00	00	00	00
Fluorosis	00	00	00	00	00	00	00	00	00	00
Any other Dental condition (Please mention condition)	00	00	00	00	00	00	00	00	00	00

Location wise Data for the Month of December 2024

S.No	Location	No. of days Visited	Total Patients Screened	Total Patients Treated
1.	Mayur Vihar Dispensary	14	306	148
2.	Vasundhara Enclave	19	471	260
3.	SKV West Vinod Nagar	02	387	--
4.	SKV Janakpuri C1	06	914	--
5.	Tihar Jail	09	310	92
6.	Mandoli Jail	05	196	48
7.	Rohini jail	02	81	35
8.	Oral Health Camp in schools	02	217	--
Total			2882	673

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2. PROJECT NEEV: SCHOOL ORAL HEALTH PROGRAM

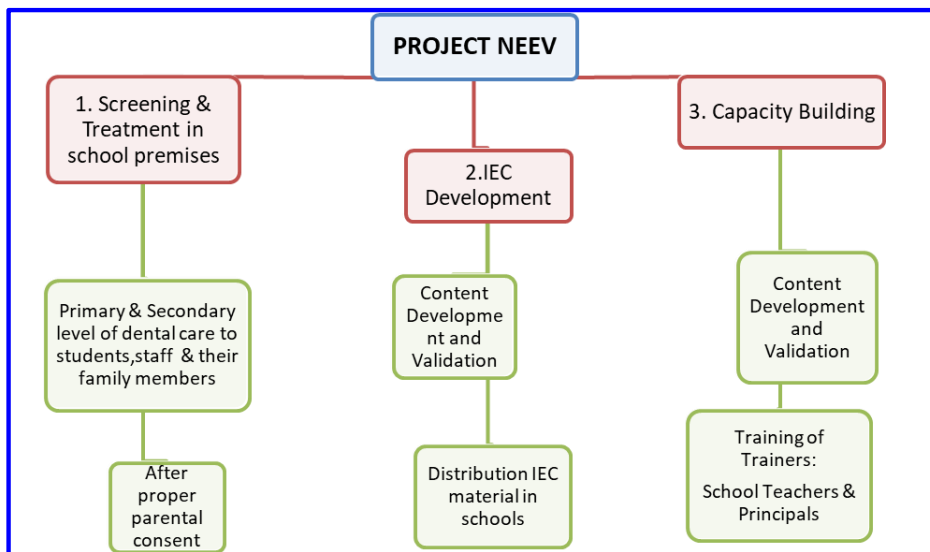


Oral diseases are the most common disease that affects people throughout their life time. The Global Burden of Disease Study 2017 estimated that oral disease affects at least 3.58 billion people worldwide. Oral health is fundamental to general health and well-being. A healthy mouth enables an individual to speak, eat and socialize without experiencing active disease, discomfort or embarrassment. Children who suffer from poor oral health are twelve times more likely to have restricted activity days than those who don't. Schools are microcosms of the larger community. With existing structures and systems in place, schools provide excellent opportunities for integrating oral health into the curriculum that is acceptable, appropriate and effective. Children are receptive to guidance and they are familiar with the learning environment and culture in school. Schools can effectively inform and influence students' oral health knowledge, beliefs, attitudes and behaviour. It is important to target children, particularly at kindergartens and primary schools. Pupils need to acquire knowledge and skills that facilitate a healthy lifestyle and help them cope with social and peer pressure. Children are empowered to take control over their own health early in their lives and are encouraged to develop positive attitudes toward preventive measures

Hence 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, since October 2014. The Program included Dental Health Education and Dental Screening with preventive Dental procedures. One day per week i.e. Wednesday was dedicated to School Oral health program. **It is a comprehensive oral health program for Govt. school children in rural areas encouraging the concept of health Promoting Schools.** Since Feb. 2016, treatment component was also added to provide dental treatment within school premises. It is a comprehensive oral health program for Govt. school children in rural areas encouraging the concept of health Promoting Schools.

Fig. 6: Program Implementation Plan







PROJECT NEEV OUTCOMES:

1. SCHOOL DATA: DECEMBER-2024

School Name	Total no. of visits	Total OPD
SKV West Vinod Nagar	08	387
SKV Janakpuri	18	914
SKV Saket	01	120
GGSSS Pushp Vihar	01	97
Total School OPD	28	1518

2. ORAL DISEASE PREVALENCE:

DECEMBER-2024

A. Total No. of patients having Dental Diseases

Disease	0-5yrs		6-12yrs		13-18yrs		Total		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
Dental Caries	00	00	00	185	00	158	00	343	343
Gingivitis	00	00	00	226	00	220	00	446	446
Periodontitis	00	00	00	178	00	158	00	336	336
Malocclusion	00	00	00	125	00	95	00	220	220
Oral Cancer & Precancerous lesion	00	00	00	0	00	00	00	00	0
Fluorosis	00	00	00	00	25	38	25	38	63
Any other	00	00	00	0	0	0	0	0	
Please mention condition									

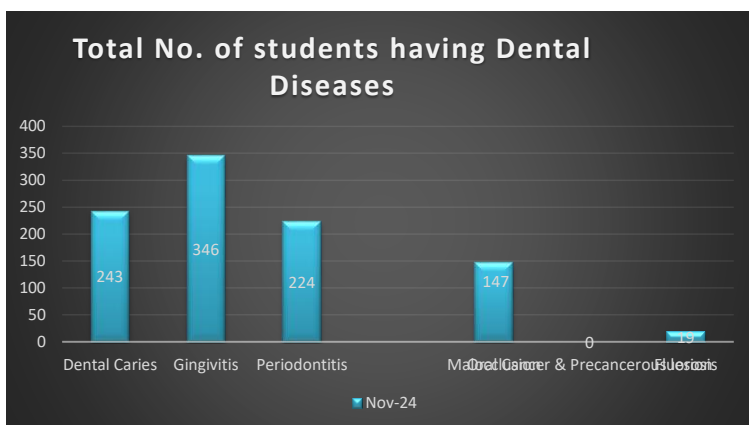


Fig.6 Prevalence of Dental Diseases amongst school students

- b) No. Health Education & Health Promotional Sessions given and details: **45**
c) No. of Health promotional activities conducted: (Brushing Demo) **16**

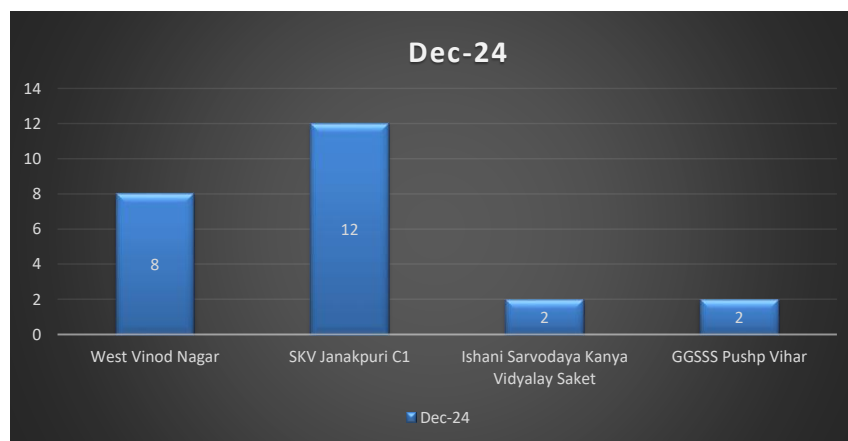


Fig.7 Total No. of Health Education Sessions amongst students

3. PROJECT AMMA: COMPREHENSIVE ORAL HEALTH CARE FOR ELDERLY

The global population is growing as well as ageing. The age structure of the population is changing owing to demographic transition with increasing levels of life expectancy and decreasing levels of fertility in almost all countries, leading to an



increase in both the share and number of older persons across the world. With increasing life expectancy, the burden of Non –Communicable diseases a matter of concern for the community. According to Population Census 2011 there are nearly 104 million elderly persons (aged 60 years or above) in India; 53 million females and 51 million males. 5.9% of the population of Delhi comprises of citizens aged 60+. ¹ The projections indicate that the number of 60+ in Delhi will increase to 24.24 Lakhs in 2026. Continuous increase in life expectancy means that more people are now living longer. ³



Huge burden of Oral Diseases among Geriatric Population:

To cater to the demand of high unmet health needs of geriatric population the concept of Geriatric day/Senior Citizen OPD Day is already existent in Delhi Govt. Dispensaries and Hospitals. However, oral health often remains neglected and an under-served realm. Almost **20%** of the patients reporting to

the OPD of Mobile Dental Clinics belong to geriatric population such that on an average **450 to 500 patients per month** seek dental care in Mobile dental vans. Almost 39% of the patients diagnosed with dental caries and 33% of the patients suffering from gingival/periodontal diseases belong to geriatric population clearly indicating high burden of oral diseases amongst this special group. Almost 14 % of the geriatric population suffer from edentulousness. This not only affects their general health but also affects the quality of life in general. **A considerable number of geriatric populations have limited knowledge of the cause and prevention of oral disease as well.**

Providing primary and secondary level of dental care to the geriatric population through a Comprehensive oral health care Program for Elderly s vital for a country like India which has a significant proportion of elderly population. Hence, considering the huge unmet dental need of the elderly population of GNCTD; the Mobile Dental clinic Project has initiated **PROJECT “AMMA: COMPREHENSIVE ORAL HEALTHCARE PROGRAM FOR THE ELDERLY.”** The program has been initiated with collaboration with Department of Social Welfare & Security which supervises old age homes and Senior Citizen’s Recreation Centers under GNCTD for further coordination and organizing various activities. The Project has expanded its horizon by initiating Free Denture delivery services to the patients of Project AMMA. November 2024 marks the launch of an innovative initiative under Project AMMA of Mobile Dental Clinic Project: “Free Denture Delivery”.

Total No. of Dentures **delivered** in Dec 2024:

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4. CUMULATIVE MONTHLY OPD DATA

Month	Total OPD in Dispensary & Jails	Total OPD in Schools	Total OPD
December 2024	1364	1518	2882

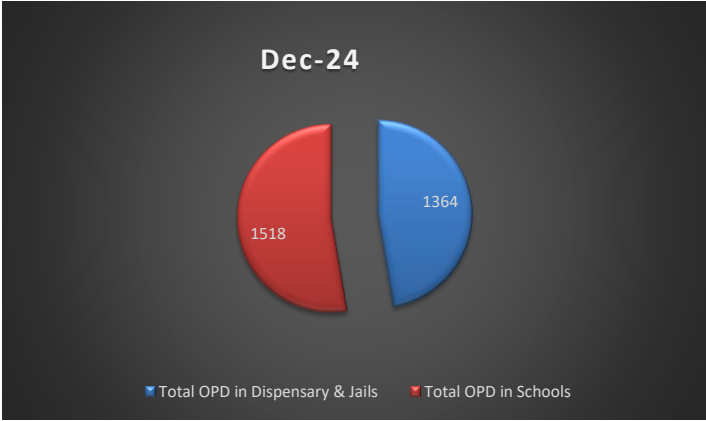


Fig. 9 OPD DETAILS IN DECEMBER 2024

1. Oral health screening camp in Schools:

A dental screening camp was organized at Ishani Sarvodaya Kanya Vidyalaya Saket On 17th Dec 2024 where 120 students were screened and at GGSSS Pushp Vihar on 18th Dec 2024 in collaboration with NOHP South District. 97 students were screened. A total



of 5 health education sessions were conducted. And students were taught proper brushing techniques.

Following the successful camp at Pushp Vihar, the Principal had requested us to screen all their students. Considering their request, screening of students has been started in Pushp Vihar under Project Neev.





2. Health Promotional Activities in school:

Many oral health problems are preventable and their early onset reversible. A considerable number of children and their parents and teachers have limited knowledge of the cause and prevention of oral diseases. Healthy behaviour and lifestyles developed at a young age are more sustainable. Messages can be reinforced throughout the school years.

Hence, the team of Mobile Dental Clinic project organized “Group oral health educational sessions” for the number of school children screened every Wednesday on following screening.

Importance of Oral Health

- a) *Common Oral Diseases*
- b) *Tobacco Cessation*
- c) *How to maintain Oral Health*
- d) *Brushing Technique Demonstration*
- e) *Significance of deciduous teeth*





3. Weekly training sessions:

The **Mobile Dental Clinic Project** conducts weekly training sessions aimed at enhancing the skills and knowledge of doctors and paramedical staff involved in delivering oral healthcare services. These sessions focus on improving clinical expertise, fostering teamwork, and ensuring high-quality patient care.

The training covers various aspects such as advanced diagnostic techniques, modern treatment modalities, patient counseling strategies, and infection control protocols. Real-world scenarios and case studies are integrated to provide practical insights and problem-solving opportunities.

In addition to technical skills, the sessions emphasize effective communication, cultural sensitivity, and adaptability to diverse environments, ensuring that the healthcare providers can address the unique challenges of a mobile clinic setup.

These weekly training sessions are pivotal in ensuring that the team remains updated with the latest advancements in dentistry and continues to provide accessible, efficient, and compassionate oral healthcare to underserved communities.

In the month of Dec. 2024; following sessions were conducted:

S.No.	Date	Topic	Presented By	Supervised By
1.	21-12-2024	<u>Demonstration of</u> Mixing of Alginate and Dental Stone	Dr. Nishtha Shri Saini	Dr. Swati Jain Senior Consultant ,Mobile Dental Clinic Project
2.	28-12-2024	Denture Fabrication	Dr. Girish Sharma	





4. FUTURE ACTIVITIES OF MOBILE DENTAL CLINIC PROJECT

Fabrication of Six New Mobile Dental Clinics: The Mobile Dental Clinic Project envisions to expand its scope by adding **Six New Mobile Dental Clinics** with state-of-the-art dental facilities. The contract for the fabrication of mobile dental clinics has already been awarded to M/s Oxygen-2-Innovation, Private Limited, Noida, Uttar Pradesh after following all codal formalities through the Government e-Market portal. **04 vehicles have been registered.** We are expecting the fabrication work to be complete by end of January 2025 as per current timelines provided by the fabricator.

1. Recently, team from Mobile Dental Clinic Project including Dr. Swati Jain, Senior Consultant, Dr. Shipra Arora, Dental Surgeon, Dr. Annudeep Bajaj, Dental Surgeon team from and Directorate of Health Services Delhi including Dr. Astha visited the workshop of the vendor on 30th Dec. 2024 to inspect the vans for the delivery of the vehicles.
2. It was observed that **04 vehicles are almost ready for delivery as minor changes and overall polishing of the vans was remaining. 05th vehicle had gone for registration and fabrication work was going on in 6th vehicle.**
3. The vendor was again instructed to expedite the process.





4. Condemnation of Old Six Mobile Dental Vans: The validity of old Mobile Dental Vans has expired on 31st March 2024. Thereafter the Mobile Dental Clinic Project has started the process of Condemnation of these vehicles along with the purchase of new 06 Vehicles. For this approval and directions were sought from the Transport Officer, GNCTD initially and as per his directions the vans were then inspected by the team from DTC. The team from DTC had submitted their inspection report and have recommended condemnation of these old vehicles. The report was then shared with Transport Officer. The Transport Officer has then communicated the base price of for condemnation of each vehicle and ad recommended to proceed the condemnation from MSTC. Thereafter, MoU was signed with Metal Scrapping Trading Corporation (MSTC), Govt. of India for condemnation of these vehicles and the vehicles will now be scrapped within next one month.