



MONTHLY REPORT

MAULANA AZAD INSTITUTE OF DENTAL SCIENCES

MOBILE DENTAL CLINIC PROJECT

February
2025

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MOBILE DENTAL CLINIC PROJECT

Health determines the living efficiency of an individual. Oral health is a vital component of overall health of an individual and essential to general health and quality of life across the life span. But it's often neglected and low on priority. The expected rise in burden of oral diseases poses a massive challenge to the



health system in light of increasing unfair and unjust social inequalities in oral health, which have already raised global concerns. Providing comprehensive oral health care to the underserved 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;

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 August 2014. It is the “First of its Kind” project in India for Outreach Dental services. The Program provides Dental Screening and treatment services, Dental Health Education and Capacity Building activities along with continuous research and quality assessment. 06 Mobile Dental Clinics cater to underserved population of GNCT of Delhi. The Project aims to achieve the goals of the “Oral Health for All” through improved access to Primary Oral Health Services. Further, the Project attempts to integrate the existing Health Care delivery services with the dental/oral services under one roof. 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: Linking Maternal and oral health
3. Project AMMA: Comprehensive Oral health care for elderly
4. Project COPS: Community Oral precancerous lesions screening and Tobacco Cessation Counselling
5. Special Care Dentistry

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 Six Mobile Dental Vans/Clinics 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 vans are stationed at /near the Delhi Govt. Dispensaries to ensure proper visibility and pharmacy support from the Dispensaries. All Primary, Preventive and Secondary level of dental care are provided free of cost in Mobile Dental Clinics.

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

Further, all screening and treatment services are provided following COVID-19 infection control protocol.

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	DGD Seelampur	8.8 Km
Cluster II	East Delhi	DGD Vasundhara Enclave	12.3 Km
Cluster III	Shahdara	Polyclinic Kantinagar	11 Km
Cluster III	East Delhi	Mayur Vihar Phase III	17.8 km
Cluster IV	South	SKV Pushp Vihar	16 km
Cluster V	JAIL	Tihar Jail	19.3 Km
		Rohini Jail	20.7 Km
		Mandoli Jail	18.2 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 Teams 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 on a daily basis from Monday to Friday

PROJECT OUTCOMES: Feb. 2025

I. Total OPD

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

Month	OPD DETAILS	No. of Patients
February2025	New OPD	692
	Old OPD	373
	Total OPD	1065

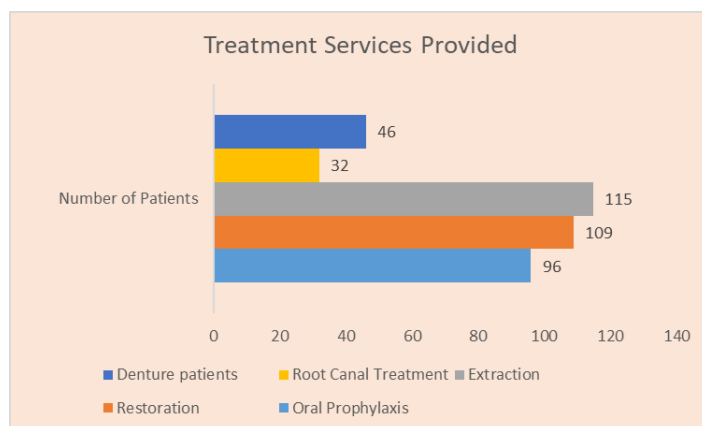
II. OPD Distribution

Month	HEADING	Information	Data
February 2024	OPD DETAILS IN DISPENSARY & JAILS	Total New OPD Dispensary	692
		New Male Patients	429
		New Female Patients	263
		Total Old OPD Dispensary	373
		Old Male Patients	266
		Old Female Patients	107
		Total OPD Dispensary	1065

III. Treatment services provided:

S.No.	Treatment	Number of Patients treated
1	Oral Prophylaxis	96
2	Restoration	109
3	Extraction	115
4	Root Canal Treatment	32
5	Denture patients	46

Fig.2 Total No. of patients treated february-2025



IV. Details of Referral services provided:

1.	Total No. of patients for follow up for	Oral Prophylaxis/ Teeth Cleaning	39
		Root Canal	37
		Extraction	35
		Tertiary care, Complete Dentures, etc.	29

V. Oral Disease Prevalence: Feb. 2025

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	139	104	129	56	353	201
Gingivitis	00	04	72	22	185	106	125	25	382	153
Periodontitis	00	00	02	00	89	115	122	38	213	153
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

2. PROJECT NEEV: SCHOOL ORAL HEALTH PROGRAM

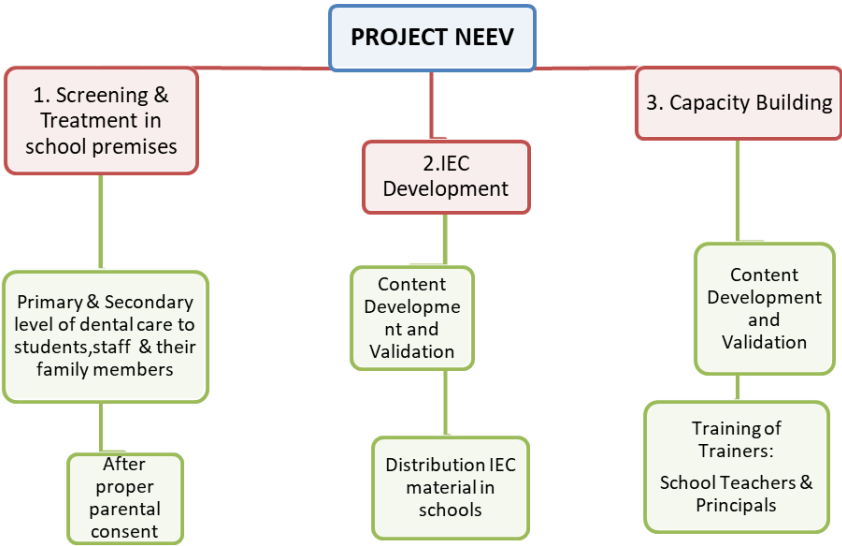


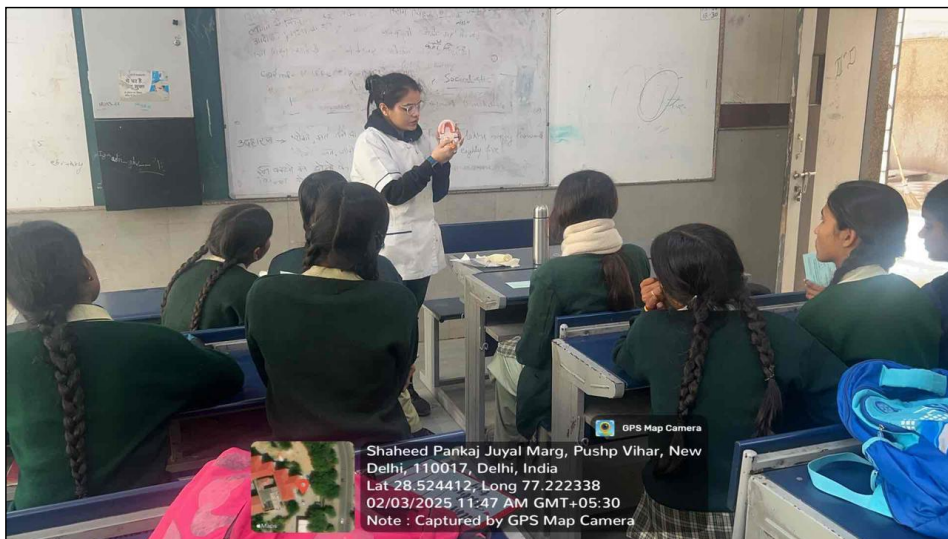
Oral diseases are the most common disease that affects people throughout their life time. The Global Burden of Disease Study 2017 estimated that oral disease affects at least 3.58 billion people worldwide. Oral health is fundamental to general health and well-being. A healthy mouth enables an individual 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 September 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: February 2025

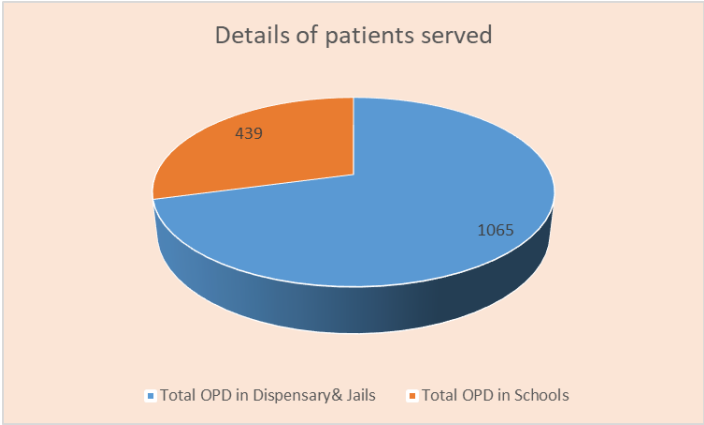
School Name	Total no. of visits	Total OPD
SKV PushpVihar	13	439

2. No. Health Education & Health Promotional Sessions given and details: **08**

3, No. of Health promotional activities conducted: (Brushing Demo) **13**

3. CUMULATIVE MONTHLY OPD DATA

Month	Total OPD in Dispensary& Jails	Total OPD in Schools	Total OPD
Feb. 2025	1065	439	1504



OPD Details in Feb. 2025

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

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 Feb. 2025 : 17



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CAPACITY BUILDING ACTIVITIES

1. 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

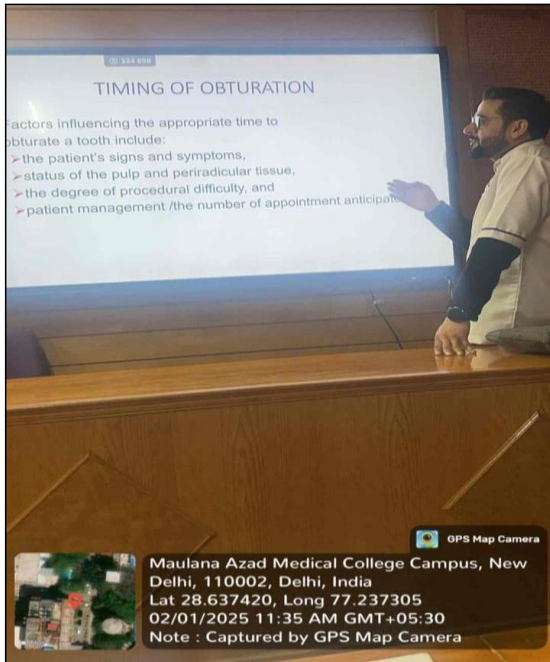
c) How to maintain Oral Health

d) Brushing Technique Demonstration

e) Significance of deciduous teeth



2. Weekly Training Sessions for Mobile Dental Clinic Project Staff



As part of the continuous professional development of the doctors involved in the Mobile Dental Clinic Project, the following training sessions were conducted in February 2025:

1. Root Canal Treatment: Obturation

- o **Date:** 1st February 2025
- o **Trainer:** Dr. Girish Sharma

Dr. Girish Sharma conducted a detailed session focused on the *obturation* phase of Root Canal Treatment (RCT). The session emphasized the importance of three-dimensional sealing of the root

canal system to prevent

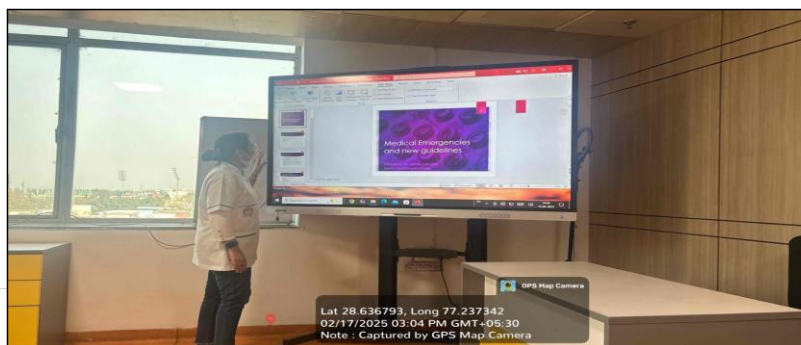
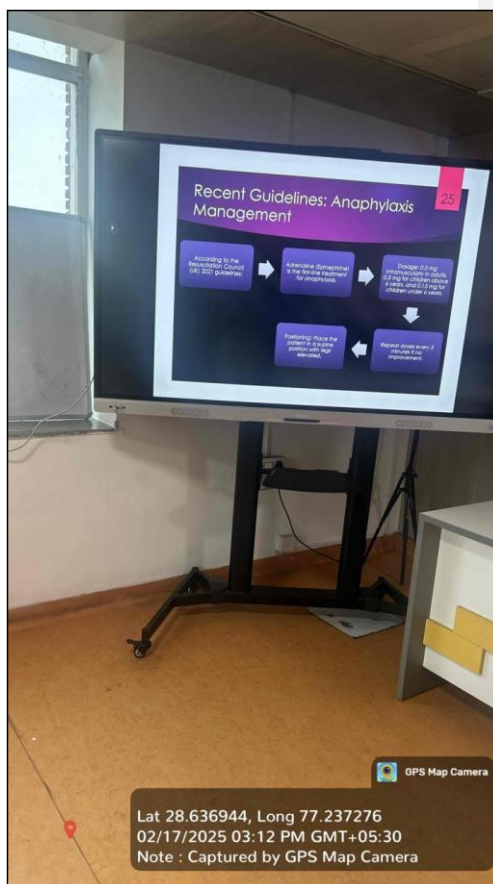


reinfection. Various obturation techniques such as lateral condensation, warm vertical compaction, and thermoplasticized gutta-percha methods were discussed

Emergency Drugs and Its New Guidelines

- **Date:** 17th February 2025
- **Trainer:** Dr. Nishtha
- **Overview:**

Dr. Nishtha led an informative session on the latest guidelines related to emergency drugs in dental practice. The training covered updated protocols for managing medical emergencies such as anaphylaxis, syncope, and cardiac arrest. Emphasis was placed on the correct dosages, routes of administration, and storage of emergency medications. Doctors were also briefed on recent regulatory changes and the importance of regular audits and preparedness drills.



3. Participated and Coordinated Training Cum Review Workshop of District Nodal Officers (NOHP) and Dental Surgeons on “ Program Monitoring & Evaluation including Mobile Dental Project Review “ under NOHP on 6th Feb. 2025:

A Half Day Training cum Review Workshop was organized on 6th February 2025 under the National Oral Health Programme (NOHP), Delhi focusing on *Program Monitoring & Evaluation* with a special emphasis on the Mobile Dental Clinic Project. The workshop aimed to



strengthen the capacity of District Nodal Officers and Dental Surgeons in effectively implementing and evaluating oral health services under NOHP.

Dr. Vikrant Mohanty, MOI/C, Mobile Dental Clinic Project, delivered a comprehensive session on “Integration of NOHP with other National Health Programs”, highlighting synergies and



collaborative opportunities with existing public health initiatives to maximize outreach and impact.



Dr. Swati Jain, Senior Consultant, Mobile Dental Clinic Project, conducted a session on “Program Review and Evaluation of Mobile Dental Clinic Project”, emphasizing the importance of systematic monitoring, data-driven evaluations, and continuous improvement strategies for better service delivery.



Dr. Shipra Arora and Dr. Annudeep Bajaj, Dental Surgeons under the Mobile Dental Clinic Project, were nominated as participants for the workshop and they actively engaged in the discussions and group activities aimed at

improving program implementation at the district level.

The workshop proved to be an insightful platform for knowledge exchange, peer learning, and strategic planning to enhance the effectiveness of oral health programs in the Delhi.



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.



5. 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. Bidding was initiated for the same on 28th Fe. 2025.