

# Mobile Dental Clinic

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# INTRODUCTION

- **Dental surgeons concentrated in urban areas**
- **Demand for dental care in rural areas increasing**
- **Mobile Dental clinics meets these demands**

# MODES OF DENTAL SERVICE DELIVERY

- **Traditional stationary clinics**
- **Portable equipments**
- **Mobile Dental Clinics**

# TRADITIONAL STATIONARY CLINICS

## Advantages

- **Moderate ongoing costs**
- **Efficiency**
- **Comprehensive services**
- **Computer and phone access reliable**
- **Follow up services easy**

# Disadvantages

- **High start-up costs**
- **Patient transportation required**
- **Poor patient attendance is less**
- **Limited population covered**
- **Local business and governance not receptive**

# PORTABLE EQUIPMENTS

## Advantages

- **Low start-up costs**
- **Low ongoing costs**
- **High threshold of population covered**
- **High productivity**
- **Excellent patient attendance**
- **Patients' transportation issues eliminated**



# Disadvantages

- **Limited dental service offered**
- **Liability is with the organiser**
- **Compliance issues with ethics and laws**

# MOBILE DENTAL CLINICS

- **Dental care provided through Dental Units installed in Vehicles.**
- **Comprise :**
  - **one dental surgeon**
  - **one dental auxillary**
  - **other non dental staffs**

# AIMS OF A MOBILE DENTAL UNIT

- **To provide basic dental care among low income families.**
- **To reach the unreached rural population.**
- **To create awareness among people by providing health education.**

- **To identify high risk groups and concentrate in those areas.**
- **To attend to a large number of patients with minimal staff expenditure and minimal overhead.**

# PEOPLE SERVED

- **School children**
- **Mentally challenged**
- **Physically Challenged**
- **Geriatric patients**
- **Lower socio-economic patients**
- **Civilians in remote areas**

# IDEAL REQUISITES

- **Metal custom body construction**
- **Complete insulation**
- **Complete electrical fixation and installed generator**
- **Complete water, air and suction plumbing systems**

- **Interiors should be spacious and cleanable easily**
- **Proper installation and securing of dental equipments**
- **Air conditioning systems**





# TYPES OF MOBILE DENTAL VANS

- Small mobile dental vans
- Large mobile dental vans

## Small mobile dental vans

- **Single dental chair**
- **One operating light**
- **One dental motor**
- **One sterilizer unit**

# Large mobile dental vans



- **Two or more dental chairs with complete units including airtors, 3-way syringes etc**
- **Dental X-ray plant with developing unit**
- **Generator for power supply**
- **Compressors for airtors**
- **Sterilizer unit**
- **Storage place for instruments and medicaments**



# PARTS AND FEATURES OF A MOBILE DENTAL UNIT



- Dental chair mount unit
  - **Halogen light**
  - **Spittoon and tumbler**
  - **Motorized suction unit**
- Airotor point with hand piece
- Three way syringe
- Ultrasonic Scaler
- Multifunctional foot control

- Light cure unit
- Airotor air compressor
  - **with radiator, cooling fan, drier & filter**
- Sterilizing unit
  - **autoclave**
  - **glass bead sterilizer**

- Metal cabinet – **storage**
- Stainless steel instrument tray
- Dental operator's stool
- Dental x-ray unit



# Auxiliary equipments

- **Stabilizer**
- **Generator**
- **Water tank**
- **Oxygen cylinder**
- **Air conditions or fans**
- **Waiting areas with folding seats**



- **Public address system**
- **Health education videos**
- **LCD projectors**
- **Demonstration models**



Elevators for lifting the handicapped



Retractable motorized shelter outside the coach

# MERITS AND DEMERITS

## Merits

- **Moderate start up costs**
- **Wider accessibility**
- **Excellent patient attendance**
- **Children treated without parents' attendance**
- **Patients' transportation issues eliminated**
- **Decreased missed appointments**

# Demerits

- **High ongoing costs**
- **High administrative needs**
- **High productivity difficult Permission from the concerned authorities**
- **Limited parking area for dental vans**
- **Computer and phone access difficult**
- **Weather related problems - hinder dental service**
- **Follow up service difficult**

# MAINTENANCE

- **Van & equipments – well maintained**
- **Maintenance varies with type of unit & geographic area covered**
- **Equipments sterilized, medicaments restored**
- **Vans must be protected against extreme climatic conditions**

# MOBILE DENTAL PROGRAMMES IN INDIA

**Smile On Wheels**

**The Prasad Project**





# Mobile Van Dental Camp Check List

## VEHICLE

- Fitness
- Fuel
- Functions

# JOURNEY

- Trip Plan
- Route Map
- Phone Numbers

# DENTAL TEAM

- Posting list
- Contact Numbers
- Instructions

# ARMAMENTARIUM

- Equipments
- Instruments
- Materials

## MISCELLANEOUS

- Patient apron
- Green cloth
- Turkey
- Torch light
- Buckets and cups

# CONCLUSION

- **Mobile dental clinic offers Availability ,Accessibility, Affordability and Acceptability for dental treatments.**
- **It helps in overcoming the unmet back lags of dental treatments among the rural population.**

