

# Stress-free Dentistry

An opportunity for you to offer your patients  
high standard of Monitored Anaesthetic Care



# How does MAC Sedation Centre work?

We know some of your patients, especially young children, may be anxious or even fearful concerning dental treatment or relatively invasive procedures. However, most dental surgeons do not have the set up for sedation procedures because of space, cost and staff training.

We are set up to provide the highest standard of SEDATION facilities in a private practice environment so that dentists or specialists can rent our specially equipped rooms to carry out treatment in a calm, compassionate and caring manner for their own patients.

We co-ordinate with Specialist Anaesthesiologists to assist you with the advanced sedation and anaesthesia techniques. Our treatment rooms are fully equipped that also carries intra-oral cameras and the latest digital radiography equipment.

**We are here to provide both you and your patients easiest access to SAFE SPECIALIST SEDATION for dental treatment.**

## Unique Room Rental Service for Sedation

We

- co-ordinate with anaesthesiologist of the dentist's choice
- prepare the equipment according to dentist's preference
- provide patient education on MAC sedation
- provide qualified staff for the sedation & dental treatment

To ensure the treatment safety & smoothness, we have...

### Anaesthesiologist

Our anaesthesiologists are qualified Specialists trained with at least 5 years post fellowship experience to administer anaesthesia. They will assess the patients before the procedures, monitor their condition during the whole treatment, and carefully observe them until they have recovered from the sedation.

### Registered Nurse

Most of our nurses are locally licensed registered nurses, who are competent in assisting the anaesthesiologists performing Monitored Anaesthetic Care (MAC) and providing holistic patient care during the procedures. Ensuring patient safety, comfort and relieving patients' anxiety are their main roles.

### Qualified Dental Nurse

Our dental nurses are well-trained and qualified in Basic Life Support (BLS). Some of them graduated from Prince Phillip Dental Hospital (PPDH). They can support dentists in all aspects of patients' dental care.

We are NOT just a dental clinic.....  
 We are a dedicated sedation facility and more.

## Our other facilities



## Our other services

We have also installed equipment of the highest standard for your dental procedures, from minor treatment to digital impressions or complex surgeries like wisdom teeth extractions, implant placement or sinus lift operations, with or without the aid of sedation care.

Room Rental  
 (for non-sedation cases)

Same Day Restoration

Digital Impression

Surgical Guide

~ Please contact our clinic manager to learn more how we can work with you and your patients ~



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## What is MAC ?

M A C

Monitored

Anaesthetic

Care

MAC Sedation in conjunction with local anaesthesia achieves many of the similar goals as general anaesthesia. It carries the advantage of invoking less physiologic disturbance and allowing for a more rapid recovery and discharge. While requiring patient acceptance and cooperation, it often leads to greater patient satisfaction. By using drugs with favourable pharmacokinetic profiles, many outpatient procedures can be performed under a MAC technique.

## How SAFE is MAC Sedation?

The choice of techniques is very personal, but the main consideration is that of a rapid recovery from the sedation. Thus, the pharmacokinetic profile of the most suitable drugs will have the most rapid elimination phase ( short half-life ). The drugs of choice of our centre are Sevoflurane for inhalational induction and Propofol for intravenous induction. Maintenance of sedation would be by Total Intravenous Anaesthesia - Monitored Anaesthesia Care (TIVA-MAC) Propofol. Suitable adjunct drugs are also used and include Fentanyl, Remifentanyl, and Midazolam. The pharmacokinetic profile of these drugs results in very rapid elimination making them most suitable for day-case procedure.



## Our equipment for MAC administration & monitoring

We have the latest vital sign monitors for monitoring patient's health conditions. Not only that we measure the Blood Pressure, Pulse and Oxygen level, but we will measure the exhaled CO2 level which is an even earlier indicator of respiratory inadequacy.

We have syringe pumps for providing a safe and convenient means for intravenous propofol administration. However, anticipating a considerable number of paediatric cases, we have available Fraser MATRX machine for the administration of nitrous oxide / oxygen (relative analgesia), allowing needle-free induction for paediatric patients.



## Our contingency equipment

The centre is fully equipped for resuscitation according to the guidelines for procedural sedation recommended by:

- Hong Kong Academy of Medicine
- Hong Kong College of Anaesthesiologists



## How do we charge?

The Rental of the MACSC rooms and the sedation facility is calculated on hourly basis. We will only send the charges together with the Anaesthesiologist's charge to the dentists. We do not collect any fees from patients.

The rooms can also be rented out for non-sedation cases such as Cases for Same Day Restorations using our intra-oral scanners.

CBCT can also be provided for individual patients.

All the service charges will be listed on our price list. Please feel free to contact our clinic manager for details.

## What you need to do?

If you are interested in taking your dental treatment at MAC Sedation Centre, please prepare the following documents:

- Certificate of Registration
- Annual Practising Certificate
- Irradiating Apparatus license
- MPS certificate