

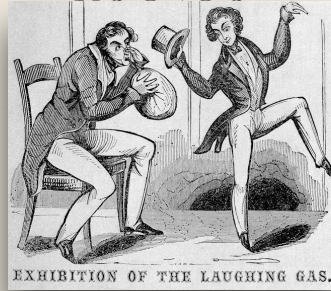
## SEDATION

- State during which patients' cognitive function and co-ordination are impaired.
- Airway reflexes, cardiovascular and respiratory functions are unaffected.
- Patients respond normally to verbal commands.

*A positive experience for both the patient and the clinician!!!!*



## SEDATION WITH



- Provides anxiety and pain relief and enhances comfort during dental treatment.
- It is titrated to the required level, accommodating patients' physiologic and psychologic needs.
- It is eliminated from the body immediately once its use is halted.
- It causes a sensation of warmth, tingling of hands and feet and relaxation of the limbs.



## INDICATIONS

- Very young children (aged >3yrs)
- Anxious and fearful patients but co-operative.
- Patients with gag reflex
- Patients with special needs (e.g. muscular tone disorder) and medically compromised patients.

Not indicated for:

uncooperative children, children with mental health issues, mouth breathers, patients with current upper respiratory tract infections and chronic obstructive pulmonary disease.



## EQUIPMENT

- Delivers a mixture of N<sub>2</sub>O and O<sub>2</sub>, a colorless and odourless gas with a slightly sweet smell.
- Modern equipments allow no more than 70% N<sub>2</sub>O and 30% O<sub>2</sub> to be delivered.
- Patient breathes normally through a nose mask.
- Protective reflexes, such as cough and gag reflex, remain intact



## SIDE EFFECTS

*The easiest and safest sedative in dentistry.*

- Quickly and easily reversed.
- Recovery is complete.
- Few side effects, such as nausea, drowsiness and sweating have been reported.
- Most negative experiences have been associated with over-sedation.

*N<sub>2</sub>O/O<sub>2</sub> sedation may not provide the desired effect to every patient, nor it is an option for every patient.*



## SPECIAL CONSIDERATIONS

- Fasting for 2hr before administration.
- Inform your dentist if your child has blocked nose or respiratory tract infection the day before.



***Refer to your paediatric dentist for further information.***



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