

Behavior Management for the Pediatric Dental Patient

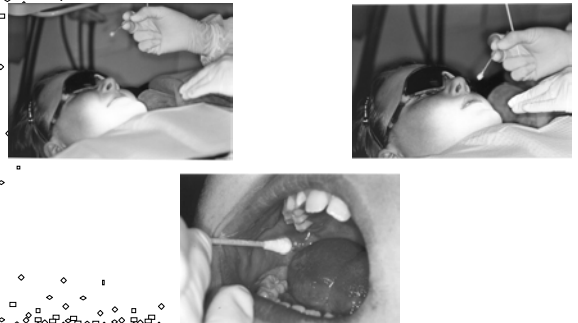
Behavior Shaping

- ¶ Non-pharmacological methods
 - ⊗ Tell-Show-Do
 - ⊗ Modeling
 - ⊗ Using parents as leverage
 - ⊗ Restraints
 - ⊗ Aversive techniques - HOM
- ¶ Pharmacological methods
 - ⊗ Nitrous Oxide-Oxygen
 - ⊗ Sedation's : Oral, IV
 - ⊗ GA

"Tell-Show-Do"

- ¶ Developed by Addelston in 1959.
 - ⊗ Tell it !
 - ⊗ Show it !
 - ⊗ Do it !
- ¶ Always be honest !
- ¶ Never sneak things up on kids !

Tell-Show-Do



Parental Leverage

- ¶ Sometimes, need to use parents as leverage to obtain appropriate behavior.
- ¶ Get informed/implied consent from parents.
- ¶ Explain procedure to the parents first.
- ¶ Parents sent out immediately when child cries.
- ¶ Bring parent back when child stops crying.

Modeling



- ¶ Use an older sibling or child to model for an apprehensive patient.
- ¶ Best to use someone they look up to.
- ¶ Very effective in families that have 2 or more kids.

Restraints

- ⌘ Can be used for anesthesia administration.
- ⌘ Informed consent prior to use.
- ⌘ Human - parents, assistant.
- ⌘ Sensitive about the use of the word.
- ⌘ Can be called a "positioner".
- ⌘ e.g. : Papoose Board, Pedi-Wrap, Molt mouth props etc.

Human Restraints

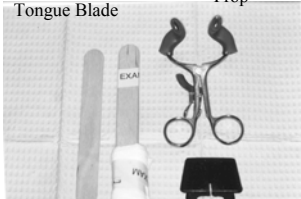


Restraints



Padded/Non-Padded
Tongue Blade

Molt's Mouth
Prop



Rubber Bite
Block

Aversive Techniques

- ⌘ Hand over Mouth and Airway - not used anymore.
- ⌘ Hand over Mouth Exercise (HOME) only.
- ⌘ Informed consent must be obtained prior to use.
- ⌘ Never use on a frightened child.
- ⌘ Rarely used. Legal Issues.

Hand Over Mouth Technic

- ⌘ Used for an extremely uncooperative-defiant-hysterical child.
- ⌘ Hand placed over the mouth to muffle screaming.
- ⌘ Talk very softly close to the ears.
- ⌘ Place hand back if child starts screaming again. Keep repeating until cooperative.
- ⌘ Always be in control of your emotions.

Pharmacological Methods

- ⌘ Nitrous Oxide-Oxygen
- ⌘ Premedication
- ⌘ Conscious Sedation
- ⌘ General Anesthesia

Nitrous Oxide-Oxygen

“Laughing gas”.

- One of the safest pharmacologic methods of behavior management.
- Very few adverse effects, easily removed from the lungs in <4 minutes.
- Special equipment required.
- Will not work for a defiant child.
- Cannot replace local anesthesia.

Nitrous Oxide-Oxygen

Indications :

- reduce fear in an anxious or apprehensive patient.
- to raise the pain threshold.
- w/ conscious sedations.

Contra-indications :

- defiant child.
- to replace poor behavior management technic or local anesthesia.
- upper respiratory infections.
- psychiatric disorders.
- h/o motion sickness and vomiting.

Nitrous Oxide-Oxygen



Premedication



- Can give mild sedative night before or the morning of the appointment.
- Rarely done for very young children.
- Can be used to teenage children.
- Common Drugs: Valium.

Conscious Sedations

- Sedative drug (Oral/Nasal/IV/IM/Rectal) + Nitrous.
- Special training required in several states.
- Patient is able to maintain their own airway. Can cry during procedure.
- Advantages : retrograde amnesiac properties of the drugs commonly used.

Monitoring for Conscious Sedation



Pulse Oximeter



Dynamap



Finger Probe

General Anesthesia



- ‡ Completely under, (Oral/Nasal) endotracheal tube to maintain respiration.
- ‡ Usually done in a Hospital.
- ‡ Anesthesiologist or anesthetic nurse required.
- ‡ Special training and hospital privileges required.

General Anesthesia

Indications :

- ⊙ extremely young child with rampant caries.
- ⊙ handicapped children
- ⊙ extremely fearful children
- ⊙ any systematically complication condition e.g. congenital heart condition etc.

Risks

‡ Written consent

‡ Medical clearance - Pediatrician, Anesthesia.

General Anesthesia



Intra-nasal Intubation



General Anesthesia

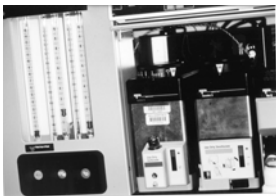


Capnograph Monitor



ECG Monitor

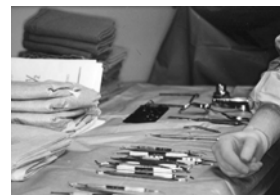
General Anesthesia



Anesthesia Machine



General Anesthesia



Sterile Dental Instruments



Scrub RN

General Anesthesia



Dental Materials



General Anesthesia



Handpiece Cart



X-Ray Machine