

Fire Evacuation Plan for Outpatient Dental Sedation Clinic

University at Buffalo School of Dental Medicine, Buffalo NY

Research supported by The Department of Pediatric & Community Dentistry

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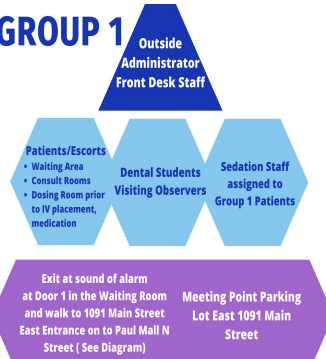


Background

We sought to develop a Fire Evacuation Plan (FEP) for University Pediatric Dentistry's sedation clinic, considering pertinent aspects of care gleaned from a literature review. A specialized FEP is necessary to address patients who are sedated, requiring monitoring and airway support during evacuation.

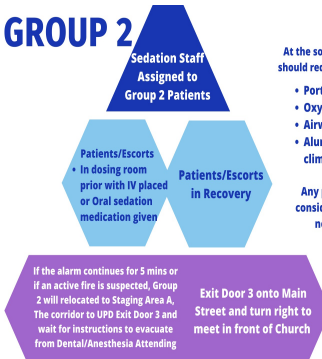
After performing a literature review of five articles outlining guidelines for emergency evacuation of outpatient sedation and surgical clinics, we identified relevant guidelines necessary for safe discharge of patients and formulated an initial FEP. The FEP is specific to our local climate, as well as our staff and clinic layout. Evacuation timing is based upon three group assignments and patients' level of sedation at time of evacuation

GROUP 1



No Equipment Required

GROUP 2



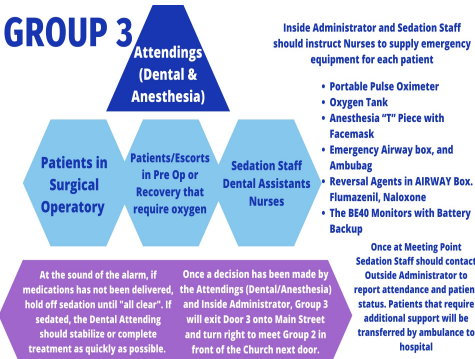
At the sound of alarm, Sedation Staff should request equipment from Nurses

- Portable Pulse Oximeter
- Oxygen Tank
- Airway Box
- Aluminum Blanket during inclement weather

Any patient requiring oxygen is considered to be Group 3 and may not exit with Group 1 or 2

Once at Meeting Point Sedation Staff should contact Outside Administrator to give attendance and patient status

GROUP 3



Inside Administrator and Sedation Staff should instruct Nurses to supply emergency equipment for each patient

- Portable Pulse Oximeter
- Oxygen Tank
- Anesthesia "T" Piece with Facemask
- Emergency Airway box, and Ambubag
- Reversal Agents in AIRWAY Box. Flumazenil, Naloxone
- The BE40 Monitors with Battery Backup

Once at Meeting Point Sedation Staff should contact Outside Administrator to report attendance and patient status. Patients that require additional support will be transferred by ambulance to hospital

Emergency Airway Supplies

Airway Box

- Ped/MED/Adult Facemasks
- Needles X3
- Naloxone X1
- Flumazenil X1
- MAD Device X3
- Oral Airway Box (50-90)

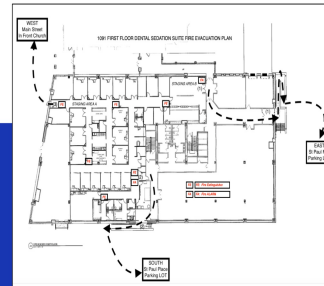
Ambubag

- Pediatric and Adult (Choose appropriate size)
- Portable Oxygen
- Pulse Oximeter

MISC

- Evacuation Bag (for equipment and paperwork)
- Aluminum Sheets for inclement weather
- IV Pole attached to Chair

DIAGRAM



Once a decision has been made by the Attendings (Dental/Anesthesia) and Inside Administrator Group 3 will exit Door 3 onto Main Street and turn right to meet Group 2 in front of Church

Future Plans

We intend to present the Fire Evacuation Plan to staff in a formal lecture and perform a drill based on predetermined patient scenarios. A pre and post test will be given to each staff to establish baseline knowledge of emergency procedures and learned protocol. The Fire Plan will be adjusted as needed. The lecture, tests and drill will reoccur annually.