

THE PROBLEM

Sedation relaxes the tongue and soft tissues which can lead to obstruction of the airway. Coughing, gagging and bleeding can result from using an oral or nasal airway.

HYPNOZ THERAPEUTIC DEVICES, INC.

Hypnoz Therapeutic Devices is located in San Diego, California. Our objective is to design, create and manufacture devices that improve safety in patients receiving sedation or general anesthesia. Our inaugural product, the Jaw Elevation Device — JED — is patent pending.



A HANDS-FREE DEVICE TO ASSIST PROVIDERS IN MAINTAINING AN OPEN AIRWAY



THE SOLUTION

The Jaw Elevation Device (JED) is an externally applied, non-invasive device which assists the provider in maintaining an open airway in situations when breathing may be compromised.



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The Jaw Elevation Device from Hypnoz:

Assisting the Provider in Maintaining an Open Airway—Hands Free!

The Jaw Elevation Device (JED) is an externally applied, non-invasive device which assists the provider in maintaining an open airway in situations when breathing may be compromised.

The JED may be used during any diagnostic or therapeutic procedure that requires analgesics or sedatives for patient comfort. It is applicable in operating rooms, office practices, oral surgery/dental offices, interventional radiology suites, MRIs or ambulances. The JED may be left in place as patients recover from their procedure to assist in maintaining the airway until sedation wears off.

Sedation relaxes the tongue and soft tissues around the airway which commonly leads to airway obstruction. Preventing airway obstruction is critical for patient safety: more than 40% of insurance claims associated with monitored anesthesia care (MAC) involve failures to ventilate that lead to death or permanent brain damage.



The JED may be used to hold the patient in the proper position for mask ventilation or fiber-optic intubation.

INCREASED PATIENT SAFETY AND COMFORT

Coughing, gagging and bleeding can result from using an oral or nasal airway. The JED eliminates these risks, providing a safer and more comfortable experience for the patient. Delivering a comfortable level of analgesia and sedation is made safer and easier during MAC anesthesia because the airway remains open and unobstructed.



THE JED—A HANDS-FREE SOLUTION

The JED is an externally applied, non-invasive device comprised of a three-way adjustable apparatus that mechanically creates jaw-thrust. Once positioned, the JED maintains jaw-thrust and allows the provider a hands-free solution to keep the airway open.

Convenient and easy to apply, the JED lifts the patient's head to flex the neck, and then elevates the mandible while rotating the head backwards, creating the classic sniffing position. Once the JED has been locked into place, the airway is held open, permitting the provider to maintain an airway without the need to manually hold the jaw open.

JED PROVIDES THESE BENEFITS:

- Assists the provider in maintaining an open airway in sedated or anesthetized patients without the need for airway instrumentation
- Frees medical personnel from the need to hold the jaw manually in sedated or obtunded patients
- When left in place after a procedure, reduces post-operative airway complications
- Non-invasive and easy to apply
- Provides a reusable head support, eliminating the need for blankets, towels or donuts.

JED APPLICATIONS:

- Operating Rooms
- Recovery Rooms
- Office Practices
- Oral Surgery/Dental Offices
- Interventional Radiology Suites
- MRI

"The JED is the first non-invasive device that will maintain a patent airway in patients receiving light or deep sedation.

The JED eliminates the need for external manipulation (jaw-thrust) or internal airway support (oral airways, nasal trumpets) and securely maintains spontaneous ventilation as sedation is adjusted to match surgical or procedure stimulus."

William Mazzei, MD

Director and CMO

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