LARYNGEAL MASK AIRWAY WITH ARTICULATING TIP

MEDICAL DEVICES
Laryngeal Mask Airway with a tip that can be articulated for more accurate placement on the first attempt.

TECHNOLOGY TYPE
Class I/II
Anesthesiology
Laryngeal Mask Airway
Intubation

STAGE OF DEVELOPMENT
- Initial prototype in development.
- Design optimization and clinical testing still required.

TECHNOLOGY SUMMARY
Anesthesiologists use laryngeal mask airways (LMAs) to keep a patient’s airways open during procedures that require general anesthesia to create a seal over the vocal cords. LMAs go past the tongue and get stuck roughly 30 percent of the time, requiring the anesthesiologist to reach into a patient’s throat with their finger to correctly place the LMA or to remove the device and start over. After two failed attempts, intubation is performed, which increases risks for the patient. A new LMA with an articulating tip can be correctly placed with a single hand. This reduces the likelihood of intubation and increases patient comfort.

FEATURES AND BENEFITS
- Increases speed and consistency of LMA placement.
- Facilitates placement of LMA with one hand.
- Reduces intubations and adverse events.
- Eliminates workflow disruptions.

IP PROTECTION
Provisional Patent Filed

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Reference Number: U-6310

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