

AIR-Q® AND AIR-Q3® CLINICAL STUDIES SUMMARY



AIR-Q3 STUDY

1. A PROSPECTIVE CROSSOVER STUDY COMPARING SIX CURRENT GENERATION SUPRAGLOTTIC AIRWAY DEVICE'S ABILITY TO SEAL DURING CPR IN HUMAN CADAVERS

[https://www.jem-journal.com/article/S0736-4679\(24\)00266-X/abstract](https://www.jem-journal.com/article/S0736-4679(24)00266-X/abstract)

VS. AMBU AURA-I

2. COMPARISON OF THE AMBU AURA-I WITH THE AIR-Q INTUBATING LARYNGEAL AIRWAY AS A CONDUIT FOR FIBEROPTIC-GUIDED TRACHEAL INTUBATION IN CHILDREN WITH EAR DEFORMITY

<https://pubmed.ncbi.nlm.nih.gov/28065228/>

VS. AMBU AURA-I

PEDIATRICS

3. A RANDOMIZED TRIAL COMPARING THE AMBU® AURA-I™ WITH THE AIR-Q™ INTUBATING LARYNGEAL AIRWAY AS CONDUITS FOR TRACHEAL INTUBATION IN CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/22971118/>

VS. AMBU AURA-I

INFANTS

4. COMPARISON OF AIR-Q AND AMBU AURA-I FOR CONTROLLED VENTILATION IN INFANTS: A RANDOMIZED CONTROLLED TRIAL

<https://pubmed.ncbi.nlm.nih.gov/25917434/>



VS. AMBU AURAGAIN

5. COMPARISON OF THE AIR-Q INTUBATING LARYNGEAL MASK AIRWAY AND THE AMBU AURAGAIN LARYNGEAL MASK AIRWAY AS A CONDUIT FOR FIBEROPTIC ASSISTED ENDOTRACHEAL INTUBATION FOR SIMULATED CERVICAL SPINE INJURY

<https://pubmed.ncbi.nlm.nih.gov/34006053/>

VS. AMBU AURAGAIN

BLIND INTUBATION

6. A STUDY TO COMPARE AIR-Q INTUBATING LARYNGEAL AIRWAY WITH AMBU AURAGAIN LARYNGEAL MASK FOR BLIND TRACHEAL INTUBATION USING PARKER FLEX-TIP TUBE

<https://pubmed.ncbi.nlm.nih.gov/35340953/>

VS. COMPETITOR SGA

7. COMPARISON OF POSITIONAL SHIFT OF SUPRAGLOTTIC DEVICES RESULTING FROM CHEST COMPRESSIONS: SIMULATION USING A MANIKIN AND AUTOMATED CHEST COMPRESSION SYSTEM

<https://pmc.ncbi.nlm.nih.gov/articles/PMC5667215/>

VS. COMPETITOR SGA

8. EVALUATION OF THE EFFICACY OF SIX SUPRAGLOTTIC DEVICES FOR AIRWAY MANAGEMENT IN DARK CONDITIONS: A CROSSOVER RANDOMIZED SIMULATION TRIAL

<https://pubmed.ncbi.nlm.nih.gov/26206177/>



VS. INTERSURGICAL I-GEL

9. PROSPECTIVE, RANDOMIZED COMPARISON OF THE I-GEL AND THE SELF-PRESSURIZED AIR-Q INTUBATING LARYNGEAL AIRWAY IN ELDERLY ANESTHETIZED PATIENTS

<https://pubmed.ncbi.nlm.nih.gov/30320644/>

VS. INTERSURGICAL I-GEL

10. A COMPARISON BETWEEN THE I-GEL® AND AIR-Q® SUPRAGLOTTIC AIRWAY DEVICES USED FOR THE PATIENTS UNDERGOING GENERAL ANESTHESIA WITH MUSCLE RELAXATION

<https://pubmed.ncbi.nlm.nih.gov/30581857/>

VS. INTERSURGICAL I-GEL

PEDIATRICS

11. A RANDOMIZED COMPARISON BETWEEN THE I-GEL™ AND THE AIR-Q™ SUPRAGLOTTIC AIRWAYS WHEN USED BY ANESTHESIOLOGY TRAINEES AS CONDUITS FOR TRACHEAL INTUBATION IN CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/25537736/>

VS. INTERSURGICAL I-GEL

PEDIATRICS

12. A COMPARISON OF SUPRAGLOTTIC DEVICES IN PEDIATRIC PATIENTS

<https://pubmed.ncbi.nlm.nih.gov/30319293/>



VS. INTERSURGICAL I-GEL & AMBU AURA-I

INFANTS

13. SIMULATION ANALYSIS OF THREE INTUBATING SUPRAGLOTTIC DEVICES DURING INFANT CHEST COMPRESSION

<https://pubmed.ncbi.nlm.nih.gov/25711262/>

VS. INTERSURGICAL I-GEL & AMBU AURAGAIN

PEDIATRICS

14. THE DISTANCE BETWEEN THE GLOTTIS AND THE CUFF OF A TRACHEAL TUBE PLACED THROUGH THREE SUPRAGLOTTIC AIRWAY DEVICES IN CHILDREN: A RANDOMIZED CONTROLLED TRIAL

<https://pubmed.ncbi.nlm.nih.gov/31415305/>

VS. INTERSURGICAL I-GEL & TELEFLEX LMA SUPREME

15. COMPARISON OF OROPHARYNGEAL LEAK PRESSURE OF AIR-Q™, I-GEL™, AND LARYNGEAL MASK AIRWAY SUPREME™ IN ADULT PATIENTS DURING GENERAL ANESTHESIA: A RANDOMIZED CONTROLLED TRIAL

<https://pubmed.ncbi.nlm.nih.gov/29033717/>

VS. INTERSURGICAL I-GEL & TELEFLEX LMA FASTRACK

16. UTILITY OF THE AINTREE INTUBATION CATHETER IN FIBEROPTIC TRACHEAL INTUBATION THROUGH THE THREE TYPES OF INTUBATING SUPRAGLOTTIC AIRWAYS: A MANIKIN SIMULATION STUDY

<https://pubmed.ncbi.nlm.nih.gov/24132594/>



VS. TELEFLEX LMA FASTRACK

17. AIR-Q® VERSUS LMA FASTRACH™ FOR FIBEROPTIC-GUIDED INTUBATION: A RANDOMIZED CROSS-OVER MANIKIN TRIAL

<https://pubmed.ncbi.nlm.nih.gov/29217156/>

VS. TELEFLEX LMA FASTRACK

GENERIC USE ILA

18. COMPARISON OF SUCCESS RATE OF INTUBATION THROUGH AIR-Q WITH ILMA USING TWO DIFFERENT ENDOTRACHEAL TUBES

<https://pubmed.ncbi.nlm.nih.gov/27141106/>

VS. TELEFLEX LMA PROSEAL

19. THE AIR-Q® INTUBATING LARYNGEAL AIRWAY VS THE LMA-PROSEAL™ : A PROSPECTIVE, RANDOMIZED TRIAL OF AIRWAY SEAL PRESSURE

<https://pubmed.ncbi.nlm.nih.gov/21880031/>

VS. TELEFLEX LMA PROSEAL

20. COMPARATIVE EVALUATION OF AIR-Q BLOCKER AND PROSEAL LARYNGEAL MASK AIRWAY IN PATIENTS UNDERGOING ELECTIVE SURGERY UNDER GENERAL ANESTHESIA: A RANDOMIZED CONTROLLED TRIAL

<https://pubmed.ncbi.nlm.nih.gov/33814586/>



VS. TELEFLEX LMA UNIQUE

21. DISTANCE FROM THE GLOTTIS TO THE GRILLE: THE LMA UNIQUE, AIR-Q AND COBRA PLA AS INTUBATION CONDUITS: A RANDOMIZED TRIAL

<https://pubmed.ncbi.nlm.nih.gov/24257457/>

VS. AMBU AURA-I, INTERSURGICAL I-GEL, TELEFLEX LMA FASTRACK

22. EVALUATION OF CHEST COMPRESSION EFFECT ON AIRWAY MANAGEMENT WITH AIR-Q, AURA-I, I-GEL, AND FASTRACK INTUBATING SUPRAGLOTTIC DEVICES BY NOVICE PHYSICIANS: A RANDOMIZED CROSSOVER SIMULATION STUDY

<https://pubmed.ncbi.nlm.nih.gov/24563178/>

VS. PORTEX SOFT SEAL

INFANTS

23. COMPARISON OF AIR-Q® AND SOFT SEAL® LARYNGEAL MASK FOR AIRWAY MANAGEMENT BY NOVICE DOCTORS DURING INFANT CHEST COMPRESSION: A MANIKIN STUDY

<https://pubmed.ncbi.nlm.nih.gov/21958927/>

VS. TELEFLEX LMA UNIQUE

PEDIATRICS

24. A RANDOMIZED CROSSOVER COMPARISON BETWEEN THE LARYNGEAL MASK AIRWAY-UNIQUE™ AND THE AIR-Q INTUBATING LARYNGEAL AIRWAY IN CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/21917058/>



VS. TELEFLEX LMA UNIQUE

SELF-PRESSURIZING CUFF

PEDIATRICS

25. A RANDOMIZED COMPARISON OF THE SELF-PRESSURIZED AIR-Q™ INTUBATING LARYNGEAL AIRWAY WITH THE LMA UNIQUE™ IN CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/22670827/>

VS. TELEFLEX LMA CLASSIC

SELF-PRESSURIZING CUFF

26. SELF-PRESSURIZED AIR-Q® INTUBATING LARYNGEAL AIRWAY VERSUS THE LMA® CLASSIC™ : A RANDOMIZED CLINICAL TRIAL

<https://pubmed.ncbi.nlm.nih.gov/29524199/>

SELF-PRESSURIZING CUFF

27. COMPARISON OF VENTILATION EFFECTIVENESS OF THE BAG VALVE MASK AND THE LMA AIR-Q SP IN NURSES DURING SIMULATED CPR

<https://pubmed.ncbi.nlm.nih.gov/29813039/>

SELF-PRESSURIZING CUFF

28. THE SELF-PRESSURIZING AIR-Q® INTUBATING LARYNGEAL AIRWAY FOR AIRWAY MAINTENANCE DURING ANESTHESIA IN ADULTS: A REPORT OF THE FIRST 100 USES

<https://pubmed.ncbi.nlm.nih.gov/23194212/>

SELF-PRESSURIZING CUFF

PEDIATRICS

29. PROSPECTIVE EVALUATION OF THE SELF-PRESSURIZED AIR-Q INTUBATING LARYNGEAL AIRWAY IN CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/21518103/>



PEDIATRICS

30. COMPARISON OF AIR-Q® INSERTION TECHNIQUES IN PEDIATRIC PATIENTS WITH FIBER-OPTIC BRONCHOSCOPIC ASSESSMENT: A PROSPECTIVE RANDOMIZED CONTROL TRIAL

<https://pubmed.ncbi.nlm.nih.gov/31159533/>

PEDIATRICS

31. COMPARATIVE EFFICACY OF THE AIR-Q INTUBATING LARYNGEAL AIRWAY DURING GENERAL ANESTHESIA IN PEDIATRIC PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS

<https://pubmed.ncbi.nlm.nih.gov/27419134/>

PEDIATRICS

32. USABILITY AND PERFORMANCE CHARACTERISTICS OF THE PEDIATRIC AIR-Q® INTUBATING LARYNGEAL AIRWAY

<https://pubmed.ncbi.nlm.nih.gov/23519724/>

PEDIATRICS

33. A RANDOMIZED COMPARISON OF FREE-HANDED VS AIR-Q ASSISTED FIBEROPTIC-GUIDED TRACHEAL INTUBATION IN CHILDREN < 2 YEARS OF AGE

<https://pubmed.ncbi.nlm.nih.gov/24797607/>



PEDIATRICS

34. A CLINICAL EVALUATION OF THE INTUBATING LARYNGEAL AIRWAY AS A CONDUIT FOR TRACHEAL INTUBATION IN CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/21081777/>

INFANTS

35. EVALUATION OF AIR-Q™ INTUBATING LARYNGEAL AIRWAY AS A CONDUIT FOR TRACHEAL INTUBATION IN INFANTS--A PILOT STUDY

<https://pubmed.ncbi.nlm.nih.gov/21973052/>

INFANTS

36. COMPARISON OF PERFORMANCE AND EFFICACY OF AIR-Q INTUBATING LARYNGEAL AIRWAY AND FLEXIBLE LARYNGEAL MASK AIRWAY IN ANESTHETIZED AND PARALYZED INFANTS AND CHILDREN

<https://pubmed.ncbi.nlm.nih.gov/24961960/>

DIFFICULT AIRWAY

37. AIR-Q INTUBATING LARYNGEAL AIRWAY GUIDED INTUBATION IN MORQUIO SYNDROME

<https://pubmed.ncbi.nlm.nih.gov/29962532/>

BLIND INTUBATION

38. BLIND TRACHEAL INTUBATION THROUGH THE AIR-Q INTUBATING LARYNGEAL AIRWAY IN PEDIATRIC PATIENTS: REEVALUATION - A RANDOMIZED CONTROLLED TRIAL

<https://pubmed.ncbi.nlm.nih.gov/31198243/>



39. EVALUATION OF GLOTTIC VIEW THROUGH AIR-Q INTUBATING LARYNGEAL AIRWAY IN THE SUPINE AND LATERAL POSITION AND ASSESSING IT AS A CONDUIT FOR BLIND ENDOTRACHEAL INTUBATION IN CHILDREN IN THE SUPINE POSITION

<https://pubmed.ncbi.nlm.nih.gov/26417722/>

40. AIR-Q INTUBATING LARYNGEAL AIRWAY: A STUDY OF THE SECOND GENERATION SUPRAGLOTTIC AIRWAY DEVICE

<https://pubmed.ncbi.nlm.nih.gov/27212722/>

41. PILOT STUDY OF THE AIR-Q INTUBATING LARYNGEAL AIRWAY IN CLINICAL USE

<https://pubmed.ncbi.nlm.nih.gov/20369770/>

42. FIBEROPTIC-GUIDED TRACHEAL TUBE PLACEMENT THROUGH THE AIR-Q® INTUBATING LARYNGEAL AIRWAY: A PERFORMANCE STUDY IN A MANIKIN

<https://pubmed.ncbi.nlm.nih.gov/21796508/>

43. THE SECOND-GENERATION AIR-Q INTUBATING LARYNGEAL MASK FOR AIRWAY MAINTENANCE DURING ANESTHESIA IN ADULTS: A REPORT OF THE FIRST 70 USES

<https://pubmed.ncbi.nlm.nih.gov/21375088/>

44. LIMITATIONS OF PEDIATRIC SUPRAGLOTTIC AIRWAY DEVICES AS CONDUITS FOR INTUBATION - AN IN VITRO STUDY

<https://pubmed.ncbi.nlm.nih.gov/29058266/>

45. COMPARISON OF CONVENTIONAL WITH **PARKER FLEX-TIP** TRACHEAL TUBE FOR INTUBATION THROUGH AIR-Q INTUBATING LARYNGEAL AIRWAY

<https://pubmed.ncbi.nlm.nih.gov/32174656/>