



LMA-S TRIAL STUDY

PURPOSE

To define the circumstances which a paramedic, working for Reach Air may insert a Laryngeal Mask Airway - Supreme (LMA-S) while functioning in the ICEMA Region. This protocol will be part of the Statewide REACH AIR LMA-S Trial Study and will be limited to paramedics on duty on a Reach Airship in ICEMA region. This policy will only be effective for the duration of the trial study and will become void at the end of the study.

AUTHORITY

California Health and Safety Code, Division 2.5 EMS, Sections 1797.220 and 17973.221.

FIELD ASSESSMENT/TREATMENT INDICATORS

Paramedics may insert a LMA-S under the following condition:

1. The medic must be on duty as a Flight Medic with REACH Air Medical Services (REACH) and must be accredited with ICEMA.
2. The medic must perform the procedure as outlined in the REACH Expanded Scope of Practice Protocol - Procedure, LMA Insertion, included for reference.
3. Medics may only perform the procedure in the company of an authorized REACH Flight Nurse in conformity with trial study guidelines.
4. Medic placement of LMA-S is only authorized during the approved trial study period.

TRAINING STANDARDS AND COMPETENCY VERIFICATION

Prior to participation in the trial study, REACH medics must:

1. Must complete a REACH provided LMA-S training consisting of the manufacturer provided training material and hands on skills training.
2. An ICEMA CE Class roster must be submitted to ICEMA, documenting the training prior to any usage of the LMA-S in the field.

DOCUMENTATION/DATA COLLECTION

1. REACH will collect the following patient data for each LMA-S insertion or attempted insertion by a Paramedic during the trial study:
 - a. Age
 - b. Sex
 - c. Trauma or medical patient
 - d. Estimated weight
 - e. Date
 - f. Flight number
 - g. Indication for use
 - h. If LMA-S used as initial advanced airway: Why was endotracheal not placed first?
 - i. For placements after ETT attempts: what were the reasons for unsuccessful ETT intubation?
 - j. Blood pressure before LMA-S insertion
 - k. Blood pressure after LMA-S insertion
 - l. Pulse oximetry before LMA-S insertion
 - m. Pulse oximetry after LMA-S insertion
 - n. ETCO₂ after LMA-S insertion
 - o. Ease of insertion on a 1-5 Likert Scale
 - p. Success/Failure
 - q. Number of attempts (Attempt defined as passing any part of LMA-S beyond teeth)
 - r. Time to complete insertion in seconds
 - s. Difficulties encountered (Narrative field)
 - t. Complications noted (none or a list of noted complications)
 - u. If the paramedic was unable to insert the LMA-S was another provider later successful in placing an LMA-S?
 - v. If no LMA-S was successfully placed, what was eventual airway outcome?
2. Data will be collected using the ICEMA ImageTrend Electronic Patient Care Report (ePCR). Paper forms shall be available as a backup data collection tool and transferred to the ICEMA ePCR as soon as possible. Reach Air agrees to share all study related data for ICEMA region with ICEMA upon request.

QUALITY IMPROVEMENT

1. All uses of the LMA-S in the ICEMA region will be documented and that documentation reviewed by the REACH Medical Director and the ICEMA Medical Director or designee.

2. Documentation review will include appropriate clinical usage and adherence to the trial study protocol.

USAGE OF THE LMA-S OUTSIDE OF THIS TRIAL STUDY IS STRICTLY PROHIBITED. ANY OTHER USAGE WILL BE A VIOLATION OF THE PARAMEDIC SCOPE OF PRACTICE AND THE INDIVIDUAL WILL BE SUBJECT TO POTENTIAL DISCIPLINE BY THE CALIFORNIA EMERGENCY MEDICAL SERVICES AUTHORITY (EMSA).