

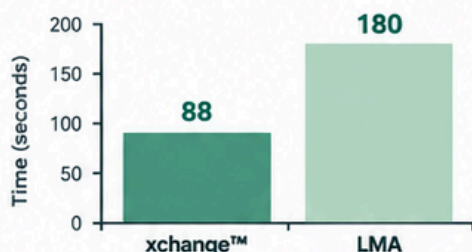
ASC, SOUTHERN CALIFORNIA

Executive Summary

This evaluation compared xchange™ to LMA across 11 procedural anesthesia cases. xchange™ demonstrated favorable results in airway establishment, OR workflow, intraoperative ventilation, and PACU recovery.

Airway Establishment

Mean airway-establishment time was 1 minute 28 seconds with xchange™ versus 3 minutes with LMA, an observed reduction of ~51%.

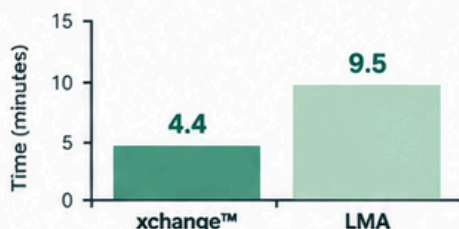


Operational relevance

A faster airway-establishment workflow may help improve room efficiency, particularly in a high-volume procedural environment.

Time to Incision (Anesthesia Start to Incision)

Mean time from anesthesia start to incision was 4.4 minutes with xchange™ versus 9.5 minutes with LMA, an observed reduction of 5.1 minutes.

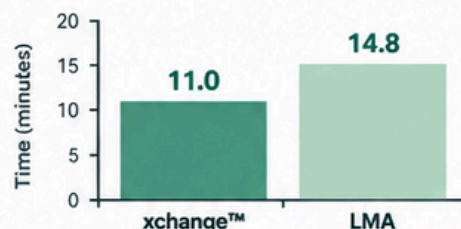


Operational relevance

A shorter time to incision may support improved OR flow and reduced non-productive time.

Time to Incision (Room Entry to Incision)

Mean time from room entry to incision was 11.0 minutes with xchange™ versus 14.8 minutes with LMA, an observed reduction of 3.8 minutes.

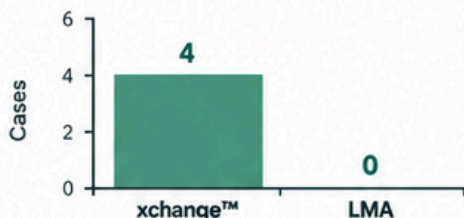


Operational relevance

Faster room-to-incision times may help improve overall OR throughput and case turnover.

Intraoperative Ventilation (Consistent EtCO₂)

Consistent EtCO₂ measurements were achieved in 4 of 5 xchange™ cases versus 0 of 6 LMA cases.

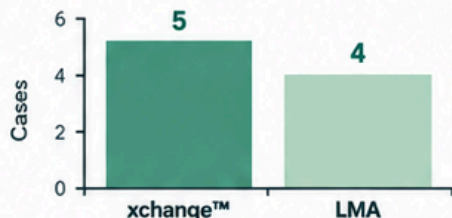


Clinical relevance

Reliable EtCO₂ monitoring may enhance ventilation visibility and support earlier detection of respiratory changes.

Oxygenation (SpO₂ ≥ 90%)

Oxygen saturation remained ≥90% in all 5 xchange™ cases versus 4 of 6 LMA cases.

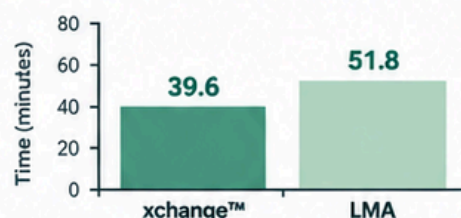


Clinical relevance

xchange™ maintained oxygenation in all cases, with fewer desaturation events compared to LMA.

PACU Time (Arrival to Actual Discharge)

Mean PACU time was 39.6 minutes with xchange™ versus 51.8 minutes with LMA, an observed reduction of 12.2 minutes.



Operational relevance

A shorter PACU time may support faster patient turnover and increased recovery area efficiency.



Potential OR-Time Economic Impact

A recent analysis of 278 California hospitals found a cost of \$57.71 per OR minute in FY2022.¹ The 5.1-minute shorter observed time to incision with xchange™ represents a potential OR-time cost equivalent of approximately \$294 per case.

Illustrative OR-Time Cost Equivalents

(Based on \$57.71 per minute)

1 case	~\$294
100 cases	~\$29,400
500 cases	~\$147,200
1,000 cases	~\$294,300

¹ Ashrafi AL, et al. Variation in Operating Room Costs Across Hospitals in California. JAMA Surg. 2026;161(7):773-780. doi:10.1001/jamasurg.2026.1169.

Note: Economic impact is an estimate based on an external cost benchmark and represents OR-time cost equivalents only. This evaluation was not designed to measure financial savings.