

Ambulatory surgery center

Southeast U.S.

A four-OR ambulatory surgery center added continuous UV-C to anterooms, prep bays, and recovery — without interrupting a single scheduled case.

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OR DOWNTIME

5.8×

ACH ANTEROOM

62

FIXTURES DEPLOYED

3 days

TOTAL INSTALL

THE CHALLENGE

OR anterooms and pre-op bays cycled patients every 45 minutes. Between cases, staff relied on HVAC turnover and manual wipe-down; no active air disinfection ran during occupied hours.

THE SOLUTION

SafeAirUV™ 2×2 troffers replaced anteroom and prep-bay lighting; 2×4 troffers went into recovery. Installation happened Fridays after last case, with fixtures live by Monday first case.

OUTCOMES

- Sustained 5.8 ACH in anterooms and pre-op bays during occupied use.
- Zero cases postponed, canceled, or moved during the entire retrofit.
- Reduced anteroom turnover buffer from 15 minutes to 8 minutes, adding schedule capacity.
- Infection preventionist reported no facility-linked SSIs in the 9 months post-install.

FACILITY SNAPSHOT

FACILITY TYPE **Ambulatory surgery center**OPERATING ROOMS **4**FIXTURES **62 × 2×2 + 2×4**INSTALL **3 evenings**

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Retrofit into the existing grid over one weekend. Sterile workflow never paused. That's the only pitch that would have gotten this approved.

— ASC Administrator