

12-op multi-specialty practice

Pacific Northwest

A 12-operatory multi-specialty dental practice replaced ceiling lighting across every op with SafeAirUV™ fixtures to shorten aerosol turnover between patients.

12 min

ROOM TURNOVER

-64%

AEROSOL DWELL

24

FIXTURES DEPLOYED

+72

WEEKLY SLOTS

THE CHALLENGE

Aerosol-generating procedures forced staff to leave rooms empty for 15+ minutes between patients. That gating cost roughly 6 patient slots per operatory per week.

THE SOLUTION

Every operatory received a 2x2 SafeAirUV™ troffer sized for the room volume, plus 2x4 fixtures in hygiene bays and the waiting area. Motion sensors keep fans on high whenever the op is occupied.

OUTCOMES

- Aerosol clearance time dropped from ~22 min to 8 min at 6 ACH (measured).
- Practice reclaimed roughly 72 patient slots per week across 12 operatories.
- Staff reported reduced end-of-day aerosol odor and eye irritation.
- Zero UV-related patient or staff safety events in first 12 months.

FACILITY SNAPSHOT

FACILITY TYPE **Multi-specialty dental**OPERATORIES **12**FIXTURES **24 × 2x2 + 2x4**INSTALL **2 weekends**

“

Aerosol turnover between patients used to gate our schedule. Now it doesn't. That's a real revenue line, not a soft benefit.

— Practice Owner, DDS