



# CAL POLY

## Case Study: Infection Control on The Arroyo Grande Community Hospital Emergency Room Expansion and Remodel

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### Practices and Tools Used:

- Temporary walls
- Negative air machines
- Zipp walls
- Sticky floor mats
- General cleaning supplies
- Acoustical barriers

California hospital and healthcare projects typically involve California's Office of Statewide Health Planning and Department (OSHPD) which is governed by the state of California and the Fire Marshal. Along with OSHPD as the governing organization, healthcare and hospital projects often must incorporate infection control practices. The Arroyo Grande Community Hospital Emergency Room Expansions and Remodel project incorporated infectious control practices. Qualitative research was conducted through semi-structured interviews of the project management team along with primary and secondary sources. The tools and practices used on this project included negative air machines, temporary walls with sound barriers, zip walls with fire rated plastic, general cleaning supplies, and HEPA vacuums. This project was successful in meeting the requirements and expectations of the infection control nurse and the hospital staff. The project team emphasized teamwork, communication between involved parties, relationships with subcontractors, and problem-solving skills to the success of this project.

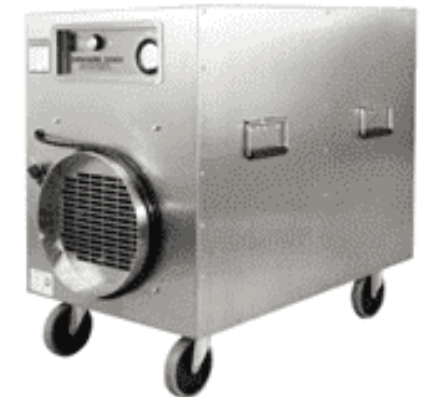
**Key words:** Infectious control, OSHPD, Construction, Healthcare projects

### Factors For Success of Project:

- Teamwork
- Communication
- Relationships with subcontractors
- Problem solving skills



Temporary walls used



Negative air machine