

Aesthetic Audio Systems, Inc. (AAS) begins its process by performing an acoustic assessment. At **Enloe Medical Center** in Chico, California, it was discovered that, among other noise laden areas, the operating rooms were extremely noisy due to the equipment and environmental support systems. During surgery doctors and staff play music through devices that are at a distance, so the volume is turned up in order to exceed the decibel level of the room's ambient noise (standing sound level in OR with no activity: 74dB). The loud volume caused the sound to be distorted.

Solutions

Doctors required that they have control over music selection. To solve this problem, AAS designed a device that allowed doctors to select from four of the Harmonic Healthcare® music programs. The custom designed source switching device allows for a fifth music program, to be input from a doctor's iPod® or music player.



The technician indicates the location of the strategically placed operating room speaker.



Our trained, professional staff take sound level readings in the operating room.



With four buildings on their campus and five distinctly different main entrances, leaders at **Sutter Lakeside Hospital** (in Lakeport, California) desired a unified ambiance of one campus rather than a mosaic of distinctly different buildings. A major challenge is that the architecture of the four buildings is completely different. There seemed to be no effective way to create cohesion on a visual basis alone (using color and signage).

Aesthetic Audio Systems created a custom, environmentally tuned series of music programs that created sonic continuity within the campus. All front entrances have the same genre of music. This also supports the corporate branding in the facility. Paths between the buildings have designed music. There is a plan to integrate 'sonic wayfinding' that allows volunteers and staff to direct people toward sound milestones, such as "follow the guitar music path."

Integration



This collection of images shows the long distances and differences between buildings and entryways.

