Impact of Noise on Patients: Patients identified noise as the biggest irritant during hospitalization. Patients in a noisy environment required more pain medication than those in a quiet setting.

Patients exposed to radiation noise lost an average of 10 questions of deep sleep per night.

Impact of Noise on Staff: High to very high equipment noises are not medically significant. Hospital staff are exposed to one alarm every 90 seconds.

Noise contributes to staff stress, disrupts sleep, and leads to headaches.

Karmen Cancer Institute in Detroit, Michigan installed acoustic paneling and desensitized its nursing stations to prevent large groups of people talking near patient rooms. It reported a 30% drop in medical errors.10

A Kaiser Permanente Hospital in Oakland, California implemented a noise reduction program and saw their HCAHPS score improve by 12%.

Montefiore Hospital in The Bronx, New York implemented a noise reduction program and saw its HCAHPS score increase by 40%.

Control, Prioritization, and Autocode Calls

Bedside Medical Alarms: Carts, Telephones, Ice Machines, Bedrails, Bedside Equipment

Bedside Medical Equipment

Paging Systems

FOCUS ON MEDICAL EQUIPMENT

HOSPITALS ARE LOUD.

WHAT'S BEING DONE ABOUT IT?

Vocia’s zoned approach for overhead paging allows for targeted pages, resulting in less noise, more efficient staff, and improved patient care.

ZONES CAN MAKE ALL THE DIFFERENCE.

BIAMP SYSTEMS CAN HELP.

Creating a Quieter Hospital (The Impact of Noise on Health & Healing)