

http://en.wikipedia.org/wiki/Tōkaidō_Shinkansen#mediaviewer/File:JRC_N700_series_Z28.jpg

http://www.japanfs.org/en/news/archives/news_id029161.html



We can have quiet room without any occupants or activity

Structure of Noise Control Engineering session

- JP Current technology in noise prediction and control
- US Incentives for noise control in healthcare facilities
- US Applications of noise control engineering for the patient and staff in healthcare facilities
- JP Use sound to promote healthier life

Expected discussion

- Vision of noise control for public and in healthcare. What are the noise control efforts for?
- Can we make better acoustic environment for patients, nurses, doctors and others?
- Current guidelines for the facilities, but should they be for patient outcomes?
- Noise control for better life, even for patients in hospitals.

Organizers:

Jeff Fullerton (Acentech) & Hiroshi Sato (AIST)

Presenters (before Lunch):

- Prediction, Control and Assessment of Environmental Noise, Shinichi Sakamoto, University of Tokyo
- 2. Acoustics and the Patient Experience Eric Miller-Klein, SSA Acoustics



Variety of sounds

Noise from

staff activity

TV

Speech privacy

OT-707

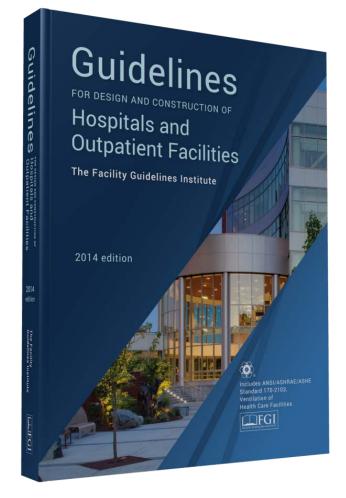
Alarms

8

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Actions taken in JP and US

- FGI Guidelines in US
 - 2014 Guidelines for Design and Construction of Hospitals and Outpatient Facilities
- In Japan, such guidelines should be encouraged



Organizers:

Jeff Fullerton (Acentech) & Hiroshi Sato (AIST)

Presenters (following lunch):

- Managing Noise in Healthcare Environments to Improve Patient Outcomes Mandy Kachur, Soundscape Engineering
- 2. Augmenting Signals against Noises Hiroko Terasawa, University of Tsukuba

