

Week 4 Meeting



2/7/19

Team Leader: YJ

Other Team Members: Katayi, Nur, Chufu, Tam

Advisor: Dr. Ajjarapu

Safety Moment: Noise-Induced Hearing Loss

- People are sometimes exposed to noise that is loud enough to damage hearing.
- Hearing loss can develop so gradually that a person may not realize it is happening until it's too late — noise-induced hearing loss is permanent
- At levels above 85 decibels, noise can damage hearing.
- To prevent NIHL:-
 - Know which noises can cause damage (those at or above 85 decibels).
 - Wear earplugs or other protective devices when involved in a loud activity (activity-specific earplugs and earmuffs are available at hardware and sporting goods stores).
 - If you can't reduce the noise or protect yourself from it, move away from it.
 - Be alert to hazardous noises in the environment.
 - Protect the ears of children who are too young to protect their own.
 - Make family, friends, and colleagues aware of the hazards of noise.
 - Have your hearing tested if you think you might have hearing loss.

dB	Source	Effect on Hearing
0	weakest sound	
30	whisper	very quiet
60	normal conversation	comfortable
70	hair dryer	interferes with phone conversation
85	vacuum cleaner, electric razor, mini-bike	level at which hearing damage begins
91	shouting, lawn mower	
100	power mower, snowmobile, factory, mp3 players	dangerous
110	music concert, power saw	regular exposure of more than 1 minute risks permanent damage
120	jackhammer, thunderclap nearby, dance clubs	very dangerous
140	shotgun, jet takeoff	threshold of pain

Questions

1. See question sheet