Everyone loves music and I am sure there are few who dislike it. The universal sound of the universe is the “Om” which has been used as spiritual science and for enlightenment.

The beneficial effects of music have been well studied in science and some of the advantages are raising IQ, reduce stress and anxiety, decreases pain, increases happiness, helps improve memory and reduce Alzheimer’s and makes sleep better. The first instance of music playing in the operating theatre (OT) was in 1914, when Evan O’Neill Kane used as an anxiety-relieving measure for patients undergoing anaesthesia.

There are many studies of the effect of music in the OT. In the UK it was found in a study that 90% of the surgeons played music during surgery. Another study it was found that music helped to heal wound better, helps improve memory and reduce Alzheimer’s and makes sleep better. The best music tempo for relaxation has been found at the rate of 60-80 beats per minute and medium range volume is preferable over high or low volume.

But is it all “only good” with music and should it be played universally in all OT worldwide? Although there are strong proponents of the good effects of music there are many who disagree. In many studies it has been found that music hampers the ability to make fast decision, increases surgery time, leads to distraction, hampers in communication, is not fear allaying to the patient, increases infection and increases irritation. Loud music can hamper in detection of the emergency monitor sounds, can lead to wastage of time in song selection, repeated request for an instrument and even dispute over particular song type. Music was also found to be annoying by many anesthesiologist and nurses in few studies.

World Health organization has limited the volume in OT to 30 dB, but many theatres exceed this limit to 65 dB and even up to 70 dB when music is playing, thus to the extent of noise pollution. Since the music is largely dependent on the surgeons preference, the other staff members especially the nurses may not agree to the former’s choice thus feeling that it’s been forced upon them, leading to distraction.
Many surgeons and OT staff believe that music helps to perform better while others may feel that it hampers their concentration especially during difficult situations especially with high volume.\textsuperscript{2,7,9} It has also been found that music can help to alleviate preoperative stress in both the patient and the surgeon. It also acts as a mind relaxant and in some cases better than preoperative midazolam with the effects lasting to postoperative period. It also has its own side effects and hence it must be individualized after a formal discussion amongst all OT personnel regarding its use in the OT. Institute rules, ethical concerns, preference by the neurosurgeon or other theatre staff and the socio-geographic background may limit the use of music in the OT.

References: