

## **Ear Infection**

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### **Ear Infection:**

- Will cause a specific eye movement, when using the Real Eyes.
- If the infection is in the right ear, the right semicircular canals and utricle system will not summate as well. The projections to the right vestibular system are less so the left side actually fires at a higher capacity when compared to the right.
- You will see a nystagmus fast phase to the left.
  
- \*\*\* An ear infection is a peripheral lesion place them in the dark and the nystagmus will worsen
- \*\*\*\* Bacterial infection of the inner ear can go to the central canal this can lead to meningitis, which can be fatal. So if you see this you should have them sent out to have it checked.
- \*\*\*\* The nystagmus worsens when the patient looks in the direction of the fast phase. **Alexander's Law**

**Head Thrust Test**- move the head back and forth several times, they can even do this themselves. Check to see which side has the nystagmus, it will be on the opposite side of the infection.

Oscillopsia- illusion of motion in your environment.