# **Lempert Maneuver** (Roll maneuver, Barbeque roll)

# **Purpose**

Treats canilithiasis of the horizontal/lateral canal

#### **Indications**

- May occur as a complication of posterior canal BPPV treatment maneuvers
- The side with the most prominent horizontal nystagmus is presumed to be the affected side

### **Technique**

- 1. The patient should lie supine on the exam table, affected ear down
- 2. Quickly turn the head 90° towards the unaffected side, facing up
  - a. Wait 15-20 seconds between each head turn
- 3. Turn the head 90° so affected ear is up
- 4. Have patient tuck arms to chest, roll patient to a prone position with face down
- 5. Have patient turn on side as you roll their head 90° (returning to original position, affected ear down)
- 6. Position the patient so they are face up and bring to a sitting position

## **Prognosis**

■ Treatment with the log roll is successful approximately <75% of the time (reported effectiveness ranges from 50%-100%)

#### **Pearls**

- Longer intervals of time between head turns may provoke nausea
- Do not perform maneuver on patients in which it is not safe to move their head (i.e. cervical spine injuries)

### References

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