4. AIM OF THE STUDY

To evaluate the accuracy of pre-operative HRCT temporal bone measurements in predicting the visualization of round window as viewed through facial recess during cochlear implantation surgery.
4.1 Objectives

1. To develop a simple method for predicting the visualization of round window using preoperative HRCT temporal bone measurements.

2. Using surgical view as gold standard for determining the accuracy of preoperative HRCT temporal bone measurements in predicting the visualization of round window.
4.2 Hypothesis

Alternate hypothesis

The pre-operative HRCT temporal bone measurements are useful in predicting the visualization of round window as viewed through facial recess.

Null hypothesis

The preoperative HRCT temporal bone measurements are not useful in predicting the visualization of round window as viewed through facial recess.