Manuscript #481S

1. Full Title: Reliability of Scoring Respiratory Disturbance Indices  
   Abbreviated Title (length 26): Reliability of Scorers

2. Writing Group (list individual with lead responsibility first):  
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3. Timeline:  
   Start as soon as possible

4. Rationale:  
   Quality of a study is determined by the quality of the data. In studies where more than  
   one rater is used to process and score data, the reliability of the raters needs to be  
   established and published as a measure of study quality.

5. Main Hypothesis:  
   There is high reliability among the scorers for the SHHS study.

6. Data (variables, time window, source, inclusions/exclusions):  
   The data to be analyzed are all data collected on the 60 participants used in the reliability  
   study, which was completed January, 1997. There were three scorers evaluated in this  
   study. Primary measures of interest are the respiratory disturbance indices that can be  
   calculated from the PSG studies. Reliability of epoch-by-epoch sleep staging will also be  
   evaluated. Variables from the PSG scoring notes may be used for stratification purposes.