

**Title:** Renal safety of bowel preparation with polyethylene glycol for outpatient colonoscopy: an observational prospective study

**Clinical trial registration name and number:** NCT02657564

**Date:** 11/18/2015

## **Statistical Analysis**

This study is designed to determine the renal safety of 3-L PEG preparations. The power analysis is performed using SAS 9.2 (SAS Institute, Inc, Cary, NC). The sample size is based on results from previous study comparing the AKI incidence between sodium phosphate and PEG. According to this method, a sample size of 1152 subjects would be required to detect an incidence of AKI of 0.2% with a power of 90%. Statistical analysis is performed by 1-way analysis of variance or *t* test to compare continuous variables. Association between 2 dichotomous variables is analyzed by the Fisher exact test. Results are expressed as mean  $\pm$  SD.