

# Patient-Reported Outcomes Via Online Questionnaires: Post-Radical Prostatectomy Quality Improvement and Outcome Assessment

Linda My Huynh, Kaelyn J See, Joshua Tran, Thomas Ahlering



**UC Irvine Health**

# Introduction

- We previously published on the use of daily urinary pad logs and pad-free cards to assess post-RP continence recovery.
- In 2016, we presented feasibility of an email-based, automated system.
- We now seek to compare post-RP continence assessment across both systems and to validate reliability of the electronic questionnaire system.

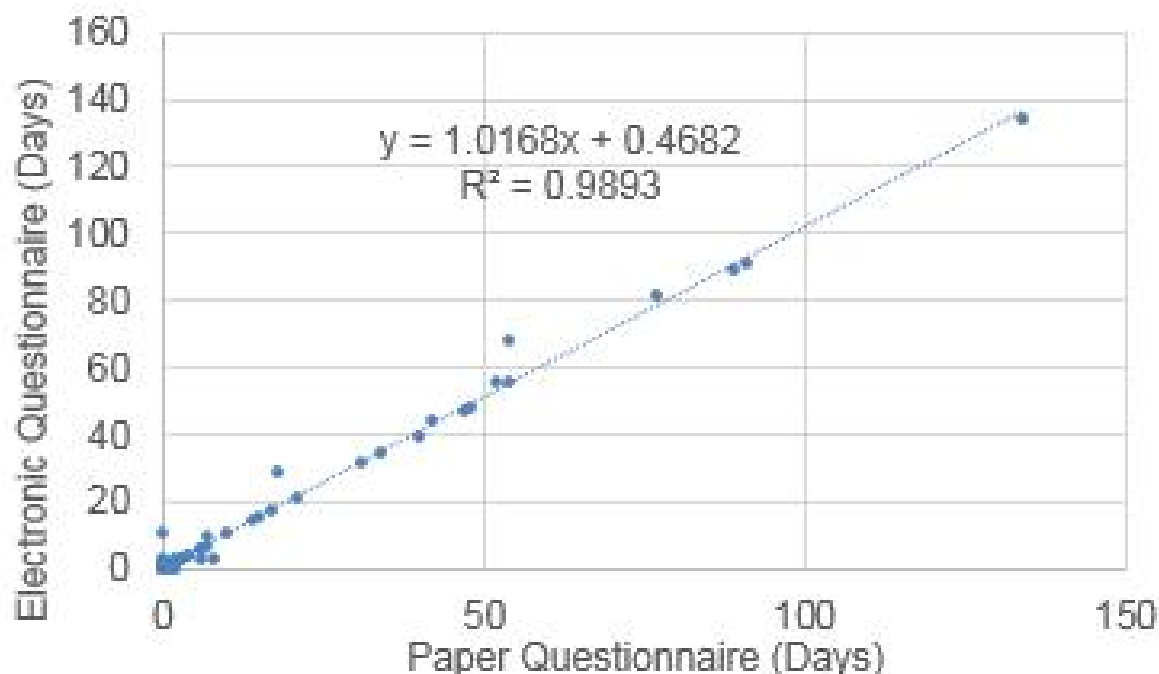
## Materials and Methods

- 510 patients were prospectively enrolled into one of three outcomes tracking systems:
  1. Pre-addressed paper packet containing a daily urinary pad log and pad-free card
  2. An automated, HIPPA-compliant email questionnaire + 2 survey reminders, or
  3. Both
- Primary outcome: response rates and continence rates in Group 1 vs. 2
- Secondary outcome: concordance of reported pad-free dates in Group 3



# Results

- **Response rate was significantly higher in the email questionnaire group**
- **Pad-free rates were not significantly different between groups.**
- **Pad-free dates** assessed via both systems **were highly concordant.**



- The electronic questionnaire system yields high response rates and unbiased post-RP assessment, holding large implications for traditional survey methods.