

**TITLE:**

Building a Prospective Registry for Female Pelvic Medicine & Reconstructive Surgery

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**RESEARCH PROJECT DESCRIPTION**

Female Pelvic Medicine & Reconstructive Surgery (FPMRS) is the newest boarded sub-specialty within Obstetrics and Gynecology. Assessing important clinical outcomes following FPMRS surgery involves measuring clinical, objective measures as well as patient-reported outcomes at standard pre- and post-operative intervals using validated instruments. UF hosts a complete FPMRS retrospective surgical database with over 900 cases that has been built over the past 6 years, with the help of the MSRP program. This year, the database needs to be converted into a prospective registry that incorporates electronic capture of patient-reported outcomes through MyChart and clinical data elements using an integrated REDCap platform. Information contained within the database is available for clinical research.

**Hypothesis:**

Specific hypotheses may be developed by the student(s) involved using the clinical variables available within the dataset. Some possibilities include:

- Patients who require post-op catheterization following a mid-urethral sling report greater improvement in their stress incontinence than those who do not require catheterization.
- There is no difference in overall patient satisfaction between those who have a mesh-augmented prolapse repair and those who have a native tissue repair.

**Methods:**

The specific methods will depend on the hypothesis selected.

The medical student will build a REDCap database from the existing Excel spreadsheet and then extract the appropriate variables for analysis. The student must be willing to work with REDCap support staff, perform some data entry, participate in basic data analysis using JMP and will participate in manuscript writing and presenting the findings at regional / national meetings.