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Author: Carrie M. Aisen, Wilson Sui, Jamie S. Pak, Matthew Pagano, Kimberly L. Cooper, Gina M. Badalato

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## Gender Differences in the Urology Residency Match – Does it make a difference?

Carrie M Aisen MD, Wilson Sui, Jamie S Pak, MD, Matthew Pagano, MD, Kimberly L Cooper, MD, Gina M Badalato, MD

Department of Urology, Columbia University, New York, New York

### Corresponding Author:

Carrie M. Aisen, M.D.

Department of Urology

Columbia University Medical Center

161 Fort Washington Ave 11<sup>th</sup> Floor

New York, NY 10032

e-mail: [cmm2236@cumc.columbia.edu](mailto:cmm2236@cumc.columbia.edu)

secondary email: [carriemly@gmail.com](mailto:carriemly@gmail.com)

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### Abstract

**Objectives:** To assess the differences between the male and female urology resident applicant pool. Urology is a competitive field with a selective match process. Women have historically been a minority in medicine. While this has equalized, women continue to be underrepresented in urology.

**Methods:** All application submitted through the Electronic Residency Application Service (ERAS) to the Columbia University Department of Urology for the 2015 and 2016 match were reviewed. The differences between the cohorts of matched female and male urology applicants were assessed.

**Results:** Two hundred and fifty-six students in 2015 and 259 students in 2016 submitted applications to Columbia and completed rank lists (60% of the national cohort in 2015 and 62% in 2016). We did find that the overall male applicant pool had a slightly lower number of honors (3 vs 2,  $p=0.02$ ) and higher USMLE step 1 score (238 vs 234,  $p<0.001$ ). The only other statistically significant difference between the matched male and female cohorts was the average number of urology sub internships (1.4 (0.9) for men vs 1.18 (0.8) for women,  $p=0.04$ ).

**Conclusions:** Overall matched male and female applicants appeared to have very similar qualifications. Men had a higher USMLE step 1 score and women had a higher average number of honors. This data supports the finding that contemporary male and

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