



**Fellowship Program in Minimally Invasive Urology/Stone Disease/Endourology: Department of Urology, Kansas University Medical Center (KUMC)**

**O Departamento de Urologia da Universidade do Kansas abre as inscrições para posição de research fellowship no setor de Endourologia (litíase renal, HPB e cirurgia robótica) com duração de 1 ano (julho de 2021-junho de 2022).**

**Pré Requisitos:**

Residência em urologia completado antes do início do fellowship acreditado pelo órgão competente do País de origem

Inglês avançado

Interessado em adquirir experiência em pesquisa na área de urologia com ênfase nas sub-especialidade de litíase renal e endourologia

**Número de vagas:**

1

**Período:**

1/7/2021-30/06/2022

**Bolsa:** Fellow irá receber um salário durante o fellowship juntamente com outros benefícios (Seguro saúde)

**Inscrições:**

Via email para: [wmolina@kumc.edu](mailto:wmolina@kumc.edu) até 31/01/2021

Email em inglês com Curriculum e 1 carta de referência do chefe do serviço de residência ou algum líder nacional na área de urologia

## **Job Description**

The fellow in Department of Urology KUMC will work together with faculty that sub-specialty in endourology. This group includes: Dr Molina, Dr. Duchene and Dr. Neff with the research team of the department. The fellow will work closely with Katie Glavin, the research manager, and provide research support for the residents and fellows who will be involved on the specific research project. Supervision is from the endourology fellowship program director.

## **Scope of Work**

1. Participate in all research projects affiliated the endourology group
2. Develop, collaborate, and work on projects in stone disease, BPH, minimally invasive urology
3. Locate and Write grants, along with regulatory requirements including IRB
4. Coordinate with residents to participation in research project
5. Responsible for data collection and protection, and entry on projects
6. Analyze data, write abstracts and papers
7. Supervise resident's abstracts and paper writing
8. Coordinate monthly endourology group meetings
9. Participate and national and international meetings presenting abstracts

## **Evaluations**

Fellow performance will be evaluated by the endourology fellowship program coordinator.

## **Program Details**

The endourology fellowship is a program involving research clinical, bio-engineering and basic science in endourology and minimally invasive urology surgery. The program integrates clinical and research work in stone disease, urologic oncology, BPH, and ablative techniques such as cryosurgery and radiofrequency. The facility contains dry labs and simulators for robotic skills training as well as a lab facility for IRB approved research protocols. The program places a strong emphasis on stone disease and endourology. The fellows will be exposed as most endourological procedures such as endoscopic bladder outlet surgery (HOLEP, HOLAP, etc), ureteroscopy, robotic surgery and percutaneous nephrolithotomy. The fellow will be working closely with the staff faculty, residents, students, and research teams. The fellow will be encouraged to give talks and didactic sessions and will be an active participant in the weekly teaching conferences at the department of Urology. Our program has a very large volume of minimally invasive urologic surgeries. Data collection, analysis, and presentations at national meetings are an integral part of this program.

## Goals of the Program

- Provide experience in research and state-of-the-art clinical endourology and laparoscopic urology.
- Foster an environment of learning new concepts in surgical education and developing teaching skills in an interactive format encompassing all aspects of endourology and laparoscopic urology.
- Provide to each participant, continued mentoring and guidance as they establish their own academic careers in minimally invasive urologic surgery.

## Yearly clinical volume

Percutaneous procedures (Includes those for stones, upper tract tumors, caliceal diverticula and UPJ obstruction)	100
Ureteroscopic procedures (Includes those for stones, upper tract tumors, ureteral strictures and UPJ obstruction)	700
Robotic/Laparoscopic procedures (Includes adrenalectomy, radical and simple nephrectomy, donor nephrectomy, partial nephrectomy, nephroureterectomy, pyeloplasty, cryoablation, prostatectomy, cystectomy and others)	500

## Bench space and animal lab facilities

Bench space and animal lab facilities are available for research. This is both encouraged and expected during this time.

## Information about living in Kansas City

<https://thinkkc.com/with/kansashealthsystem>

## Program Director

Wilson Rica Molina Jr, MD

[wmolina@kumc.edu](mailto:wmolina@kumc.edu)

Professor of Urology,

Section of endourology/stone disease

Department of Urology, Kansas University Medical Center