

# Mahmoud Elhagagy

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## EDUCATION

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**NYIT College of Osteopathic Medicine (NYITCOM)** Old Westbury, NY

Doctor of Osteopathic Medicine (D.O.), anticipated May 2022

**Assuit University Faculty of Medicine** Assuit, Egypt

Doctor of Medicine (M.D.), 2012

## HONORS

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Outstanding Scholar of Urology Award: University of Cincinnati College of Medicine, Cincinnati, OH, 06/2015

## RESEARCH EXPERIENCE

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**New York Presbyterian Brooklyn Methodist Hospital: Department of Cardiology** Brooklyn, NY

*Senior Clinical Research Coordinator* 07/2016 - 02/2018

Mentors: John Heitner, M.D., Sorin Brenner, M.D. and Kumudha Ramasubbu, M.D.

- Managed research team and the department that includes over 15 clinical trial and research project
- Selected trials:
  - 1 - Harmony (Diabetes and CVD)
  - 2 - PRIME-HF (Heart failure)
  - 3- PIONEER-HF (Heart failure)
  - 4- TWILIGHT (Antiplatelets and Myocardial infarction)

**Geisinger Health System: Department of Urology** Danville, PA

*Clinical Research Fellow* 09/2015 - 06/2016

Mentor: Heinrich Williams, M.D.

- Managed patient interviewing, sample processing, chart reviews, data collection, and manuscript writing for publication
- Selected projects:
  - 1 - Germline mutations in hereditary renal cell carcinoma
  - 2- Tissue microarray profiling for urologic cancers
  - 3 - Genomics and mutations in prostate cancer
  - 4- SIRS and post-operative fever after ureteroscopy

**University of Cincinnati College of Medicine: Department of Surgery, Division of Urology** Cincinnati, OH

*Clinical Research Fellow - Visiting Academic Scholar* 11/2013 - 08/2015

Mentors: Ayman Mahdy, M.D., PhD and James Donovan, M.D.

- Managed clinical research projects and their regulations
- Created database for the division on surgical outcomes
- Selected projects:
  - 1 - Indications and quality of life assessment in patients with suprapubic tube
  - 2 - Ureteral jets to assess ureteral patency

## PUBLICATIONS

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**Mohamed M.** Biomarkers Role in Prognosis and Survival Outcomes in Patients with Renal Tumors: Review Article. Urol Nephrol Open Access J. June 2017, 4(6):00148. DOI:10.15406/unoaj.2017.04.00148.

Jagan K. Kansal, **Mahmoud A. Mohamed**, Ayman Mahdy. Vaginal Approach to Excise a Rare Paraurethral Leiomyoma. Urology Case Reports [ELSEVIER] November 2016, 9(1):18 - 20.

**Mahmoud Mohamed**, Lulin Hu, Liu Haiyan, Fan Lin, Heinric Williams. Vimentin expression as a potential immunomarker of predicting aggressive disease in clear cell renal cell carcinoma. Proceedings of the American Association for Cancer Research, April 2016, 57(1):392.

Heinric Williams, Raghu Metpally, **Mahmoud Mohamed**, Sarath Krishnamurthy, Sertac Kip, David J. Carey, Aris Baras, John Overton. Germline mutation in renal cancer predisposing genes: Analysis of the Geisinger MyCode population. Proceedings of the American Association for Cancer Research, April 2016, 57(1):654.

**Mahmoud A. Mohamed**, Ayman E Mahdy. Intrauterine device induced vesicovaginal fistula and urinary bladder stone. A rare complication. TPC Journal, 2016, 3(1):30 - 33.

**Mohamed M**, Mahdy A (2015). Vaginal excision of perivesical mass. J Urol 193(4):e101 (video library publication).

**Mohamed M**, Mahdy A (2015). Excision of urethral diverticulum with rectus fascia sling. J Urol 193(4):e100-101 (video library publication).

Boateng AA, **Mohamed MA**, Mahdy AE (2014). Novel management approach to connecting tube erosion of artificial urinary sphincter. Can J Urol 21(2):72446-447. (Also cited: J Urol 192:1477-1482.)

Vinson MA, **Mohamed MA**, Mahdy A (2014). Spontaneous urethrovaginal fistula after advanced pelvic organ prolapse. J Urol Res 1(3):1014.

## POSTER PRESENTATIONS

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Ivanov A, Khan S, Ho J, Khan N, Arkhipov S, Thaker A, Lu B, Bae J, Crenesse-Cozien N, Herrera E, Gerber M, **Mohamed M**, Ali Z, Socolow J, Heitner JF. A Late Phenotypic Debut of Hypertrophic Cardiomyopathy. Society of Cardiovascular Magnetic Resonance (SCMR), February 2017, Washington, DC.

Ivanov A, Khan S, Ho J, Khan N, Arkhipov S, Thaker A, Lu B, Bae J, Crenesse-Cozien N, Herrera E, Gerber M, **Mohamed M**, Ali Z, Socolow J, Heitner JF. Temporal Changes in Left Ventricular Trabeculation Assessed by Cardiac Magnetic Resonance Imaging in Hypertensive Patients. Society of Cardiovascular Magnetic Resonance (SCMR), February 2017, Washington, DC.

**Mahmoud Mohamed**, Katherine Hawkins, Lulin Hu, Liu Haiyan, Fan Lin, Heinric Williams. Immunohistochemical expression of epithelial membrane antigen in renal tumors: An analysis of prognostic significance. Society of Urologic Oncology (SUO), December 2016, San Antonio, TX.

**Mahmoud Mohamed**, Lulin Hu, Liu Haiyan, Fan Lin, Heinric Williams. Vimentin expression as a potential immunomarker of predicting aggressive disease in clear cell renal cell carcinoma. American Association for Cancer Research (AACR), April 2016, New Orleans, LA.

Heinric Williams, Raghu Metpally, **Mahmoud Mohamed**, Sarath Krishnamurthy, Sertac Kip, David J. Carey, Aris Baras, John Overton. Germline mutation in renal cancer predisposing genes: Analysis of the Geisinger MyCode population. American Association for Cancer Research (AACR), April 2016, New Orleans, LA.

## POSTER PRESENTATIONS (cont'd)

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**Mahmoud A. Mohamed**, Ayman E Mahdy. IUD induced vesicovaginal fistula and urinary bladder stone. A rare complication. University of Cincinnati Research Week Conference, April 2015, Cincinnati, OH.

**Mahmoud A. Mohamed**, Akwasi A Boateng, Ayman E Mahdy. Novel management approach to connecting tube erosion of artificial urinary sphincter. University of Cincinnati Research Week Conference, April 2015, Cincinnati, OH.

**Mahmoud A. Mohamed**, Mohabe A. Vinson, Ayman E Mahdy. Spontaneous urethrovaginal fistula after advanced pelvic organ prolapse. University of Cincinnati Research Week Conference, April 2015, Cincinnati, OH.

## VIDEO PRESENTATIONS

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Hussain S, **Mohamed MA**, Mahdy A. Management of recurrent urethral diverticulum. North Central Section (NCS) of American Urological Association (AUA), November 2015, Amelia Island, FL. [Surgical Video]

**Mohamed MA**, Mahdy A. Excision of urethral diverticulum with rectus fascia sling. American Urological Association Annual Meeting, May 2015, New Orleans, LA. [Surgical Video]

**Mohamed MA**, Mahdy A. Vaginal excision of perivesical mass. American Urological Association Annual Meeting, May 2015, New Orleans, LA. [Surgical Video]

## OTHER PRESENTATIONS

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**NY Presbyterian Brooklyn Methodist Hospital** Brooklyn, NY

Role of Nursing Staff - an approach for successful clinical trials. 12/2017

**NY Presbyterian Brooklyn Methodist Hospital** Brooklyn, NY

Overview of Clinical trials - Research Symposium. Cardiology Grand Round. 11/2017

**Binghamton University, Department of Biological Anthropology** Binghamton, NY

Epidemiology and Diagnosis of Sexually Transmitted Diseases. 09/2015

**Trakya University School of Medicine, Department of General Surgery** Edirne, Turkey

Gastric Ulcer and Stomach Cancer. 10/2009 - Medical Students Exchange Program

## CO-CURRICULAR / VOLUNTEER EXPERIENCE

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**Medical Coverage "Disorderly Conduct" Victory Pro Wrestling – Veterans of Foreign Wars** Centereach, NY

*Medical Team Volunteer* 11/23/2019

- Perform basic physical exams for wrestlers before after the game
- Onsite medical coverage for unusual events involving fans or staff

**NYITCOM Asylum Clinic** Old Westbury, NY

*Country Research Leadership Team-Volunteer* 03/2019 - Present

- Perform evaluations and physical exams
- Research and create reports on asylum seekers countries
- Write required asylum affidavits and reports

**NYIT Community Free Clinic** Central Islip, NY

*Volunteer* 01/2019 - Present

- Obtain histories and perform physical exams, under supervision, for uninsured patients

**Korean Community Service (KCS) Health Fair - Community Center Bayside, NY**

Volunteer 05/11/2019

- Obtain histories, distribute surveys, and perform basic physical exams

**Mt. Pleasant Animal Shelter** East Hanover, NJ

Volunteer 07/2017 - 04/2018

- Volunteered with shelter cleaning duties, animal adoption programs, and dog walking and socializing

**Egyptian Medical Syndicate** Cairo, Egypt

Volunteer 01/2011 - 03/2011

- Served on the first response team during the Egyptian Revolution; participated in medical management of the injured in Tahrir Square

**CONFERENCES ATTENDED**

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American Association for Cancer Research (AACR), New Orleans, LA, 04/2016

American Urological Association (AUA), New Orleans, LA, 05/2015

Ohio Urological Society (OUS) Annual meeting, Columbus, OH, 03/2015

American Urological Association (AUA), Orlando, FL, 05/2014

Ohio Urological Society (OUS) Annual meeting, Cincinnati, OH, 03/2014

Annual Conference of the Egyptian Urological Association - European Association of Urology, 11/2012

**PROFESSIONAL DEVELOPMENT**

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Summer OMM Preceptorship: NYITCOM, 2019

**ACADEMIC APPOINTMENTS**

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Editorial Board: Urology and Nephrology Open Access Journal

Reviewer: International Urogynecology Journal

Reviewer: Mathews Journal of Urology and Nephrology

**PROFESSIONAL ORGANIZATIONS**

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American College of Osteopathic Surgeons (ACOS) - Medical Student Member

American Urological Association (AUA) - Medical Student Member

American College of Surgeons (ACS) - Medical Student Member

American Association for Cancer Research (AACR) - Associate Member

American Medical Association (AMA) - Medical Student Member

American Osteopathic Organization (AOA) – Medical Student Member

Global Health Organization (GHO)

Physicians for Human Rights (PHR)

American Academy of Osteopathy (SAAO)

Student Osteopathic Surgical Association (SOSA)

Student Osteopathic Medical Association (SOMA)

**CERTIFICATION / HEALTH-RELATED LICENSES**

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Endotracheal intubation workshop – NYITCOM, 2019

Stop the Bleed - American College of Surgeons Program, 2019

Human Rights Asylum Training - Weill Cornell Center for Human Rights, 2019

Collaborative Institutional Training Initiative (CITI) Human Subject Research, 2016

Health Insurance Portability and Accountability Act (HIPAA), 2016, 2019

Clinical Decision Intelligence System. Webi 3.1 (CDIS), 2015

Endo-urology and Stones organized course, European Association of Urology, 2012

**LANGUAGE SKILLS**

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Fluent: Arabic

**INTERESTS**

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Soccer, swimming, horseback riding, camping, tennis, table tennis, cooking, dogs, National Geographic Channel