

WILSON MOLINA, M.D.

ADDRESS

UPDATED 8/9/10

(professional) Denver Health Medical Center
777 Bannock Street
Denver, CO 80204
Phone: 303.436.6000
E-mail: Wilson.molina@dhha.org

CURRENT POSITION

09/09-present Attending Physician, Urology
Denver Health Medical Center
Assistant Professor,
Division of Urology,
Department of Surgery
University of Colorado Denver
School of Medicine

EDUCATION

02/08-09/09 Clinical Fellow, Division of Urology,
Department of Surgery
University of Colorado Denver
School of Medicine

07/02-07/03 Research fellow, Section of Laparoscopic and Minimally Invasive Surgery
Glickmann Urological Institute, Cleveland Clinic Foundation
Cleveland, OH

02/00-02/02 Urology – Residence program
Department of Surgery, Section Urology
São Paulo Federal University
São Paulo, SP, Brazil

02/98-02/00 General Surgery – Residence program
Department of Surgery, Section Urology

São Paulo Federal University
São Paulo, SP, Brazil

01/91-12/96 Graduate Medicine
Paulista School of Medicine
São Paulo Federal University
São Paulo, SP, Brazil

ENGLISH PROFICIENCY

04/02 TOEFL (230/300 CBT)

USMLE SCORE

08/08- Step 1 - 216/89

12/08 – Step 2 CK - 218/90

02/09 – Step 2 CS – Pass

06/09 – Step 3 - 224/95

PROFESSIONAL EXPERIENCE

09/09-present Attending Physician, Urology
Denver Health Medical Center

08/03–12/07 Urologist
Storópoli Hospital
Paulista School of Medicine
Federal University of São Paulo

08/03-12/07 Urologist
Section of Urology, Surgical Department
ABC Medical School
São Paulo

08/03-12/07 Urologist
Section of Renal Transplantation
Albert Einstein Jewish Hospital

São Paulo

- 08/03-12/07 Urologist
Heart Hospital
São Paulo
- 05/06-12/07 Urologist
Brazilian Cancer Control Institute
São Paulo
- 02/02-07/02 Urologist
Section of shock-Wave Lithotripsy
São Paulo Hospital - Paulista School of Medicine
Federal University of São Paulo
- 02/02-07/02 Urologist
Pirajussara General Hospital
Paulista School of Medicine
Federal University of São Paulo

PROFESSIONAL AFFILIATIONS

1. Member, Brazilian Urological Society

FACULTY ASSIGNMENTS

1. 05/09 Faculty
Portuguese Language program at American Urological Association Meeting, Chicago, IL
2. 05/08 Faculty
Portuguese Language program at American Urological Association Meeting, Orlando, FL
3. 09/07 Faculty
Brazilian Urological Congress
Salvador, Brazil
4. 08/06 Faculty
Pre-Congress Hands-On Laboratory Session
2006 World Congress on Endourology and SWL
Intercontinental Hotel and Conference Center
The Cleveland Clinic Foundation

Cleveland, OH

5. 2005 Faculty
First Course of Geriatry for Clinicians
São Paulo, SP, Brazil
6. 2003 Moderator
Video session V8: Laparoscopy: Ureteral, Retroperitoneal Surgery
XXIX Brazilian Urological Congress
Foz do Iguaçu, PR, Brazil
7. 02/5-7/2003 Instructor: Laparoscopic Animal Lab
1st World Summit on Kidney Surgery
Glickman Urological Institute
Minimally Invasive Surgery Center
The Cleveland Clinic Foundation
Cleveland, OH
8. 2001 Instructor
Third Course of Laparoscopy in Urology
Department of Surgery, Section Urology
São Paulo Federal University
São Paulo, SP, Brazil

COURSES AND CONGRESS

1. 2009 The American Urological Association, 104th Annual Meeting
Chicago, IL.
2. 2008 Hands-on NOTES course, University of San Diego, San Diego CA
3. 2008 The American Urological Association, 103rd Annual Meeting
Orlando, FL.
4. 2007 XXXI Urological Brazilian Congress,
Salvador, BA, Brazil
5. 2006 24th World Congress of Endourology,
Cleveland, OH
6. 2006 The American Urological Association, 101 Annual Meeting
Atlanta, GA.

7. 2005 The American Urological Association, 100 Annual Meeting
San Antonio, TX.
8. 2004 The American Urological Association, 99 Annual Meeting
San Francisco, CA.
9. 2003 XXIX Urological Brazilian Congress,
Foz do Iguaçu, PR, Brazil
10. 2003 The American Urological Association, 98st Annual Meeting
Chicago, IL.
11. 2003 1st World Summit on Kidney Surgery- The Cleveland Clinic Foundation
Cleveland, OH
12. 2003 Microsurgery Training Course
Department of Plastic and Reconstructive Surgery
The Cleveland Clinic Foundation
Cleveland, OH
13. 2002 The American Urological Association, 98st Annual Meeting
Chicago, IL
14. 2002 20th World Congress of Endourology
Genova, Italy
15. 2002 2nd Educacion Course in Urology - Federal University of São Paulo
São Paulo, SP. Brazil
16. 2001 XXVIII Urological Brazilian Congress,
Fortaleza, CE, Brazil
17. 2000 Summit on Oncology in Urology – Brazilian Urological Society
São Paulo, SP, Brazil

RESEARCH EXPERIENCE

1. Robotic assisted laparoscopic Aorto-Bifemoral bypass.
Principal Investigator: Gyung Tak Sung, M.D., Ph.D.
Co-Investigators: Gill IS, Meraney AM, Amgad Farouk, Hsu THS, Desai MM., Wilson Molina
2. Laparoscopic nonrefluxing serous-lined extramural tunnel for ureterointestinal

anastomosis

Principal Investigator: Sidney Castro de Abreu

Co-Investigators: Amgad Farouk., A. Ramani, Wilson Molina

3. Bowel de-mucosalization using argon beam laser coagulation- Potential for enterocystoplasty
Principal Investigator: Wilson Molina
Co-Investigators: Amgad Farouk., Sidney Castro de Abreu, Massimiliano Spaliviero, David Sharp.
4. Use of carbon dioxide insufflation in percutaneous renal surgeries: An alternative to fluid irrigation. A feasibility pilot study
Principal Investigator: Anoop Ramani
Co-Investigators: Wilson Molina, Amgad Farouk, Sidney Castro de Abreu.
5. Serial follow up of short and long term renal ischemia produced laparoscopically and by open methods in a rat model
Principal Investigator: Anoop Ramani
Co-Investigators: Wilson Molina, Amgad Farouk, Sidney Castro de Abreu
6. Evaluation of animal model for optimal urologic laparoscopic training
Principal Investigator: Lin-chia
Co-Investigators: Amgad Farouk, Wilson Molina, Sidney Castro de Abreu.
7. Transrenal endoscopic dismembered Pyeloplasty: feasibility study of novel technique
Principal Investigator: David Sharp,
Co-investigators: Wilson Molina, Sidney Castro de Abreu, Anoop Ramani.
8. Bowel De-mucosalization Using Photodynamic Therapy – A Pilot Study with Potential for Enterocystoplasty
Principal Investigators: Wilson Molina
Co-Investigators: Amgad Farouk., Sidney Castro de Abreu, Massimiliano Spaliviero, David Sharp.
9. Temperature Distribution within developing cryolesions in living perfused porcine kidneys
Principal Investigator: David Sharp,
Co-investigators: Wilson Molina, Sidney Castro de Abreu, Anoop Ramani
10. Pneumoperitoneum influence at renal ischemia: Heme-oxigenase 1 as renal protector.
Principal Investigator: Wilson Molina
Co-investigators: Eric R. Wroclawski, Álvaro Pacheco-Silva, Niels Olsen Câmara

JOURNAL ARTICLES

1. Complications and conversion of upper tract urologic laparoendoscopic single-site surgery (LESS): multi-center experience. **Molina W Jr.**, BJU International 2010 Apr, BJU-2010-0614 (currently in press)
2. Surgical debridement of mineral pitch and nonviable penile tissue using water-jet power: a preliminary report. Chammas MF Jr, Gurunluoglu R, Carlsen SN, **Molina W Jr.**, Moore EE, Kim F. BJU Int. 2009 Apr;103(7):974-6.
3. Tobias-Machado M, Tavares A, Silva MN, **Molina WR**, Forseto PH, Juliano RV, Wroclawsk, ER, Can video endoscopic inguinal lymphadenectomy achieve a lower morbidity than open lymph node dissection in penile cancer patients? J Endourol. 2008 Aug; 22(8):1687-91
4. Tobias-Machado M, Tavares A, Ornellas AA, **Molina WR**, Juliano RV, Wroclawski ER: Video endoscopic inguinal lymphadenectomy: a new minimally invasive procedure for radical management of inguinal nodes in patients with penile squamous cell carcinoma. J Urol. 2007 Mar;177(3):953-7
5. Tobias-Machado M, Tavares A, **Molina WR**, Forseto PH, Juliano RV, Wroclawsk, ER, Video Endoscopic inguinal lymphadenectomy (VEIL): minimally invasive resection of inguinal lymph nodes. Int Braz J Urol. 2006 May-June; 32(3): 316-21
6. Tobias-Machado M, Tavares A, **Molina WR**, Zambon JP, Medina JA, Forseto PH, Juliano RV, Wroclawsk, ER: Video endoscopic inguinal lymphadenectomy (VEIL): initial case report and comparison with open radical procedure Arch Esp Urol. 2006 Oct;59(8):849-52
7. Sharp DS, Desai MM, **Molina WR**, Spaliviero M, Abreu SC, Ramani AP, Kaouk JH, Gill IS: Dismembered percutaneous endopyeloplasty. J Endourol 2005, 19: 210-217
8. **Molina WR**, Desai MM, Ng C, Spaliviero M, Gill IS: Retroperinoscopic Radical Nephrectomy With Concomitant Distal Pancreatectomy – J Endourol. 2004 Sep;18(7):665-7.
9. **Molina WR**, Desai MM, Gill IS: Laparoscopic Management Of Chylous Ascites After Donor Nephrectomy - J Urol. 2003 Nov. 170(5):1938.
10. **Molina WR**, Gill IS: Laparoscopic Partial Nephrectomy In a Horseshoe Kidney – J Endourol. 2003 Dec;17(10):905-6
11. *Andreoni C, Molina WR: Nefrectomia Laparoscópica para Tuberculose Renal: indicada ou contra-indicada? – Braz J Urol, vol 27 (supl. 1): 141, 2001*

12. Hayashi H, Giovanni M, Giusti G, **Molina WR**: Scanning Electron Microscopy of Vas Deferens Epithelium after Temporary alteration caused by radiopaque medium – Archives of Andrology 40: 163-169 (1998)

BOOK CHAPTERS

1. **Molina WR**: *Robotica em Urologia* In: *Urologia: Diagnostico e Tratamento* – Hospital Israelita Albert Einstein, Sao Paulo-Brasil- 2008
2. Wroclawski ER, **Molina WR**, Wroclawski ML: *Nefrectomia Parcial*. In: *Atlas de Urooncologia- Sociedade Brasileira de Urologia* - São Paulo : Pamarck 2007

ABSTRACTS IN CONGRESS

1. Comparison Between Laparo-Endoscopic Single-Site Surgery (LESS) and Conventional Laparoscopic Cryoablation in Small Renal Mass. 28th World Congress on Endourology and SWL, Chicago, IL – Sept/2010
2. Efficacy and Safety of Laparoscopic Cryoablation of Small Renal Mass. 28th World Congress on Endourology and SWL, Chicago, IL – Sept/2010
3. A Novel Ergonomic Surgical Chair for Laparoscopic Pelvic Surgery: Initial Experience. 28th World Congress on Endourology and SWL, Chicago, IL – Sept/2010
4. *Influência Do Pneumoperitônio Na Isquemia Renal: Uso Da Hemoxigenase-I Como Protetor Renal. Autores: Marcelo Langer Wroclawski; **Wilson Rica Molina, Jr.**, Silvia Ferreira Leite, Ary Serpa Neto, Denise Maria Avancini Costa Malheiros, Niels Olsen Saraiva Câmara, Alvaro Pacheco E Silva Filho* – XXXII Urological Brazilian Congress Goiania, GO, Brazil – Nov/2009
5. *Pneumoperitônio Pode Causar Alteração Nos Níveis Pláticos De Escórias Nitrogenadas? Marcelo Langer Wroclawski; **Wilson Rica Molina Jr.**, Rodrigo Ungari juc, Leonardo Monte Marques Lins, Ary Serpa Neto, Denise Maria Avancini Costa Malheiros, Alvaro Pacheco E Silva Filho* - XXXII Urological Brazilian Congress Goiania, GO, Brazil - Nov/2009
6. *Múltiplas Metastases Prolongando A Sobrevida De Paciente Com Carcinoma Renal De Células Claras: Relato De Caso E Revisão Da Literatura. Marcelo Langer Wroclawski; Karin Miyamoto, Matheus Neves Ribeiro Da Silva, Ary Serpa Neto, **Wilson Rica Molina, Jr.**, Marcos Tobias Machado, Antonio Carlos Lima Pompeo* – XXXII Urological Brazilian Congress Goiania, GO, Brazil – Nov/2009

7. International Multicenter and Retrospective Study Comparing the Transperineal and the Transrectal Prostate biopsy – South Central Section of AUA, Inc. 88th Annual Meeting, Oct. 2009
8. Curcumin, A Potent Nuclear Factor – KB Inhibitor Induces Cell Growth Arrest and Apoptosis in Human Renal Cancer Cells – South Central Section of AUA, Inc. 88th Annual Meeting, Oct. 2009
9. Laparo-Endoscopic Single-Site (Less) Renal Tumor Cryoablation (RTC): Initial Experience – South Central Section of AUA, Inc. 88th Annual Meeting, Oct. 2009 (Presentation & Abstract)
10. Identification of Novel Markers for Early Diagnosis of Renal Clear Cell Carcinoma Using Differential Gene Expression Analysis in Pair Matched Patient Samples From Normal and Tumor Tissue – South Central Section of AUA, Inc. 88th Annual Meeting, Oct. 2009
11. Initial clinical assessment of Urological Laparo-endoscopic Single-sit (LESS) Surgery SAGES, Phoenix, AZ -.2009.
12. Seven degrees of freedom without the robot. The new generation of laparoscopic articulating devices. South-central Section- American Urological Association Meeting – San Diego, CA -2008
13. Should we ablate or excise renal tumor < 4 cm? South-central Section- American Urological Association Meeting – San Diego, CA- 2008
14. Successful primary endoscopic urethral realignment after complex pelvic trauma independent of trauma injury. South-central Section- American Urological Association Meeting – San Diego, CA -2008
15. Assessment of immediate perioperative complications of laparoscopic cytoreductive radical nephrectomy. World Congress of Endourology – Shanghai – China 2008
16. Laparo-endoscopic single-site (LESS) renal tumor cryoablation (RTC): initial experienceWorld Congress of Endourology – Shanghai – China 2008
17. Differential gene expression analysis in renal cell carcinoma (RCC) as compared to pair matched patient normal tissues a novel method in identification of new diagnostic and or prognostic markers in RCC. World Congress of Endourology – Shanghai – China 2008
18. Laparoscopic renal cryoablation: new surgical technique: is it hard to learn? Assessment of immediate perioperative complications of laparoscopic renal cryoablation using the 17 gauge. World Congress of Endourology – Shanghai – China 2008

19. Retroperitoneoscopic partial nephrectomy in pyeloureteral duplicated systems- initial experience with five cases. World Congress of Endourology – Cancun –Mexico-2007
20. Video-assisted ideal conduct – a minimally invasive approach to urinary diversion. World Congress of Endourology – Cancun –Mexico-2007
21. Complications associated with non-absorbable polymer clips appliance in laparoscopic urological surgery World Congress of Endourology – Cancun –Mexico-2007
22. Long follow-up results of different laparoscopic pyeloplasties approaches. World Congress of Endourology – Cancun – Mexico-2007
23. Feasibility of laparoscopic treatment for horseshoe kidney disease without special devices World Congress of Endourology – Cancun –Mexico-2007
24. A prospective comparative study between retroperitoneoscopic and hand-assisted laparoscopic approaches for radical nephrectomy. World Congress of Endourology – Cancun –Mexico-2007
25. Laparoscopic retroperitoneal lymphadenectomy with harmonic scapel- Video Presentation. World Congress of Endourology – Cancun –Mexico-2007
26. Video endoscopic inguinal lymphadenectomy (VEIL) with saphenous vein preservation: demonstration of feasibility – Video Presentation. World Congress of Endourology – Cancun –Mexico-2007
27. Three trocars retroperitoneoscopic adrenalectomy with harmonic scalpel- Video Presentation. World Congress of Endourology – Cancun –Mexico-2007
28. Polytetrafluoroethylene mesh in lumbar hernia transperitoneal laparoscopic approach- Video Presentation. World Congress of Endourology – Cancun –Mexico-2007
29. Laparoscopic treatment of vesical pseudotumors World Congress of Endourology – Cancun –Mexico-2007
30. Can video endoscopic inguinal lymphadenectomy (VEIL) reduce morbidity compared to open standard procedure for inguinal nodes management in penile cancer patients? World Congress of Endourology – Cleveland –EUA-2006
31. Laparoscopic treatment of incisional hernia: long term results with marlex and goretex (ptfe) mesh repair. World Congress of Endourology – Cleveland –EUA-2006
32. Video endoscopic inguinal lymphadenectomy (veil) – abc medical school technique: the video – step by step. World Congress of Endourology – Cleveland –EUA-2006

33. Comparative study between videoendoscopic radical inguinal lymphadenectomy (VEIL) and standard open lymphadenectomy for penile cancer: preliminary surgical and oncological results. The American Urological Association, 100th Annual Meeting, San Antonio, 2005.
34. *Impacto do número de doses de timoglobulina(timo) na evolução em Transplante Renal doador cadaver.* XXX Brazilian Urological Congress – 2005
35. *Nefrectomia em doador de transplante renal. O acesso aberto ainda é aceitável.* XXX Brazilian Urological Congress – 2005
36. *Prostatectomia radical retropúbica em paciente transplantado renal: relato de caso.* XXX Brazilian Urological Congress – 2005
37. *Experiência em transplantes duplos de fígado-rim realizados em hospital terciário em São Paulo.* XXX Brazilian Urological Congress – 2005
38. *Uso de timoglobulina (timo) para indução em transplante renal doador cadáver contribui para uma excelente sobrevida do enxerto e paciente.* XXX Brazilian Urological Congress – 2005
39. *Nefrectomia doador aberto: ligadura de vasos com clipe de polímero “hem-o-lok” – alternativa para controle do hilo renal.* XXXX Brazilian Urological Congress – 2005
40. *Nefrectomia parcial: uso de tela de marlex no controle hemostático do parênquima renal. Uma opção simples e econômica.* XXX Brazilian Urological Congress – 2005
41. Dismembered Percutaneous Endopyeloplasty: A New Procedure
42. The American Urological Association, 99th Annual Meeting, San Francisco, 2004
43. Laparoscopic splenorenal bypass: survival study. The American Urological Association, 98th Annual Meeting, Chicago, 2003.
44. Laparoscopic right and left retroperitoneal lymph node dissection. The American Urological Association, 98th Annual Meeting, Chicago, 2003.
45. Laparoscopic partial nephrectomy with concomitant adrenalectomy: the technique. The American Urological Association, 98th Annual Meeting, Chicago, 2003.
46. Laparoscopic Pyeloplasty with concomitant pyelolithotomy (138 calculi). The American Urological Association, 98th Annual Meeting, Chicago, 2003.
47. Laparoscopic management of intra-parenchymal renal artery aneurysm. The American Urological Association, 98th Annual Meeting, Chicago, 2003.

48. Temperature distribution within developing cryolesions in living perfused porcine kidneys. The American Urological Association, 98th Annual Meeting, Chicago, 2003
49. Laparoscopic radical nephrectomy for large (> 7cm; pT2) renal tumors. The American Urological Association, 98th Annual Meeting, Chicago, 2003.
50. Temperature distribution within developing cryolesions in living perfused porcine kidneys. Ohio Urological Society Annual Meeting. Cleveland -2003
51. Linfadenectomia Retroperitoneal Direita e Esquerda Laparoscópica – Aspectos Técnicos. XXIX Brazilian Urological Congress – 2003
52. Mucosectomia ileal com coagulação por argônio – Potencial utilização em Enterocistoplastia. XXIX Brazilian Urological Congress – 2003
53. Laparoscopic right and left retroperitoneal lymph node dissection. World Congress of Endourology – Montreal –Canada-2003
54. *Abordagem Laparoscópica de Aneurisma Intra-parenquimatoso da Artéria Renal.* XXIX Brazilian Urological Congress – 2003
55. *Nefrectomia Parcial Laparoscópica: Papel da Tomografia Computadorizada em 3 dimensões e da Ultrassonografia intra-operatória.* XXIX Brazilian Urological Congress – 2003
56. *Pieloplastia Laparoscópica com Pielolitotomia concomitante (138 Cálculos).* XXIX Brazilian Urological Congress – 2003
57. *Nefrectomia Radical Laparoscópica com Trombo de veia renal.* XXIX Brazilian Urological Congress – 2003
58. *Análise da Distribuição da Temperatura Dentro da Lesão Renal Gerada Durante Crioterapia.* XXIX Brazilian Urological Congress – 2003
59. *Nefrectomia Radical Laparoscópica para Grandes Tumores Renais(>7cm).* XXIX Brazilian Urological Congress – 2003
60. *Endopieloplastia Dismembrada Percutânea: Nova Técnica Cirúrgica.* XXIX Brazilian Urological Congress – 2003
61. Laparoscopic partial nephrectomy with concomitant adrenalectomy: the technique (Vídeo). World Congress of Endourology – Montreal –Canada-2003
62. Bowel de-mucosalization using Argon beam Coagulation – Potential for Enterocystoplasty . World Congress of Endourology – Montreal –Canada-2003

63. Laparoscopic Partial Nephrectomy with Concomitant en bloc Adrenalectomy for Renal Tumor. World Congress of Endourology – Montreal –Canada-2003
64. Laparoscopic Right and Left Retroperitoneal Lymph Node Dissection. World Congress of Endourology – Montreal –Canada-2003
65. Dismembered Percutaneous Endopyeloplasty: A New Procedure. World Congress of Endourology – Montreal –Canada-2003
66. Bowel de-mucosalization using Argon beam Coagulation – Potential for Enterocystoplasty. Pediatric Academy – New Orleans – USA – 2003
67. Laparoscopic radical prostatectomy: comparison of transperitoneal vs. extraperitoneal approach. World Congress of Endourology - Genova - Italia – 2002
68. Laparoscopic radical nephrectomy for renal tuberculosis and pyonephrosis: the first choice approach. World Congress of Endourology – Genova – Italia – 2002
69. 3-year and greater follow-up of laparoscopic renal cryoablation. World Congress of Endourology – Genova –Italia - 2002
70. *Nefrectomia laparoscópica para tuberculose renal: indicada ou contraindicada? XXVIII Brazilian Urological Congress – 2001*
71. Scanning electron microscopy of vas deferens epithelium after temporary alteration caused by radiopaque medium. III Inter-American Congress of Electronic Microscopy – 1995

AWARDS AND HONORS

1. I Einstein Research Award – Research and Graduate Institute - Albert Einstein Jewish Hospital – São Paulo – 2005
2. VII Pereira Barreto Awards for medical students – General Surgery - Federal University of São Paulo – 1993

COMPUTER EXPERTISE

Operating systems: Windows 95, 98, 2000, XP.
 Programs: Word, Excel, Power point, Adobe Photoshop.

REFERENCES

1. Fernando J.W. Kim, MD/FACS
 Chief of Urology - Denver Health Medical Center
 Associate Professor University of Colorado

2. Inderbir S. Gill, M.D., M.Ch.
Chairman of the Department of Urology – Keck School of medicine
University of Southern California

3. Jihad Kaouk, M.D.
Director - Center for Laparoscopic and Robotic Surgery.
Glickman Urological Institute
The Cleveland Clinic Foundation
Cleveland, OH

4. Christopher S. Ng, M.D.
Staff
Warschaw Prostate Cancer Center
Minimally Invasive Urology Institute
Cedars-Sinai
Los Angeles, CA

5. David S. Sharp, MD
Assistant Professor
College of Medicine – Department of Urology
Ohio State University
Columbus – Ohio

Wilson R. Molina, MD