

## **CURRICULUM VITAE**

### **PERSONAL INFORMATION**

Name: **Eduardo Kleer, M.D.**

Office Address: Huron Valley Urology Associates, a Div of MMP  
5333 McAuley Dr. Suite 3001  
Ypsilanti, MI 48197  
Phone: 734-712-8100

Citizenship: USA  
Languages: Fluent in Spanish and French

### **EDUCATION**

Undergraduate Education University of Michigan  
Ann Arbor, MI  
BS, Honors College, Cellular and Molecular Biology  
May 1985

Medical Education Wayne State University School of Medicine  
Detroit, MI  
M.D., June 1989

### **POSTGRADUATE TRAINING**

1989-1990 Internship – General Surgery: Mayo Graduate School of Medicine,  
Rochester, Minnesota

1990-1995 Residency – Urology, Mayo Graduate School of Medicine,  
Rochester, Minnesota

### **CURRENT POSITION**

1995-present Primary Active Staff – St. Joseph Mercy Hospital, Ann Arbor, MI.

1999-present Adjunct Clinical Instructor- University of Michigan, Department of  
Urology, Ann Arbor, MI.

2011-present Head, Section of Urology- St. Joseph Mercy Hospital, Ann Arbor, MI.

## **CERTIFICATION AND LICENSURE**

1990            National Board of Medical Examiners  
1997            Urology, Board certified  
2006            Urology, Board re-certified

## **HONORS AND AWARDS**

### University of Michigan

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Honors College Graduate  
Cum Laude

### Wayne State University School of Medicine

Distinction in Biomedical Research  
Aesculapian Honor Society

### Residency in Urology, Mayo Graduate School of Medicine

Awarded \$1500 extramural research grant from the National Kidney Foundation of the Upper Midwest, Inc., 11/92; grant title, "Ureteral substitution utilizing polyglactin mesh composite membrane," Kleer, E., Lewis, R.W., Barrett, D.M., and Blute, M.L.

### Blue Care Network Excellency in Specialty Care

Award given for having received a perfect score from all Blue Care Network surveyed patients who saw a specialist in 2004

### Thirteenth Annual Research Forum, St. Joseph Mercy Hospital, Ann Arbor, Michigan, 4/24/07-Research Mentor

3<sup>rd</sup> price awarded in Oral Presentation, "Testosterone and PSA Suppression with LHRH-Analogues in Patients with Prostate Cancer: Establishing Optimal Dosing at Lower Cost," Greil, S., Robinson, E.A., Singal, B., and Kleer, E.

### Dr. Edwin Thirlby Award, North Central Section of the American Urological Association, Sept 24-27, 2008, Chicago, IL

Award for the best scientific presentation in the private practice setting for the presentation "Testosterone and PSA Suppression with LHRH-Analogues in Patients with Prostate Cancer: Establishing Optimal dosing at Lower Cost," Kleer, E., Greil, S., Robinson, E.A., and Singal, B.

### Best Doctors in America Listing, 2010, 2011, 2012

### Hour Detroit Magazine's "Top Docs" Listing, 2010, 2011

### Section Head of Urology, St. Joseph Mercy Hospital, appointed April, 2011

## **PROFESSIONAL ORGANIZATIONS**

Washtenaw County Medical Society  
Michigan State Medical Society  
American Medical Association  
American Urological Society

## **RESEARCH RELATED AFFILIATIONS**

Ann Arbor Regional CCOP  
NCCTG (North Central Cancer Treatment Group)  
ECOG (Eastern Cooperative Oncology Group)  
NSABP (National Surgery Adjuvant Breast and Bowel Project)  
RTOG (Radiation Therapy Oncology Group)  
SWOG (Southwest Oncology Group)  
UMCC Network (University of Michigan Network)

## **TEACHING RESPONSIBILITIES**

1997-present	St. Joseph Mercy Hospital General Surgery residents in urology rotation
1999-present	University of Michigan Urology residents in urology rotation at St. Joseph Mercy Hospital
2001-present	University of Michigan Gynecologic Oncology Fellows in urology rotation at St. Joseph Mercy Hospital
1997-present	St. Joseph Mercy Hospital Internal Medicine residents in urology rotation

## **INVITED PRESENTATIONS**

1. "A ureteral "spiral" flap for reestablishing continuity in transected ureteral segments: studies in the canine ureter". Arizona Urological Society Meeting April 17, 1994.
2. "The Management of Stone Disease in Pregnancy". Obstetrics and Gynecology Grand Rounds, December 28, 1994 and March 8, 1994: Urology Grand Rounds, Mayo Clinic, February 2, 1995.
3. "Benign Prostatic Hyperplasia: pathogenesis and treatment". Urology Grand Rounds, University of Michigan, March 3, 1995.
4. "Stone disease in pregnancy: treatment algorithms". Obstetrics and Gynecology Grand Rounds, St. Joseph Mercy Hospital, Ann Arbor, MI, August 31, 1995.

5. "Update on the management of genitourinary trauma". General Surgery Grand Rounds, St. Joseph Mercy Hospital, October 10, 1995.
6. "Genitourinary problems in the emergency room". Emergency Medicine Grand Rounds, University of Michigan/St. Joseph Mercy Hospital, November 29, 1995.
7. "The practical management of urinary incontinence". Family Practice Grand Rounds, St. Joseph Mercy Hospital, Ann Arbor, Michigan, March 27, 1996.
8. "The myths and facts of PSA and prostate cancer". Internal Medicine Grand Rounds, April 23, 1996.
9. "Understanding the interrelationship between PSA, benign prostatic hyperplasia, and prostate cancer". Urology Grand Rounds, National University of Rosario and Urological Society of Rosario, Argentina, September 3, 1996.
10. "The management of transitional cell carcinoma". Urology Grand Rounds, National University of Rosario and Urological Society of Rosario, Argentina, September 3, 1996.
11. "Causes and treatment of benign prostatic hyperplasia". Internal Medicine Grand Rounds, Oakwood Hospital Beyer Center, Ypsilanti, MI, September 12, 1996.
12. "Controversies and realities about the treatment of prostate cancer". Family Practice Grand Rounds, University of Michigan, September 18, 1996.
13. "Radical prostatectomy for prostate cancer". Prostate cancer symposium, St. Joseph Mercy Hospital, September 25, 1996.
14. "The management of benign prostatic hyperplasia in the primary care setting". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, March 26, 1997.
15. "The natural history and treatment options of benign prostatic hyperplasia". Internal Medicine Grand Rounds, St. Joseph Mercy Hospital, May 21, 1997.
16. Course director and presenter for: Urology Symposium for primary care physicians- "The practical management of common urological problems in the primary care setting". St. Joseph Mercy Hospital, October 4, 1997.
17. "The management of genitourinary trauma for the general surgeon". General Surgery Grand Rounds, St. Joseph Mercy Hospital, December 2, 1997.
18. "The management of the prostate at the end of the 20<sup>th</sup> century". Internal Medicine Grand Rounds, St. Joseph Mercy Hospital, July 29, 1998.

19. "Slings in the management of stress urinary incontinence". Obstetrics and Gynecology Grand Rounds, St. Joseph Mercy Hospital, October 1, 1998.
20. "Current concepts in the management of benign prostatic hyperplasia and prostate cancer". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, November 30, 1998.
21. "The management of vesical-ureteral reflux". Pediatrics Grand Rounds, St. Joseph Mercy Hospital, March 25, 1999.
22. "The management of urinary incontinence for the primary care physician". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, October 14, 1999.
23. "The management of stone disease and hematuria". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, July 24, 2000.
24. "Hematuria and stone disease: evaluation and management". Family Practice Grand Rounds, St. Joseph Mercy Hospital, September 27, 2000.
25. "The management of urinary incontinence in the primary care setting". Internal Medicine Grand Rounds, St. Joseph Mercy Hospital, November 29, 2000.
26. "Practical urological pointers in the primary care setting: minimizing the need for referrals". Internal Medicine Grand Rounds, St. Joseph Mercy Hospital, April 25, 2001.
27. "Current concepts in the management of erectile dysfunction". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, May 25, 2001.
28. "Urological problems in gynecological practice". Obstetrics and Gynecology Resident Conference, St. Joseph Mercy Hospital, June 27, 2001.
29. "Medical management and prevention of urinary tract calculi". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, August 16, 2001.
30. "The practical management of urological problems in the primary care setting". Internal Medicine Grand Rounds, St. Joseph Mercy Hospital, August 7, 2002.
31. "Primary care evaluation and management of hematuria and stone disease". Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, August 25, 2003.
32. "The management of urinary incontinence for the gynecologist". Obstetrics and Gynecology Resident Afternoon Conference, St. Joseph Mercy Hospital, October 1, 2003.

33. "State of the art management of erectile dysfunction". Internal Medicine Grand Rounds, October 8, 2003.
34. "Treatment options in the management of urinary incontinence". Women's Health Symposium for Internists and Gynecologists, St Joseph Mercy Hospital, March 20, 2004.
35. "Urological physiology for the general surgeon". General Surgery Resident Conference, St. Joseph Mercy Hospital, June 22, 2004.
36. "Stones and Hematuria. Everything you need to know". Internal Medicine Resident Noon conference, St. Joseph Mercy Hospital, August 23, 2004
37. "The Management of Renal Cell Carcinoma". In the Know with Uro Nurses conference, St. Joseph Mercy Hospital, September 10, 2004.
38. "The Primary Care Physician Management of Hematuria and Urolithiasis." Internal Medicine Resident Noon conference, St. Joseph Mercy Hospital, July 18, 2005.
39. "The Primary Care Physician Management of Erectile Dysfunction." Internal Medicine Resident Noon conference, St. Joseph Mercy Hospital, September 23, 2005.
40. "An Update on the Management of Urinary Incontinence." Geriatric's symposium, St. Joseph Mercy Hospital, November 19, 2005.
41. "Urology for the General Surgeon." General Surgery Resident Conference, St. Joseph Mercy Hospital, March 28, 2006.
42. "The Modern Management of Prostate Cancer." Internal Medicine Grand Rounds, St. Joseph Mercy Hospital, August 23, 2006.
43. "The Modern Management of Renal Cell Cancer." Society of Urologic Nurses and Associates Conference, St. Joseph Mercy Hospital, February 14, 2007.
44. "Urinary Tract Stones and Hematuria: Management for the Primary Care Physician." Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, July 19, 2007.
45. "The Modern Management of Erectile Dysfunction for the Primary Care Physician." Internal Medicine Resident Noon Conference, St. Joseph Mercy Hospital, August 3, 2007.

46. "Testosterone and PSA Suppression with LHRH-Analogues in Patients with Prostate Cancer: Establishing Optimal dosing at Lower Cost," Kleer, E., Greil, S., Robinson, E.A., and Singal, B., North Central Section of the American Urological Association, Sept 24-27, 2008, Chicago, IL
47. "Urological Physiology for Urological Nursing," Urology Day Nursing Symposium, St. Joseph Mercy Hospital, January 6, 2009.
48. "Testosterone and PSA Suppression with LHRH-Analogues in Patients with Prostate Cancer: Establishing Optimal dosing at Lower Cost," Kleer, E., Greil, S., Robinson, E.A., and Singal, B., University of Michigan Department of Urology Grand Rounds, January 8, 2009.
49. "Use of the DaVinci Robot in Urological Surgeries," Society of Urological Nurses and Associates Conference, Sheraton, Novi, MI, March 26, 2010

#### **PROFESSIONAL COMMITTEES AND ADMINISTRATIVE SERVICE**

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|--------------|---|
| 1999-present | Secretary- Section of Urology, Department of Surgery, St. Joseph Mercy Hospital, Ann Arbor, MI.               |
| 1999-2002    | Department of Surgery Residency Admissions Committee, St. Joseph Mercy Hospital, Ann Arbor, MI.               |
| 2000         | Department of Obstetrics and Gynecology Five-year Review Committee, St. Joseph Mercy Hospital, Ann Arbor, MI. |
| 2002         | Department of Anesthesia Five-year Review Committee, St. Joseph Mercy Hospital, Ann Arbor, MI.                |
| 2002-present | Pharmacy and Therapeutics Committee. St. Joseph Mercy Hospital, Ann Arbor, MI.                                |
| 2008         | Huron Valley Physicians Organization Specialty Executive Committee  |
| 2009         | Department of Obstetrics and Gynecology Five-Year Review Committee, St. Joseph Mercy Hospital, Ann Arbor, MI  |
| 2009-10      | Board of Governors, Michigan Multispecialty Physicians, St. Joseph Mercy Hospital, Ann Arbor, MI              |
| 2011         | Section Head of Urology, Department of Surgery, St. Joseph Mercy Hospital, Ann Arbor, MI                      |

#### **PUBLICATIONS**

1. Koek, W., **Kleer, E.**, Mudar, P.J. and Woods, J.H.: Phencyclidine-like catalepsy induced by the excitatory amino acid antagonist DL-2-amino-5-phosphonovalerate. Behavioral Brain Research, 19:257, 1986.
2. Powell, I., Tyrkus, M., and **Kleer, E.**: Apparent correlation chromosome loss and disease course in urothelial cancer. Cancer Genetics Cytogenetics, 50:97, 1990.

3. **Kleer, E.** and Oesterling, J.E.: Transitional cell carcinoma of the upper tracts. *Problems in Urology*, 6:531,1992.
4. **Kleer, E.**, Larson-Keller, J.J., Zincke, H. and Oesterling, J.E.: Ability of preoperative serum prostate specific antigen to predict pathologic stage and DNA ploidy: influence of clinical stage and tumor grade. *Urology*, 41:207, 1993.
5. **Kleer, E.** and Oesterling, J.E.: Prostate specific antigen and staging of localized prostate cancer. *Urologic Clinics of North America*, 20:695, 1993.
6. Cheville, J.C., Dundore, P.A., Nascimento, A.G., Meneses, M., **Kleer, E.**, Farrow, G.M. and Bostwick, D.G.: Leiomyosarcoma of the prostate: report of 23 cases. *Cancer*, 76(8):1422-7, 1995.
7. Harmon, W.J., **Kleer, E.** and Segura, J.W.: Laparoscopic pyelolithotomy for calculus removal in a pelvic kidney. *J. Urology*, 155:2019, 1996.
8. Greil, S., Robinson, E.A., Singal, B., **Kleer, E.**: Efficacy over Time of LHRH analogs in the Treatment of Prostate Cancer- A Prospective Analysis Using Serum Testosterone to Determine Dosing Intervals. *Urology*, 73:631-634, 2009.

#### **BOOK CHAPTERS**

1. **Kleer, E.** and Barrett, D.M.: The use of the artificial genitourinary sphincter in the treatment of female incontinence. *Textbook of Operative Urology*, Marshall F.F. (ed.), pp. 621-629, 1996, W.B. Saunders, Philadelphia.
2. **Kleer, E.** and Barrett, D.M.: The use of the artificial genitourinary sphincter in the treatment of female incontinence. *Textbook of operative Urology*, Marshall F.F. (ed.), pp. 794-797, 1996, W.B. Saunders, Philadelphia.

#### **LETTERS TO THE EDITOR**

**Kleer, E.**, Powell, I.J., and Tyrkus, M.: Letter to the Editor RE: The importance of marker chromosomes in superficial transitional cell carcinoma of the bladder: 50 patients followed up to 17 years. *J. Urology* 142:133, 1989.

## ABSTRACTS

1. Lande, M.A., **Kleer, E.** and Greene, B.M.: Keratocyte matrix synthesis stimulation by O. Volvulus antigens. Investigative Ophthalmology and Visual Sciences, 25-69, 1984.
2. **Kleer, E.**, Larson-Keller, J.J., Zincke, H. and Oesterling, J.E.: Ability of preoperative serum prostate specific antigen to predict pathologic stage and DNA ploidy: influence of clinical stage and tumor grade. J. Urology, 147:386A, 1992.
3. **Kleer, E.**, Lewis, R.W., Oesterling, J.E. and King, B.F.: A comparison of RUS versus MRI in the evaluation of prostatic volume. J. Urology, 147:293A, 1992.
4. **Kleer, E.**, Lewis, R.W., King, B.F., McKusick, M.A. and Hattery, R.R.: The use of color duplex Doppler and pelvic arteriography for the diagnosis of unusual penile abnormalities. International J. Impotence, 4(Supple. 2): A75, 1992.
5. Meneses, M.F., Bostwick, D.G., **Kleer, E.**, Kurtin, R.J., Nascimiento, A.G. and Oesterling, J.E.: Leiomyosarcoma of the prostate. Modern Pathology, 6:64A, 1993.
6. **Kleer, E.**, Lewis, R.W., Farrow, G.M., Barrett, D.M. and Blute, M.L.: A ureteral "spiral" flap for re-establishing continuity in transected ureteral segments: studies in the canine ureter. J. Urology, 151:338A, 1994.
7. Long, R.I., **Kleer, E.**, Lewis, R.W., King, B.F. and McKusick, M.A. and Hattery, R.R.: Tailored management of iatrogenic A-V fistula and post traumatic intracorporeal pseudo A.-V fistula using modern radiological tools. J. Urology, 151:347A, 1994.
8. **Kleer, E.**, Lewis, R.W., Farrow, G.M., Barrett, D.M. and Blute, M.L.: A ureteral "spiral" flap for reestablishing continuity in transected ureteral segments: studies in the canine ureter. J. Urology, 151:338A, 1994.
9. Swarup, R., West, N., **Kleer, E.**: Antibiotic Treatment Patterns for Uncomplicated Urinary Tract Infections in a Community Based Emergency Department. Thirteenth Annual Research Forum, St. Joseph Mercy Hospital, Ann Arbor, Michigan, 4/24/07.
10. Greil, S., Robinson, E.A., Singal, B., and **Kleer, E.**: Testosterone and PSA Suppression with LHRH-Analogues in Patients with Prostate Cancer: Establishing Optimal Dosing at Lower Cost. Thirteenth Annual Research Forum, St. Joseph Mercy Hospital, Ann Arbor, Michigan, 4/24/07.

## PRESENTATIONS AT NATIONAL MEETINGS

1. **Kleer, E.**, Larson-Keller, J.J., Zincke, H. and Oesterling, J.E.: PSA and pathological characteristics of clinically localized prostate cancer: ability of preoperative PSA to predict tumor extension and DNA ploidy. North Central Section, AUA, Scottsdale, Arizona, November 1991.
2. **Kleer, E.:** Current concepts in the diagnosis and management of upper tract transitional cell carcinoma. Minnesota Urological Society Meeting, February 7, 1992.
3. **Kleer, E.**, Larson-Keller, J.J., Zincke, H. and Oesterling, J.E.: Ability of preoperative serum prostate specific antigen to predict pathologic stage and DNA ploidy: influence of clinical stage and tumor grade. AUA National Meeting, Washington, D.C., May 1992.
4. **Kleer, E.**, Lewis, R.W., Oesterling, J.E. and King, B.F.: A comparison of TRUS versus MRI in the evaluation of prostatic volume. AUA National Meeting, Washington, D.C., May 1992.
5. **Kleer, E.**, Lewis, R.W., King, B.F., McKusick, M.A. and Hattery, R.R.: The use of color duplex Doppler and pelvic arteriography for the diagnosis of unusual penile abnormalities. 5<sup>th</sup> World Congress on Impotence, Milan, Italy, September 1992.
6. **Kleer, E.**, King, B.F., Oesterling, J.E., Weaver, A.L. and Lewis, R.W.: Estimation of prostatic volume: comparison of transrectal ultrasonography and magnetic resonance imaging using various formulas with pathologic correlation. American Roentgen Ray Society National Meeting, San Francisco, April 1993.
7. **Kleer, E.**, Lewis, R.W., Farrow, G.M., Barrett, D.M. and Blute, M.L.: A ureteral "spiral" flap for reestablishing continuity in transected ureteral segments: studies in the canine ureter. AUA National Meeting, San Francisco, May 1994.
8. Long, R.L., **Kleer, E.**, Lewis, R.W., King, B.F., McKusick, M.A. and Hattery, R.R.: Tailored management of iatrogenic A-V fistula and post traumatic intracorporeal pseudo A-V fistula using modern radiological tools. AUA National Meeting, San Francisco, May 1994.