

## **James K Kuan, BSc, MD, FRCSC, FACS**

### **Swedish Urology Group**

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### **Education**

Undergraduate:	B Sc, Anatomy and Cell Biology (French minor) University of Saskatchewan Saskatoon, SK, Canada	May 1998
	French Immersion Program Université Laval Quebec City, PQ, Canada	Jul 93 to Aug 93
Medical School:	MD with Distinction University of Saskatchewan Saskatoon, SK, Canada	May 1999
Postgraduate training:	Residency – Urology University of Western Ontario London, ON, Canada	Jul 99 to Jun 04
Sub-Specialty Training:	Fellowship – Urologic Trauma and Reconstruction Department of Urology, University of Washington Seattle, WA, USA	Feb 05 to Feb 06

### **Professional Activities**

Swedish Urology Group, Seattle, WA Oct 07 to present

### **Faculty Positions Held**

Acting Assistant Professor – Urology  
Department of Urology, University of Washington  
Seattle, WA, USA Aug 06 to Sep 07

Acting Instructor – Urology  
Department of Urology, University of Washington  
Seattle, WA, USA Feb 05 to Jul 06

### **Hospital Positions**

Urologist, Swedish Medical Center Oct 07 to present

Attending, Harborview Medical Center  
Department of Urology, University of Washington Feb 05 to present

Locum Tenen – Urologist  
Nanaimo Regional General Hospital  
Nanaimo, BC, Canada Jan 05 to Feb 05

University of Washington Medical Center  
Puget Sound Veterans' Affairs Medical Center  
Seattle Cancer Care Alliance Feb 05 to Sep07  
Feb 05 to Sep 07  
Feb 05 to Sep 07

## **Honors and Awards**

### **2007 AUA/Gyrus ACMI Prize Essay Contest, Clinical Research Category**

Anaheim, CA, USA, May 2007

"Renal injury mechanisms in motor vehicle collisions: analysis of the Crash Injury Research and Engineering Network (CIREN) dataset"

### **University of Western Ontario Resident Teaching Award – nominated**

June 2003

### **Canadian Urological Association Annual Meeting, Essay Contest, 1<sup>st</sup> Prize**

St John's, NF, Canada, June 2002

"State-of-the-art endourological training using computer-based virtual reality simulation"

### **University of Western Ontario Urology Residents' Research Day, 2<sup>nd</sup> Prize**

London, ON, Canada, May 2001

"Radical and partial nephrectomy for renal cell carcinoma: post-operative surveillance for recurrent disease"

## **Board Certifications**

American Board of Urology – Board Certified	Feb 07
Royal College of Surgeons Canada – Fellow	Jun 04
Medical Council of Canada	Oct 00
United States Medical Licensing Exam (USMLE)	Apr 04

## **Licensure**

Current:	Washington State Medical Quality Assurance Commission Full License (#44662)	Feb 05 to present
Previous:	British Columbia College of Physicians and Surgeons	Jan 05 to Feb 05
	College of Physicians and Surgeons of Ontario	Jul 99 to Jun 04

## **Memberships and Certificates**

Memberships:	American Urological Association Canadian Urological Association Canadian Medical Association Ontario Medical Association	
Certificates:	Seattle Prostate Institute Brachytherapy Course	Oct 07
	Advanced Trauma Life Support	Feb 01
	Surgical LASER Safety Certification	Dec 00
	Advanced Cardiac Life Support	Feb 99

## **Publications - Peer Reviewed Journals and In Preparation**

Kuan JK, Deubner H, Lee R, Wessells H: Histologic fate of buccal mucosa free grafts prior at closure for staged complex urethroplasty. In preparation.

Broghammer JA, Kuan JK, Friedrich JB, Klein MB, Engrav LH, Wessells H. Cadaveric Allograft Skin: A Temporizing Biologic Dressing in the Treatment of Complex Genital Skin Deficiency. In preparation.

Broghammer J, [Kuan JK](#), Starke L, Porter JR, Wright JL, Wessells HB: Predictors of successful superselective renal angioembolization for renal hemorrhage following blunt injury. In preparation.

Sorensen MD, Long LO, Wessells HB, [Kuan JK](#). Monckeberg's Calciphylaxis with Necrosis of the Glans Penis – A Case Presentation. *Hemodialysis International* 2007; 11: 300-302.

[Kuan JK](#), Kaufman R, Wright JL, Mock C, Nathens AB, Wessells H, Bulger E. Renal injury mechanisms in motor vehicle collisions: analysis of the Crash Injury Research and Engineering Network (CIREN) dataset. *J Urol* 2007; 178: 935-40; discussion 940. Epub 2007 Jul 16.

Touma N, Spodek J, [Kuan JK](#), Shepherd R, Hayman WP, Chin JL. Confirming routine stentograms after cystectomy is unnecessary. *CUAJ* 2007;1:103-5.

Sorensen MD, Long LO, Wessells HB, [Kuan JK](#). Monckeberg's Calciphylaxis with Necrosis of the Glans Penis – A Case Presentation. *Hemodialysis International* 2007; 11: 300-302.

Cox AR, [Kuan JK](#), Razvi H. Emphysematous pyelonephritis: a case report and review of the literature. *Can J Urol* 2006; 13: 3039-43.

[Kuan JK](#), Wright JL, Nathens AB, Rivara FP, Wessells H. American Association for the Surgery of Trauma (AAST) Organ Injury Scale for Kidney Injuries predicts nephrectomy, dialysis and death in patients with blunt injury and nephrectomy for penetrating injuries. *J Trauma* 2006; 60: 351-356.

Cook A, Salle JL, Reid J, Chow KF, [Kuan J](#), Razvi H, Farhat WA, Bagli DJ, Khoury AE. Prospective evaluation of remote, interactive videoconferencing to enhance urology resident education: the genitourinary teleteaching initiative. *J Urol* 2005; 174: 1958-60.

Stephenson AJ, Chetner MP, Rourke K, Gleave ME, Signaevsky M, Palmer B, [Kuan JK](#), Brock GB, Tanguay S. Guidelines for the surveillance of localized renal cell carcinoma based on the patterns of relapse after nephrectomy. *J Urol* 2004; 172: 58-62.

Watterson JD, Beiko DT, [Kuan JK](#), Denstedt JD. A randomized, prospective blinded study validating the acquisition of ureteroscopy skills using a computer based virtual reality endourological simulator. *J Urol* 2002; 168: 1928-1932.

[Kuan JK](#), Brock GB. Selective phosphodiesterase type 5 inhibition using tadalafil for the treatment of erectile dysfunction. *Expert Opin Investig Drugs* 2002; 11: 1615-1622.

[Kuan JK](#), Brock GB. Salvaging the sildenafil non-responder: the role of locally delivered therapies. *Sexual Dysfunction in Medicine* 2001; 2: 39-43.

### **Book Chapters**

[Kuan JK](#): Erectile Dysfunction, in *Point of Care*. London: British Medical Journal, in press.

[Kuan JK](#), Wessells H: Post-Prostatectomy Urethral Strictures, in Brandes (ed): *Urethral Reconstructive Surgery*. Totowa: Humana Press, in press.

[Kuan JK](#), Porter JR, Wessells H: Update on Imaging for Genitourinary Trauma, in Ball (ed): *AUA Update Series, volume 25*. Linthicum: Education and Research Inc., 2006.

[Kuan JK](#), Routt ML, Wessells H: "Genitourinary and Pelvic Trauma", in Mulholland MW, Lillemoe KD, Doherty GM, et al (eds): *Greenfield's Surgery: Scientific Principles and Practice, 4th ed*. Philadelphia: Lippincott, Williams and Wilkins, 2006.

[Kuan JK](#), Brock GB: Pharmacotherapy and External Devices, in Lue (ed): *Atlas of Male Sexual Dysfunction*. Philadelphia, Current Medicine LLC, 2004.

### **Other Publications**

Wessells H, [Kuan J](#). From the bedroom to the exam room: Talk to your doctor about erectile dysfunction. *Journal Newspapers*, in press.

Kuan JK. Urethral Stricture Disease. <http://www.swedishurology.com>

Kuan JK. Residency Goals and Objectives for Harborview Medical Center Urology. UW Residency Curriculum

### **Presentations at Scientific Meetings**

#### **Western Section American Urological Association, Scottsdale, USA, Oct 2007**

Kempe K, Risk MC, Culp SH, Kuan JK, Wessells H. Decreased renal function in traumatic subcapsular hematoma: a 4-case series with Lasix-renogram/GFR.

#### **American Urological Association Meeting, Anaheim, USA, May 2007**

Kuan JK, Kaufman R, Wright JL, Mock C, Nathens AB, Wessells H, Bulger E. Renal injury mechanisms in motor vehicle collisions: analysis of the Crash Injury Research and Engineering Network (CIREN) dataset.

Risk M, Kuan JK, Miller E, Wessells H. Comparison of Dorsal and Ventral Graft Placement on Outcomes Following Buccal Mucosa Onlay Reconstruction of Bulbar Urethral Strictures

#### **American Urological Association Western Section Meeting, Vancouver, Canada, Aug 2005**

Wright JL, Wessells H, Kuan J, Kaufman R, Rivara FP, Mock C, Nathens AB. Correlation of renal injuries to vehicle contact points: findings from the Crash Injury Research and Engineering Network (CIREN) Data.

#### **American Urological Association Meeting, San Antonio, USA, May 2005**

Kuan JK, Wright JL, Nathens AB, Mack C, Rivara FP, Wessells H. Nationwide Validation of the American Association for the Surgery of Trauma (AAST) Organ Injury Scale for Renal Trauma.

Wright JL, Kuan J, Nathens AB, Rivara FP, Wessells H. Predictors of Nephrectomy for renal trauma: results from the National Trauma Data Bank.

#### **Canadian Urological Association Meeting, Whistler, Canada, June 2004**

Kuan JK, Cook AJ, Khoury AE, Razvi H. Initial experience using remote, interactive videoconferencing to enhance the learning of urology trainees: The GU Tele-teaching Initiative.

#### **American Urological Association Meeting, Chicago, USA, May 2003**

Kuan JK, Brock GB. Oral vitamin E and folic acid supplementation during sildenafil therapy for erectile dysfunction improves salvage in non-responders.

#### **Society of International Urology, Stockholm, Sweden, Sept 2002**

Touma N, Tan J, Kuan JK, Shepherd RR, Hayman WP, Chin JL. Re-evaluation of routine "stentograms" following cystectomy.

#### **World Congress of Endourology and SWL, Genoa, Italy, Sept 2002**

Watterson JD, Beiko DT, Kuan JK, Denstedt JD. Acquisition of ureteroscopy skills using a computer-based virtual reality endourological simulator: validation of the UROMentor simulator.

#### **American Urological Association Annual Meeting, Orlando, USA, May 2002**

Watterson JD, Beiko DT, Kuan JK, Denstedt JD. State-of-the-art endourological training using computer-based virtual reality simulation.

#### **University of Western Ontario Urology Residents' Research Day, London, Canada, May 2001**

Kuan JK, Brock GB. Radical and partial nephrectomy for renal cell carcinoma: post-operative surveillance for recurrent disease.

#### **University of Western Ontario Urology Residents' Research Day, London, Canada, April 2000**

Kuan JK, Jaklis Z, Rizkalla K, Chin JL. Epithelioid hemangioendothelioma of the penis: case report and review of the literature.

**Other Professional Activities**

Ad Hoc Reviewer, *British Medical Journal*, Point-of-Care

Ad Hoc Reviewer, *British Journal of Urology, International*

Ad Hoc Reviewer, *Canadian Urological Association Journal*

Harborview Medical Center Trauma Council

Feb 05 to Sep 07

**Invited Presentations**

**University of Washington, Grand Rounds, April 5, 2006**

Emerging Concepts in Renal Trauma

Updated 1.3.08