

**CLARE E. CLOSE, M.D., FAAP, FACS**

Close Pediatric Urology  
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**EDUCATION**

1994 – 1996      Fellow in Pediatric Urology  
Children’s Hospital and Regional Medical Center  
Seattle, Washington

1993 – 1994      Chief Resident in Urology  
University of Washington Medical Center  
Seattle, Washington

1990 – 1993      Resident in Urology  
University of Washington Medical Center  
Seattle, Washington

1988 – 1990      Surgery Intern/Resident  
Virginia Mason Medical Center  
Seattle, Washington

1988              Doctorate of Medicine, Thesis Honors  
University of Washington

1976              Bachelor of Arts, Zoology  
University of Washington

1971 – 1973      Bachelor Major, Biology  
University of Miami  
Coral Gables, Florida

**CERTIFICATION**

2008              Board Certification in Pediatric Urology

1999              Diplomate, American Board of Urology

1994              American Board of Urology, Part 1

1989              National Board of Medical Examiners Diplomate

## LICENSURE

1996 Nevada State Medical License

## ACADEMIC AND PROFESSIONAL APPOINTMENTS

2004 – 2007 Departments Surgery and Pediatrics  
Chief, Pediatric Urology  
The University of Chicago  
Chicago, Illinois

1999 – 2004 Surgical Representative to Children’s Hospital  
Administrative Committee  
Sunrise Hospital and Medical Center  
Las Vegas, Nevada

1997 – 2004 Clinical Assistant Professor  
Department of Surgery and Pediatrics  
University of Nevada School of Medicine  
Las Vegas, Nevada

1995 – 1996 Senior Fellow, Acting Instructor in Pediatric Urology  
Children’s Hospital and Regional Medical Center  
Seattle, Washington

## SOCIETIES

2005 American Urological Association, North Central Section, Member  
2005 American College of Surgeons, Illinois Chapter, Member  
2001 Pacific Rim Association of Pediatric Urology Surgeons, Member  
2000 American College of Surgeons, Fellow  
2000 American Academy of Pediatrics, Fellow  
2000 Society for Pediatric Urology, Fellow  
2000 Society for Fetal Urology, Member  
1999 European Society of Pediatric Urology, Member  
1998 American Urological Association, Active Member  
1997 Society of Women in Urology, Active Member

## **INVITED COMMITTEES:**

### **National**

- 2015-2017 Society for Women's Health Research Interdisciplinary Network on Urology; Washington, D.C.
- 2014 Society for Women's Health Research Interdisciplinary Urology Roundtable: Understanding Urologic Health in Women Across the Lifespan
- 2013 NIDDK Ad Hoc Women's Urologic Health Research Program Planning Meeting,
- 2013 NIDDK Lower Urinary Tract Symptoms Prevention Think Tank
- 2003 American Academy of Pediatrics, Section of Urology Medal Committee

### **Institutional**

- 2007 Comer II Clinic Planning Committee
- 2007 University of Chicago Fetal Center
- 2005 University of Chicago Biological Sciences Division, Practice Plan Improvement Task Force
- 2005 Comer Children's Hospital, OR Operations and Anesthesia Planning Task Force
- 2004 University of Chicago Biological Sciences Division, Academic Promotions Committee

## **RESEARCH GRANTS AND HONORS**

- 1995 Channel 7 Children's Research Foundation, Adelaide, South Adelaide, South Australia, Autoaugmentation peritoneocystoplasty in a sheep model
- 1993 Ansell-Mason Research Scholar in Urology
- 1986 Medical Student Research and Training Program, University of Washington, Seattle, Washington, A new ureteroneocystostomy for a rat kidney transplantation

## EDUCATIONAL CHAPTERS AND ARTICLES

1. Close CE, Berger RE, Immunology of Chlamydia infection. In Mathur S and Fredericks SM (eds.) Perspectives in immunoreproduction: Conception and Contraception. Hemisphere Publishing Corporation, Washington DC, p 281, 1988.
2. Close CE, Burns MW, Mitchell ME. Embryology and congenital disorders of the genitourinary tract. In Sherrard DJ and Krieger JN (eds). The Urinary System. University of Washington, Seattle WA p11.1, 1992.
3. Close CE and Mitchell ME. The Mitrofanoff catheterizable channel: The Seattle experience. Dialogues in Pediatric Urology. 1996.
4. Close CE. Urethral valves and the potential for healing in very young patients. AUA Update Series, 19: 14 106-112, 2000.
5. Close CE, Complication of Enterocystoplasty. Dewan PA and Mitchell ME (eds). *Bladder Augmentation*. London: Arnold Publishers, 1999: 61-70.
6. Close CE, Current surgical trends in ureteral reimplantation: guest editor's notes. Dialogues in Pediatric Urology 24 (11): 1-2, 2001.
7. Close CE and Mitchell ME. Ureteric reimplantation for megaureter. In Frank JD and Snyder HM III (eds). Operative Pediatric Urology, Churchill Livingstone, London, UK. 27-30, 2002.
8. Close CE, The valve bladder, *Adult and Pediatric Urology*, Gillenwater, J; Grayhack, J; Howard, S; Mitchell, M; Brown, B; Ramos, M (eds). Philadelphia, PA. 2311-2318. 2002.
9. Close CE and Mitchell, ME, Posterior urethral valves, *Pediatric Urology*, Gearhart, JP; Rink, RC; Mouriquand, PDE (eds), Philadelphia, PA. 437-445, 2010.
10. Close CE. School bathroom habits impact life-long bladder health: Opening the door to the girl's room. Huffington Post, October 9, 2015.
11. Close CE. On more Mom-to Teen Daughter Talk: The School Bathroom. Huffington Post, November 21, 2016.

## PEER REVIEWED SCIENTIFIC PUBLICATIONS

1. Close CE, Wang SP, and Berger RE. The relationship of infection with Chlamydia trachomatis to the parameters of male infertility and sperm autoimmunity. *Fertility Sterility*, 48:80, 1987.
2. Close CE, Roberts PL, and Berger RE. Cigarettes, alcohol and marijuana are related to pyospermia in infertile men. *Journal of Urology* 144:900, 1990.
3. Mitchell ME, and Close CE. Early primary valve ablation for posterior urethral valves. *Seminars in Pediatric Surgery*, February 1996.
4. Close CE, Carr, MC, Burns MW, Miller JL, Bavendarn TG, Mayo ME, and Mitchell, ME. Interstitial cystitis in children. *Journal of Urology* 156:860, 1996.
5. Close CE and Mitchell ME. The continent gastric tube: New techniques and long-term follow-up. *Journal of Urology* 157: 51, 1997.
6. Close CE, Carr MC, Burns MW and Mitchell ME. Lower urinary tract changes after early valve ablation in neonates and infants: Is early diversion warranted. *Journal of Urology* 157: 984, 1997.
7. Dewan PA, Close CE and Ashworth PJ. Enteric mucosal regrowth after bladder augmentation using demucosalized gut segments. *Journal of Urology* 158: 1141, 1997.
8. Close CE and Mitchell ME. Posterior urethral valves: changing concepts. *Archivo Espanoles de Urologia*, 51: 6 581-587, 1998.
9. Dewan PA, Close CE, Atwood PJ, Byard RJ and Mitchell ME. Augmentation peritoneocystoplasty in a sheep model. *BJU International* 88(4): 414-417, 2001.
10. Close CE. Autoaugmentation gastrocystoplasty. *BJU International* 88: 757-791, 2001.
11. Close CE, Tekgul S, Ganesan G, Carr MC, and Mitchell ME. Flow cytometric analysis of proliferative lesions at the gastrocystoplasty anastomosis. *Journal of Urology* 169: 365-368, 2003.
12. Close CE, Anderson PD, Edwards GA, Mitchell ME, Dewan PA. Autoaugmentation gastrocystoplasty: further studies of the sheep model. *BJU International*, 94(4): 658-662, 2004.

13. Tsuang W, Rapp DE, Feinstein KA, Orvieto M, Close CE. Urethral polyp in asymptomatic male infant with prenatal hydronephrosis. *Journal of Urology* 67 (5):1085.e9-1085.e11, 2006.
14. Close CE. UPJ Obstruction in Infants and Children. *AUA Update Series*. 2007
15. Fromme HB, Msezane L, Close CE. Acute scrotal swelling in a newborn with bacteremia. *Clin Pediatr*, 47: 827-828, 2008.
16. Reynolds WS, Rapp DE, Lucioni A, Msezane L, Feinstein KA, Close CE. Splenic cyst presenting as severe hydronephrosis in a pediatric patient: part 1. *European Urology* 53 (1) 198-200, 2008.
17. Reynolds WS, Rapp DE, Lucioni A, Msezane L, Feinstein KA, Close CE. Splenic cyst presenting as severe hydronephrosis in a pediatric patient: part 2. *European Urology* 53 (2) 446-447, 2008.
18. Reshmi SC<sup>1</sup>, Miller JL, Deplewski D, Close C, Henderson LJ, Littlejohn E, Schwartz S, Waggoner DJ. Evidence of a mechanism for isodicentric chromosome Y formation in a 45,X/46,X,idic(Y)(p11.31)/46,X,del(Y)(p11.31) mosaic karyotype. *Eur J Med Genet* 2011 Mar-Apr;54(2):161-4
19. Esfahani, S.A., Close, C. & Yousefzadeh, D.K. Side to side and interpolar renal duplications: The nonpolar variety. *D.K. Int Urol Nephrol* (2013) 45: 333.
20. Losada L, Amundsen CL, Ashton-Miller J, Chai T, Close C, Damaser M, DiSanto M, Dmochowski R, Fraser MO, Kielb SJ, Kuchel G, Mueller ER, Parker-Autry C, Wolfe AJ, Mallampalli MP. Expert panel of recommendations on lower urinary tract health on women across their lifespan. *J of Womens' Health*, June 2016.

## **PUBLISHED ABSTRACTS**

1. Close CE, Burns MW and Mitchell ME. Use of the pediatric cold knife hook for transurethral resection of posterior urethral valves. *Journal of Urology* 147: 383A, 1992.
2. Close CE, Burns MW, Miller JL and Mitchell ME. Use on continent gastric tubes in urinary tract reconstruction. *Journal of Urology* 151: 234A, 1994.
3. Close CE, Carr MC, Burns MW and Mitchell ME. Lower urinary tract changes after early valve ablation in neonate and infants: Is early diversion warranted? *Journal of Urology* 155: 313A, 1996.
4. Dewan PA, Close CE, Atwood PJ, Byard RJ and Mitchell ME. Augmentation peritoneocystoplasty in a sheep model. *Journal of Urology* 157: 2A, 1997.

5. Rapp DE, Tsuang W, Feinstein KA, Orvieto M, Close CE. Urethral polyp in asymptomatic male infant with prenatal hydronephrosis. *Journal of Urology* 175 (4):227, 2006.

## INVITED LECTURES AND MODERATED SESSIONS

1. Close CE, Raising awareness of bladder health in our schools: engaging our school nurses. Society of Women' Health Interdisciplinary Network on Bladder Health, August 2016, Washington DC.
2. Close CE, Opening the doors to the girls' room; strategies for changing teacher behavior. Society of Women' Health Interdisciplinary Network on Bladder Health, August 2015, Washington DC.
3. Research Needs for Effective Transition in Lifelong Care of Congenital Genitourinary Conditions. Co- Moderator: What should health care professionals be doing and when? Nephrologic/Metabolic Considerations. NIH, Bethesda MD, Feb 2 2015
4. Close, CE The Role of the Bowel in Bladder Health. Path to Prevention of LUTS Workshop, NIDDK, Bethesda MD, May3-4 2014
5. Close, CE Pediatric Urinary Tract Infections, Western Section American Urologic Association, Las Vegas, NV, October 2009
6. Close, CE Posterior Urethral Valves. UNSOM Pediatric Resident Lecture, August 2009
7. Close, CE Uninary Tract Infection in Childhood. UNSOM Pediatric Resident Lecture, July 2008
8. Close,CE Disorders of Sexual Development. Biology of Human Sexual Development, University of Chicago, October 2007
9. Close,CE Disorders of Sexual Development. Biology of Human Sexual Development, University of Chicago, October 2006
10. Close CE. Alternative Methods of Bladder Augmentation. International Children's Continence Society and European Society for Paediatric Urology, September 2006, Anatalya, Turkey.
11. Close CE. Prenatal diagnoses of urogenital malformations: follow-up of recent cases. University of Chicago Maternal-Fetal Medicine, April, 2006.
12. Close CE. Posterior Urethral Valves. University of Chicago Department of Pediatric Morning Grand Rounds, November 2005.
13. Close CE. Urinary tract infections in children. University of Chicago Department of Pediatric Morning Grand Rounds, July, 2005.



14. Close CE. Common urologic problems in children. 2005 Indiana Pediatric Day, Merrillville, Indiana, June 24, 2005.
15. Close CE. Prenatal diagnosis of genitourinary abnormalities. University of Chicago Radiology Resident Conference, January 20, 2005.
16. Close CE. Prenatal presentation of urogenital sinus malformations. University of Chicago Prenatal Conference, December, 2004.
17. Close CE. Common urologic problems in children. University of Chicago Pediatric Day, October 14, 2004.
18. Close CE. Bladder augmentation in children: where are we going? University of Chicago, Department of Urology Grand Rounds, May, 2003 Chicago, Illinois.
19. Close CE. Moderator, Podium Session: Voiding Dysfunction/Urodynamics. 2003 National Conference and Exhibition, American Academy of Pediatrics Section, October 31 - November 2003, New Orleans, Louisiana.
20. Close CE. Urological emergencies in children. The 6<sup>th</sup> Annual Pediatric Acute Care Symposium, April 11-12, 2003, Las Vegas, Nevada.
21. Close CE. Urological emergencies in children. The 4<sup>th</sup> Annual Pediatric Acute Care Symposium, April 6-7, 2001, Las Vegas, Nevada.
22. Close CE. Urological emergencies in children. The 4<sup>th</sup> Annual Pediatric Acute Care Symposium, April 6-7, 2001, Las Vegas, Nevada.
23. Close CE. Acute care issues in pediatric urology. Department of Pediatrics. University of Nevada School of Medicine, 2000, Las Vegas, Nevada.
24. Close CE. Pediatric Urology: What we do. Department of Pediatric Nursing. Sunrise Children's Hospital, 2000, Las Vegas, Nevada.
25. Close CE. New methods in bladder augmentation. Association of Surgical Technologists 30<sup>th</sup> Annual National Conference, May 1999, Las Vegas, Nevada.
26. Close CE. GU disorders in the newborn. Neonatal Intensive Care Nursing, University Medical Center, May 1999, Las Vegas, Nevada.
27. Close CE. GU disorders in the newborn. Neonatal Intensive Care Nursing, University Medical Center, May 1999, Las Vegas, Nevada.
28. Close CE. Urologic trauma in children. Sunrise Hospital Pediatric Grand Rounds, January 1998, Las Vegas, Nevada.

29. Close CE. Pediatric nephrolithiasis. Sunrise Hospital Pediatric Grand Rounds, November 1996, Las Vegas, Nevada.
30. Close CE. Early primary ablation of urethral obstruction. South Australia Urologic Society Annual Meeting, October 1995, Flinders Range, South Australia.
31. Close CE. Autoaugmentation Gastrocystoplasty, the Seattle experience, University of Adelaide, Department of Surgery Grand Rounds, December 1994, Adelaide, South Australia.

### **SCIENTIFIC PRESENTATIONS**

1. Close CE, Wang SP, and Berger RE. The relationship of infection with Chlamydia trachomatis to the parameters of male infertility and sperm autoimmunity. Presented at the American Fertility Society Annual Meeting, October 1985, Chicago, Illinois.
2. Close CE, Berger RE and Wang SP. Effects of alcohol, marijuana, cigarettes and sexually transmitted disease on the parameters of male infertility. Northwest Urological Society Annual Meeting, December 1986, Tacoma Washington.
3. Close CE, Mitchell ME and Burns MW. Improved instrumentation for transurethral incision of posterior urethral valves. Northwest Urological society Annual Meeting, December 1991, Seattle, Washington.
4. Close CE, Burns MW and Mitchell ME. Use of the pediatric cold knife hook for transurethral resection of posterior urethral valves. The American Urological Association Annual Meeting, May 1992, Washington, D.C.
5. Close CE, Mayo ME, Mitchell ME, Gibbons RP and Burns MW. Management of cystine urolithiasis in young children. Northwest Urological Society Annual Meeting, December 1992, Vancouver, BC, Canada.
6. Close CE, Burns MW, Sumfest J, and Mitchell ME. Use of continent gastric tubes in urinary tract reconstruction. Western Section, American Urological Association Annual Meeting, October 1993, Palm Desert, California.
7. Close CE, Horowitz M, and Mitchell ME. Myomectomy augmentation with demucosalized stomach graft. Northwest Urological Society Annual Meeting, December 1993, Portland, Oregon.
8. Close CE, Burns MW, Miller JL and Mitchell ME. Use of continent gastric tubes in urinary tract reconstruction. The American Urological Association Annual Meeting, May 1994, San Francisco, California.

9. Close CE, Carr MC, Burns MW, Miller JL, Bavendam TG, Mayo ME, and Mitchell ME. Interstitial cystitis in children. American Academy of Pediatrics Annual Meeting. October 1995, San Francisco, California.
10. Close CE, Tekgul S, Ganesan G, Carr MC, and Mitchell ME. Flow cytometric analysis of proliferative lesions at the gastrocystoplasty anastomosis. American Academy of Pediatrics Annual Meeting, October 1995, San Francisco, California.
11. Close CE, Carr MC, Burns MW and Mitchell ME. Lower urinary tract changes after early valve ablation in neonates and infants: Is early diversion warranted? The Society for Pediatric Urology, The American Urological Association Annual Meeting, May 1996, Orlando, Florida.
12. Dewan PA, Close CE, Ashworth PJ, and Mitchell ME. Enteric mucosal regrowth after bladder augmentation using demucosalized gut segments. American Academy of Pediatrics annual Meeting, October 1996, Boston, Massachusetts.
13. Dewan PA, Close CE, Ashworth PJ, and Mitchell ME. Enteric mucosal regrowth after bladder augmentation using demucosalized gut segments. European Society of Pediatric Urology Annual Meeting, April 1997, Rome, Italy.
14. Dewan PA, Close CE, Atwood PJ, Byard RJ and Mitchell ME. Augmentation peritoneocystoplasty in a sheep model. Society of Pediatric Urology Annual Meeting, April 1997, New Orleans, Louisiana.
15. Close CE, Ehall H, Edwards GA, Mitchell ME and Dewan PA. Augmentation gastrocystoplasty in a sheep model. European Society of Pediatric Urology Annual Meeting, April 1999, Istanbul, Turkey.
16. Close CE, Anderson PD, Edwards GA, Mitchell ME, Dewan PA. Successful autoaugmentation gastrocystoplasty in the sheep model. European Society of Paediatric Urology Annual Meeting, 2002, Budapest, Hungary.
17. Feinstein KA, Close CE, Msezane, L, and Shah,RN. Imaging of dysfunctional voiding/elimination in children: So common we don't see it. The Radiological Society of North America Annual Meeting, November 2005, Chicago, Illinois.
18. Close CE and Mueller EP. Raising awareness of bladder health in our schools: engaging our school nurses. National Association School Nurses 48<sup>th</sup> Annual Conference, 30 June 2016, Indianapolis, Indiana.