VIJAYA M. VEMULAKONDA, M.D., J.D.

**CURRICULUM VITAE**

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**Employment and Education**

2015-present Division of Urology, University of Colorado, Aurora, Colorado

Associate Professor, Pediatric Urology

2010-2015 Division of Urology, University of Colorado, Aurora, Colorado

Assistant Professor, Pediatric Urology

2008-2010 Division of Urologic Surgery, Washington University, Saint Louis, Missouri, Assistant Professor, Pediatric Urology

2007-2008 Department of Urology, University of Washington, Seattle, Washington, Acting Clinical Instructor, Pediatric Urology

2006-2008 Division of Pediatric Urology, University of Washington, Seattle, Washington, Pediatric Urology Fellowship, Completed June 2008

2001-2006 Scott Department of Urology, Baylor College of Medicine, Houston, Texas, Urology Residency, Completed June 2006

2000-2001 Michael E. Debakey Department of Surgery, Baylor College of Medicine, Houston, Texas, Surgical Internship, Completed June 2001

1996-2000 University of Mississippi School of Medicine, Jackson, Mississippi

MD, May 2000

1993-1996 Harvard Law School, Cambridge, Massachusetts

JD, *cum laude*, June 1996

* 1. The George Washington University, Washington, District of Columbia, BA, Political Science, *summa cum laude*, May 1993

**Honors and Awards**

2017-2021 Rising Star in Urology Research Award, American Urologic Association

2017 5280 Top Doc, 5280 Magazine

2016 Distinguished Service in Research Award, Children’s Hospital Colorado Center for Children’s Surgery

2012-2013 American Urologic Association Leadership Program

2011-present Associate Residency Program Director, Division of Urology, University of Colorado School of Medicine

2011-2012 Participant, Colorado CO-Mentor Program

2010-2012 Clinical Faculty Scholars Program, University of Colorado

2004 Cullen Award for Outstanding Resident Research, Scott Department of Urology

2000 Tolbert Award for Outstanding Leadership, University of Mississippi School of Medicine

1996-2000 Norman C. Nelson Scholarship, University of Mississippi School of Medicine

1. Departmental Honors, Political Science, The George Washington University
2. Outstanding Academic Achievement Award, The George Washington University

1992 Phi Beta Kappa, The George Washington University

* 1. University Honors Program, The George Washington University
  2. Dean’s List, The George Washington University
  3. Presidential Honors Scholarship, The George Washington University

**Extracurricular Activities**

2017-present Children's Hospital Colorado Center for Innovation, Urology Innovation Lead

2016-present Children's Hospital Colorado Ethics Committee, Consultation Service Subcommittee Member

2016-present Children's Hospital Colorado Center for Children’s Surgery Research Committee, Member

2014-present University of Colorado Department of Surgery Quality Council, Member

2014-present University of Colorado Division of Urology Residency Clinical Competency Committee, Chair

2014-present University of Colorado Division of Urology Residency Program Evaluation Committee

2010-present Reviewer, Journal of Pediatric Urology

2009-present Reviewer, Journal of Endourology

2008-present Reviewer, Pediatrics

2007-present Reviewer, Journal of Urology

2002-2006 Ben Taub General Hospital, Ethics Committee, Resident Member

1998-2000 American Medical Association, Medical Student Section, Legislative Action Committee, Chairman

1998-2000 University Medical Center Ethics Committee, Education Subcommittee, Student Member

* 1. University Of Mississippi School of Medicine Curriculum Committee, Student Representative
  2. Harvard Women’s Law Journal, Recent Developments Editor, Managing Editor
  3. Harvard Law and Health Care Society, Treasurer
  4. Harvard Women’s Law Association, Political Action Committee

**Professional Society MembershipS**

2013-present Fellow, American College of Legal Medicine

2012-present Fellow, American College of Surgeons

2012-present Fellow, American Academy of Pediatrics

2012-present American Association of Pediatric Urologists

2010- present Society for Fetal Urology

2009- present American Association for Clinical Urologists

2006- present Society for Pediatric Urology

2001- present American Urologic Association

1996- present American Medical Association

**National Committee Appointments**

2017-present Chair, Judicial & Ethics Committee, American Urologic Association

2017-present South Central Section Representative, Bylaws Committee, American Urologic Association

2015-2017 Vice-Chair, Judicial & Ethics Committee, American Urologic Association

2015-present Health Policy Committee, South Central Section, American Urologic Association

2014-present Pediatric Urology Task Force, Methods and Evaluation Committee, American College of Surgeons National Surgical Quality Improvement Project

2014-present Chair, Pediatric Urology Steering Board, Epic Systems

2013-2015 Leadership Program Representative, Health Policy Council, American Urologic Association

2013-present Executive Committee, Judicial & Ethics Committee, American Urologic Association

2011-present South Central Section Representative, Judicial & Ethics Committee, American Urologic Association

**Peer reviewed publications**

1. Blalock, H.J., **Vemulakonda, V.M**., Ritchey, M.L., Ribbeck, M.R., *Management of Phimosis Following Newborn Circumcision,* Journal of Urology, 2003 Jun; 169(6):2332-4
2. **Vemulakonda, V.M**., Somogyi, G.T., Kiss, S., Boone, T.B., Smith, C.P., *Inhibitory Effect of Intravesically Applied Botulinum Toxin A in Chronic Bladder Inflammation*, Journal of Urology, 2005 Feb;173(2):621-4.
3. Smith, C.P., **Vemulakonda, V.M.,** Kiss, S., Boone, T.B., Somogyi, G.T., *Enhanced ATP Release from Rat Bladder Urothelium During Chronic Bladder Inflammation: Effect of Botulinum Toxin A*.*,* Neurochemistry International, 2005 Sep;47(4):291-7.
4. **Vemulakonda, V.M.**, Jones, E.A., *Primer:Diagnosis and Management of Uncomplicated Daytime Wetting in Children,* Nature Clinical Practice Urology, 2006 Oct; 3(10):551-9.
5. Joyner, B.D., **Vemulakonda, V.M.,** *Improving Professionalism: Making the Implicit More Explicit*, Journal of Urology, 2007 June; 177: 2289-2293.
6. **Vemulakonda, V.M.**, Lendvay, T.S., Shnorhavorian, M., Joyner, B.D., Mitchell, M., Grady, R.W., *Metastatic Adenocarcinoma after Augmentation Cystoplasty: A Case Series,* Journal of Urology, 2008 March;179(3): 1094-6.
7. **Vemulakonda, V.M.**, Kopp, R.P., Sorensen, M.D., Grady, R.W., *Recurrent Nephrogenic Adenoma in a 10-year-old with Prune Belly Syndrome: A Case Presentation,* Pediatric Surgery International. 2008 May; 24(5): 605-7*.*
8. **Vemulakonda, V.M.**, Sorensen, M.D, Joyner, B.D. *The Current State of Diversity and Multicultural Training in Urology Residency Programs,* Journal of Urology, 2008 August, 180 (2): 668-72.
9. **Vemulakonda, V.M.**, Cowan, C.A., Lendvay, T.S., Joyner, B.D., Grady, R.W.*Trends in Surgical Management of Congenital Ureteropelvic Junction Obstruction: A Pediatric Health Information System Database Study,* Journal of Urology, 2008 Oct 180 (4 Suppl):1689-92.
10. **Vemulakonda, V.M.**, Koyle, M.A., Lendvay, T.S., Risk, M., Kirsch, A.J., Cheng, E.Y., Cisek, L.J., Campbell, J.B. *Endoscopic Treatment of Symptomatic Refluxing Renal Transplant Ureteroneocystostomies in Children,* Pediatric Transplantation, 2010 Mar; 14(2):212-5*.*
11. Thom M., Campigotto M., **Vemulakonda V.,** Coplen D., Austin P.F.. *Management of Lower Urinary Tract Dysfunction: A Stepwise Approach*, J Pediatr Urol 2012 Feb; 8(1):20-4.
12. Pohlman, G.D., Staulcup, S.J., Masterson, R.M., **Vemulakonda, V.M.,**  *Contributing Factors for Cancellations of Outpatient Pediatric Urology Procedures: Single-Center Experience,*  J Urol 2012 Oct; 188 (4 Suppl):1634-8.
13. Pshak, T.J., Cho, D.S., Hayes, K.L., **Vemulakonda, V.M.,** *Correlation between CT Estimated Tumor Volume, Pathologic Volume, and Final Pathologic Specimen Weight in Children with Wilms Tumor,*  Journal of Pediatric Urology, 2014 Feb; 10 (1):148-54*.*
14. Clements, M.B., Chalmers, D.T., Meyers, M., **Vemulakonda, V.M.,** *Prenatal Diagnosis of Cloacal Exstrophy: A Case Report and Review of the Literature,* Urology 2014 May; 83(5):1162-4*.*
15. **Vemulakonda, V.M.,** Chiang G., Corbett S.T., *Variability in Use of Voiding Cystourethrogram During Initial Evaluation of Infants with Congenital Hydronephrosis,* Urology 2014 May; 83(5):1135-8
16. Bush, R.A., **Vemulakonda, V.M.**, Corbett, S.T., Chiang, G.J.  *Can We Predict A National Profile Of Non-Attendance Pediatric Urology Patients: A Multi-Institutional Electronic Health Record Study*.  Inform Prim Care 2014 May; 21(3): 132-8.
17. **Vemulakonda, V.M.,** Yiee, J., Wilcox, D.T. *Prenatal Hydronephrosis: Postnatal Evaluation and Management,*  Curr Urol Reports, 2014 August; 15(8): 430.
18. Chalmers, D.J., Deakyne, S.J., Payan, M.L., Torok, M.R., Kahn, M.G., **Vemulakonda, V.M.** *Feasibility of Integrating Research Data Collection into Routine Clinical Practice using the Electronic Health Record,*  Journal of Urology, 2014 Oct; 192(4):1215-20.
19. Chalmers, D.J, Siomos, V.J., Gilsdorf, D.J., Torok, M.R., **Vemulakonda, V.M.** *Factors associated with surgical intervention in children with high-grade congenital hydronephrosis.*  Journal of Clinical Urology, 2014 Dec. *Epub ahead of print.*
20. **Vemulakonda, V.M**., Wilcox, D.T., Crombleholme, T.M., Bronsert, M., Kempe, A. *Factors associated with age at pyeloplasty in children with ureteropelvic junction obstruction.*  Pediatric Surgery International. 2015 Sep; 31(9):871-7.
21. **Vemulakonda, V.M**., Wilcox, D.T., Torok, M.R., Hou, A., Campbell, J.B., Kempe, A. *Inter-rater Reliability of Post-Natal Ultrasound Interpretation in Infants with Congenital Hydronephrosis*, International Urology and Nephrology 2015 Sep; 47(9):1457-61.
22. **Vemulakonda, V.M**., Jones J. *Barriers to participation in surgical randomized controlled trials in pediatric urology: A qualitative study of key stakeholder perspectives.* Journal of Pediatric Urology 2016 Jun; 12(3):180 e1-7*.*
23. Kaye, I.Y., Payan M., **Vemulakonda, V.M**.  *Association between clean intermittent catheterization and urinary tract infection in infants and toddlers with spina bifida.* Journal of Pediatric Urology 2016 Mar (*Epub ahead of print).*
24. Carrasco, A. Jr, **Vemulakonda, V.M.**  *Managing adult urinary incontinence from the congenitally incompetent bladder outlet.*  Current Opinions in Urology 2016 Jul; 26 (4): 351-6.
25. Chalmers, D.J., **Vemulakonda, V.M.** *Pediatric Urology for the General Surgeon,* Surgical Clinics of North America 2016 Jun; 96(3):545-65.
26. Polaner, D.M., Almenrader, N., **Vemulakonda, V**. *Caudal analgesia, hypospadias, and uretrocutaneous fistula: Does association mean causality?* Paediatric Anaesthesia 2017 Jul; 27 (7): 676-7.
27. Donmez, M.I., Carrasco, A. Jr., Saltzman, A.F., **Vemulakonda V**., Wilcox, D.T. *Long-term outcomes of cutaneous vesicostomy in patients with neuropathic bladder caused by spina bifida*. Journal of Pediatric Urology 2017 Jun; *Epub ahead of print.*
28. Rove, K.O. Warncke, J.C., **Vemulakonda, V.M.**  *Trends in pediatric urologic consultations ina tertiary care hospital setting.* Journal of Pediatric Urology 2017 Aug; *Epub ahead of print.*

**Invited publications**

1. **Vemulakonda, V.M**., Koyle, M.A., *Endoscopic Treatment of Complex VUR in Pediatric Patients,* Urology Times, 2009 Jan; 37(1):12-13.
2. Chalmers, D.J., **Vemulakonda, V.M.**,  *Antenatal Hydronephrosis: Current Treatment Dilemmas,* AUA News, November 2012.

**Book Chapters**

1. **Vemulakonda, V.M.,**  Grady, R, *Genital Trauma,* in Wilcox D.T., Godbole P.P., Koyle M.A., editors,Pediatric Urology: Surgical Complications and Management, 1st edition, Oxford: Blackwell Publishing, 2008.
2. **Vemulakonda, V.M**., Wilcox, D.T. *Transition to Robotic from Laparoscopic Surgery: Lessons Learned,*  in Gundeti, MS, editor, Pediatric Robotic and Reconstructive Urology; A Comprehensive Guide, 1st edition, Oxford:Wiley-Blackwell Publishing, 2012.
3. **Vemulakonda, V.M.,**   *Informed Consent: Principles for Elective Circumcision,*  in Bolnick, D.A., Koyle, M.A., editors, Surgical Guide to Circumcision, 1st edition, Springer-Verlag London Limited, 2012.
4. Chalmers, D.J., **Vemulakonda, V.M.,**  *Genital Trauma,* in Wilcox D.T., Godbole P.P., Koyle M.A., editors,Pediatric Urology: Surgical Complications and Management, 2nd edition, Oxford: Blackwell Publishing, 2012.
5. **Vemulakonda, V.M.,**  Wilcox, D.T.  *Cloacal Exstrophy,* in Puri, P, editor, Pediatric Surgery Atlas Series, 2nd edition, Springer Publishing, 2014.
6. Caldwell, B.T., Chalmers, D.J., **Vemulakonda, V.M.,**  *Genitourinary Trauma,* in Wilcox D.T., Godbole P.P., Cooper C., editors,Pediatric Urology Book, 2016 (<http://www.pediatricurologybook.com>).
7. Carrasco, A. Jr, **Vemulakonda, V.M.,**  *Cloacal Exstrophy,* in Puri, P, editor, Newborn Surgery, 4th edition, Springer Publishing, 2016.

**Presentations—International**

1. **Vemulakonda, V.M.,** *Pediatric Urology I and II,* AUA/CMUN/SMU Scientific Review Course, Mexico City, Mexico, September 2013.
2. **Vemulakonda, V.M**., *Laparoscopic Instrumentation,*  Pediatric Urology Laparoscopic Course, Toronto, Canada, August 2015.
3. **Vemulakonda, V.M.,** Meyers, M., Behrendt, N., Dannull, K. *Association of fetal MRI and US findings with electrolyte abnormalities in suspected bladder outlet obstruction*, Poster Presentation, European Society for Paediatric Urology, 26th Annual Congress, October 2015.
4. **Vemulakonda, V.M.,** *Pediatric Urology I and II,* AUA/CMUN/SMU Scientific Review Course, Mexico City, Mexico, August 2017.

**Presentations—National (Peer Reviewed)**

1. Ritchey, M.L., **Vemulakonda, V.M**., Austin, P.F., *Management of Phimosis/Trapped Penis Following Newborn Circumcision,* Poster Presentation, European Society for Paediatric Urology Joint Meeting, June 2000.
2. Smith, C.P., **Vemulakonda, V.M**., Radziszewski, P., Majewski, M., Borkowski, A., Boone, T.B., Chancellor, M.B., *Botulinum Toxin A Improves Voiding and Pain Indices in Patients With Interstitial Cystitis: A Case Series*, Poster Presentation, NIH/NIDDK Interstitial Cystitis Meeting, October 2003.
3. Smith, C.P., **Vemulakonda, V.M**., Kiss, S., Boone, T.B., Somogyi, G.T., *Botulinum Toxin Inhibits the Afferent Response in Conditions of Bladder Irritation*, Poster Presentation, NIH/NIDDK Interstitial Cystitis Meeting, October 2003.
4. **Vemulakonda, V.M**., Cisek, L.J., Gonzales, E.T., Roth, D.R., Jones, E.A., *Does Axial Skeletal Anatomy Predict Resolution of Vesicoureteral Reflux in Infants?* Moderated Poster Presentation, American Association of Pediatrics, Section on Urology, National Conference and Exhibition, November 2003.
5. Khera, M., Somogyi, G.T., Salas, N., **Vemulakonda, V.M**., Evans, J.L., Kiss, S., Smith, C.P., Boone, T.B., *Effects of Botulinum Toxin with Protamine on Bladder Contractility After Spinal Cord Injury*, Poster Presentation, American Urologic Association, Annual Meeting, May 2004.
6. Khera, M., Smith, C.P., Evans, J.L., **Vemulakonda, V.M**., Kiss, S., Boone, T.B., Somogyi, G.T., *Upregulation of Muscarinic and Alpha-7 Nicotinic Receptors in Bladder Smooth Muscle After Spinal Cord Injury*, Poster Presentation, American Urologic Association, Annual Meeting, May 2004.
7. **Vemulakonda, V.M**., Smith, C.P., Kiss, S., Khera, M., Evans, J.L., Boone, T.B., Somogyi, G.T., *Botulinum Toxin A Inhibits Mechanoreceptor-Mediated Urothelial Release of ATP in Conditions of Bladder Inflammation*, Poster Presentation, American Urologic Association, Annual Meeting, May 2004.
8. **Vemulakonda, V.M**., Somogyi, G.T., Kiss, S., Evans, J.L., Khera, M., Boone, T.B., Smith, C.P., *Intravesical Botulinum Toxin A Inhibits the Afferent Response in the Chronically Inflamed Bladder*, Poster Presentation, American Urologic Association, Annual Meeting, May 2004.
9. Lendvay, T.L., **Vemulakonda, V.M**., *Trends in Surgical Management of Congenital UPJ Obstruction,*  Podium Presentation, American Association of Pediatric Urologists, Annual Meeting, January 2007.
10. **Vemulakonda, V.M.**, Campbell, J.B., Lendvay, T.S., Risk, M.C., Kirsch, A.J., Cheng, E.Y., Cisek, L.J., Koyle, M.A., *Endoscopic Treatment of Symptomatic Refluxing Renal Transplant Ureteroneocystostomies in Children,* Moderated Poster Presentation, American Urologic Association, Annual Meeting, May 2007.
11. **Vemulakonda, V.M.**, Grady, R.W., Cowan, C.A., Joyner, B.D., Lendvay, T.S., *Trends in Surgical Management of Congenital Ureteropelvic Junction Obstruction,* Podium Presentation, American Academy of Pediatrics, Section of Urology, Annual Meeting, October 2007.
12. **Vemulakonda, V.M.**, McLaughlin, J.F., Walker, W.O., Cardenas, D., Topolski, T. *Young Adults with Spina Bifida: Does A Specialized Outpatient Program Make a Difference in Functional Status and Quality of Life?,* Podium Presentation, Society for Research into Hydrocephalus and Spina Bifida, Annual Meeting, June 2008.
13. **Vemulakonda, V.M.**, Walker, W.O., Grady, R.W., Topolski, T.D. *The Association between Employment and Quality of Life in Adolescents and Young Adults with Spina Bifida,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting, October 2008.
14. **Vemulakonda, V.M.**, Walker, W.O., Topolski, T.D., Grady, R.W. *The Effect of Continence on Quality of Life and Perceived Health Status in Adolescents and Young Adults with Spina Bifida,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting, October 2008.
15. Pohlman, G., Staulcup S., Masterson R., **Vemulakonda, V.M.** *Contributing Factors for Cancellations of Outpatient Pediatric Urology Procedures,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting, October 2011.
16. **Vemulakonda, V.M.,** Wilcox D.T., Libby A.M. *Trends in Use of Antibiotic Prophylaxis in Children with Vesicoureteral Reflux,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting, October 2012.
17. **Vemulakonda, V.M.,** Chiang G., Corbett S.T. *Variability in Initial Urologic Evaluation of Infants with Congenital Hydronephrosis: A Multi-Center EPIC Database Study,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting*,* October 2012.
18. **Vemulakonda, V.M.,** Staulcup S.J., Torok, M.R., Hou A.H., Campbell J.B., Wilcox D.T. *Inter-Rater Reliability of Ultrasound Interpretation in Infants with Congenital Hydronephrosis,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting*,* October 2012.
19. **Vemulakonda, V.M.,**  Wilcox D.T., Kahn M.G. *Feasibility of Integrating Research Data Collection into Routine Clinical Practice Using the Epic Electronic Medical Record,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting, October 2012.
20. **Vemulakonda, V.M.,**  Wilcox D.T., Kahn M.G. *Feasibility of Integrating Research Data Collection into Routine Clinical Practice Using the Epic Electronic Medical Record,* Podium Presentation, American Academy of Pediatrics Section on Urology, Annual Meeting, October 2012.
21. **Vemulakonda, V.M.,** Chalmers, D.J., Wilcox, D.T., Libby, A.M.  *Association between Surgery and Antibiotic Prophylaxis in Children with Vesicoureteral Reflux,* Moderated Poster Presentation, American Urologic Association, Annual Meeting, May 2013.
22. **Vemulakonda, V.M.,** Meyers, M., Behrendt, N., Dannull, K. *Association of fetal MRI and US amniotic fluid level assessments with prenatal treatment*, Podium Presentation, American Urologic Association, Annual Meeting, May 2015.
23. **Vemulakonda, V.M.,** Payan, M.L., Wilcox, D.T., *Role of screening VCUG to evaluate for posterior urethral valves in infant males with bilateral hydronephrosis.* Podium Presentation, American Urologic Association, Annual Meeting, May 2015.
24. **Vemulakonda, V.M.,**  Janzen, N., Sevick, C., Chiang, G.  *Variations in adherence to AUA guidelines for vesicoureteral reflux.* Moderated Poster Presentation, American Urologic Association, Annual Meeting, May 2017.

**Presentations—National (invited)**

1. **Vemulakonda, V.M**., *Genetic Testing and Discrimination*, Podium Presentation, American Medical Association Medical Student Section, Interim Meeting, December 1998.
2. **Vemulakonda, V.M**., *ERISA and HMO Liability*, Podium Presentation, American Medical Association Medical Student Section, Interim Meeting, December 1998.
3. **Vemulakonda, V.M**., *Recent Developments in Disability Law*, Podium Presentation, American Medical Association Medical Student Section, Annual Meeting, June 1999.
4. **Vemulakonda, V.M**., *Physician Assisted Suicide*, Podium Presentation, American Medical Association Medical Student Section, Annual Meeting, June 1999
5. **Vemulakonda, V.M.,** Canfield, S., Brandes, S.B., *EMR Based Quality Improvement Initiatives,* Presentation to AUA Board of Directors Meeting, Joint Advocacy Conference, American Urologic Association, March 2013.
6. **Vemulakonda, V.M.,** *EMR- Based Quality Improvement Initiatives in Pediatric Urology,* Panel Discussion, Pediatric Urology Fall Congress, September 2013
7. **Vemulakonda, V.M.,**  Moderator, *Court is in Session*, Plenary Session, American Urologic Association, Annual Meeting, May 2017.

**Presentations—regional**

1. **Vemulakonda, V.M**., Shnorhavorian, M., Lendvay, T., Joyner, B., Grady, R., Mitchell, M., *Gastrocystoplasty in Staged-Closure Classic Bladder Exstrophy Patients: The Seattle Experience,*  Podium Presentation, Northwest Urologic Society, Annual Meeting, December 2006.
2. **Vemulakonda, V.M.**, Anderson, A.M., Joyner, B.D., Lendvay, T.S., Grady, R.W., *Determinants of Health Related Quality of Life in Adolescents with Spina Bifida,* Western Section American Urologic Association, Annual Meeting, October 2007.
3. **Vemulakonda, V.M.**, Grady, R.W., Cowan, C.A., Joyner, B.D., Lendvay, T.S., *Trends in Surgical Management of Congenital Ureteropelvic Junction Obstruction,* Western Section American Urologic Association, Annual Meeting, November 2007.
4. Chalmers, D., Siparsky, G., **Vemulakonda, V.** Wilcox, D. *EPIC Electronic Medical Record as a Prospective Data Collection Tool for Hypospadias Research,*South Central Section Americal Urologic Association, Annual Meeting, September 2013
5. Siomos, V., Staulcup, S., Torok, M., **Vemulakonda, V.,** *Factors Associated with Surgical Intervention in Children with High-Grade Hydronephrosis,* South Central Section Americal Urologic Association, Annual Meeting, September 2013
6. **Vemulakonda, V.M.,** Payan, M.L., Torok, M.R., Campbell, J.B., Wilcox, D.T., *Factors associated with pyeloplasty in infants with suspected UPJ Obstruction.* Podium Presentation, South Central Section American Urologic Association, Annual Meeting, October 2015.
7. Kaye, I, Payan, M.L., **Vemulakonda, V.M.,** *Association between CIC and UTI in infants and toddlers with spina bifida.* Podium Presentation, South Central Section American Urologic Association, Annual Meeting, October 2015.
8. **Vemulakonda, V.M.,** Payan, M.L., Cost, N.G., Campbell, J.B., Wilcox, D.T., *Role of MAG-3 Renography in children with primary congenital megaureter.* Podium Presentation, South Central Section American Urologic Association, Annual Meeting, October 2015.
9. **Vemulakonda, V.M.,**  Janzen, N., Sevick, C., Chiang, G.  *Feasibility of establishing a multi-center research network.* South Central Section American Urologic Association, Annual Meeting, November 2017.

**Presentations—local**

1. **Vemulakonda, V.M**., *Laparoscopic and Robotic Surgery in Kids*, Early Bird Rounds, Department of Pediatrics, Saint Louis Children’s Hospital, January 2009.
2. **Vemulakonda, V.M**., *Laparoscopic and Robotic Techniques in Pediatric Urology*, Grand Rounds, Division of Pediatric Surgery, Saint Louis Children’s Hospital, June 2009.
3. **Vemulakonda, V.M**., *Understanding Professionalism*, Grand Rounds, Division of Pediatric Anesthesiology, Saint Louis Children’s Hospital, September 2009.
4. **Vemulakonda, V.M**., *Bladder Exstrophy*, Grand Rounds, Division of Pediatric Urology, The Children’s Hospital, Denver, September 2010.
5. **Vemulakonda, V.M**. *Antenatal Hydronephrosis: An Approach to Management,* Pediatric Urology Care Conference, Children’s Hospital Colorado, July 2011.
6. **Vemulakonda, V.M**, *Perioperative Considerations for Bladder Reconstruction*, Surgical Population Pathway Educational Conference, Children’s Hospital Colorado, October 2011.
7. **Vemulakonda, V.M**. *Treatment of Vesicoureteral Reflux: What do we really know?,* Pediatric Urology Care Conference, Children’s Hospital Colorado, July 2012.
8. **Vemulakonda, V.M**. *Principles of Negotiation,* Clinical Faculty Scholars Special Topics Monthly Seminar, University of Colorado Denver, September 2012.
9. **Vemulakonda, V.M**. *Prenatal Hydronephrosis,* Rocky Mountain Youth Clinic, June 2013
10. **Vemulakonda, V.M.** *Bladder Exstrophy,* Grand Rounds, Division of Neonatology, Department of Pediatrics, University of Colorado Denver, January 2014
11. **Vemulakonda, V.M**., *Robotic Surgery in Kids,*  Grand Rounds, Perioperative Services, University of Colorado Hospital, March 2014
12. **Vemulakonda, V.M.** *Antenatal Hydronephrosis: Evaluation and Management,* NICU Grand Rounds, Children’s Hospital Colorado, April 2014
13. **Vemulakonda, V.M**., *Role of the EHR in Quality Improvement and Research* , Department of Surgery Grand Rounds, University of Colorado Denver, December 2014
14. **Vemulakonda, V.M.** *Posterior Urethral Valves:Urologic Evaluation and Treatment,* CIMFH Grand Rounds, Children’s Hospital Colorado, June 2015

**Grants Awarded**

**1. Department of Surgery AEF Seed Grant (Awarded 9/2011)**

**Vemulakonda (PI) Budget: $35,000/2 years Status: Completed**

*Feasibility of surgical randomization in children with congenital hydronephrosis*

The goal of this study is to identify provider and parental barriers to surgical randomization in children with congenital using qualitative and quantitative methods. Focus groups were conducted with parents, primary care providers, and urologic specialists. Results have been accepted for publication.

**2. CHC Research Institute Pilot Grant (Awarded 11/2011)**

**Vemulakonda (PI) Budget: $20,000/1 year Status: Completed**

*Feasibility of implementing a standardized diagnostic protocol for children with congenital hydronephrosis*

The goal of this study is to implement a standardized diagnostic algorithm for children diagnosed with congenital hydronephrosis in the first year of life. The algorithm has been implemented and prospectively tracked for adherence and physician burden with >80% adherence. Currently, data are being utilized to track automatic data capture and to compare to manual data entry. These results have been used to support two publications and as pilot data for a K08 application.

**3. Department of Surgery AEF Seed Grant (Awarded 9/2012)**

**Vemulakonda (PI) Budget: $25,000/2 years Status: Completed**

*Parental preferences for treatment of children with vesicoureteral reflux*

The goal of this study is to assess parental values and their relationship to parental preferences for medical or surgical management of primary vesicoureteral reflux in children.

1. **AUA Data Grant (Awarded 1/2016)**

**Vemulakonda (PI) Budget: $25,000/1 year Status: Completed**

*Predictors of Adherence to AUA VUR Guidelines*

The goal of this study is to assess current levels of adherence to AUA Guidelines for management of vesicoureteral reflux and to identify predictors of adherence to published guidelines. The proposal established a prospective, multi-center, observational cohort utilizing automated data capture from the Epic electronic medical record across three academic pediatric urology practices. Results from this study have been presented at the American Urologic Association Annual Meeting and the South Central Section of the American Urologic Association Annual Meeting and are currently being used to support two publications. Prospective data capture is ongoing with planned expansion of the research network to an additional two sites in the next year.

**5. AHRQ PCOR K08 Career Development Award (Awarded 9/2016)**

**Vemulakonda (PI) Budget: $125,000/5 years Status: In Process**

*Understanding practice variations in treatment of infants withn suspected UPJ obstruction*

The purpose of this project is understand how demographic characteristics affect initial radiographic evaluation and treatment decisions in infants with suspected ureteropelvic junction (UPJ) obstruction in order to minimize demographic disparities in treatment. The central hypothesis is that patient socioeconomic and regional practice differences are driving variations in treatment and that these variations will be reduced by standardizing the evaluative process. The proposal utilizes qualitative and quantitative methods to better understand variations in treatment decisions within a prospective, multi-center, observational cohort across three academic pediatric urology practices.