**Mark Patrick Cain, M.D., F.A.A.P.**

**Hospital Address:** Riley Hospital for Children at IU Health

 705 Barnhill Dr. Room 4230

 Indianapolis, Indiana 46202

 (317) 944-7446

 FAX: (317) 944-7481

 email: mpcain@iupui.edu

**Home Address:** 7349 North Pennsylvania Street

 Indianapolis, IN 46240

**Date of Birth:**  December 15, 1960

 Frankfurt, Germany

**Citizenship:** U.S.A.

**Family Information:** Wife: Charla Ruth Cain – Married 1987

 Children: Chelsea Camille Cain – 3/4/90

 Alexandra Leigh Cain - 7/19/94

 James Monroe Cain - 3/15/96

**Education:** Undergraduate:

 Willamette University

 Salem, Oregon

 B.A. Chemistry May 8, 1983

 Medical School:

 Oregon Health Sciences University

 Portland, Oregon

 M.D. June 12, 1987

**Postgraduate Education:**

1987 - 1989 Surgery Resident

 Albany Medical Center Hospital

 Albany, New York

1989 - 1991 Urology Resident

 Albany Medical Center Hospital

 Albany, New York

1992-1992 Chief Resident, Urology

 Albany Medical Center Hospital

 Albany, New York

1992 - 1994 Pediatric Urology Fellow

 Mayo Clinic

 Rochester, Minnesota

**Current Appointment:**  **Professor of Pediatric Urology**, Tenured

 Department of Urology

 Indiana University School of Medicine

 2007-

 **Chief of Pediatric Urology**

 Riley Hospital for Children at IU Health

 2012-

 **Pediatric Urology Service Line Leader**

 IU Health Physicians

 2010-

**Previous Appointments:** Associate Professor of Pediatric Urology, Tenured

 Department of Urology

 Indiana University School of Medicine

 2002 - 2007

 Assistant Professor of Pediatric Urology

 Department of Urology

 Indiana University Medical Center

 1996 - 2002

 Assistant Professor of Urology and Pediatrics

 Division of Urology and Dept. of Pediatrics

 Georgetown University Medical Center

 1994 - 1996

 Clinical Assistant Professor of Pediatrics

 Department of Pediatrics

 University of Virginia School of Medicine

 1996-1997

**Certification:** National Board of Medical Examiners,

 Part I, II, III Completed 1988

 Diplomat, American Board of Urology

 Part I, 1992 Part II, 1996

 Recertification, 2015-2028

 Diplomat, American Board of Urology

 Subspecialty Certification in Pediatrics, 2008

 Recertification, 2015-2028

**Medical Licensure:** Indiana: 01045572

 New York: 181418-1 (inactive)

 Minnesota: 35599 (inactive)

 D.C. 20758 (inactive)

 Virginia: 0101050704 (inactive)

 Maryland: D46023 (inactive)

**Medical Societies:** American Urological Association

 American Urological Association,

 North Central Section Member

 American Academy of Pediatrics,

 Section of Urology

 Society of University Urologists

 European Society of Pediatric Urologists

 Society for Fetal Urology

 Society of Pediatric Urology

 Fellow, Society of Pediatric Urology

 American Association of Pediatric Urologists

 Indianapolis Medical Society

 Indiana State Medical Association

 Indiana Urologic Society

 Societe International d’Urologie

**Honor Societies:** Omicron Delta Kappa

 Mortar Board

 Beta Alpha Gamma

 Alpha Lambda Delta

 Eagle Scout

**Committees/Service Local:**

 Georgetown University Hospital Operating Room

 Re-engineering committee, 1996

 Clarian Health Web Council, 1997-1999

 Riley Hospital Ambulatory Care Committee 1997-2000

 IUSM Compliance Committee, 1997-2008

 IUSM Managed Care Committee, 1997-99

 IUPUI Faculty Handbook Committee, 1997-2001

 Department of Urology Compliance Officer, 1998-2010

 Department of Urology Finance Committee 2000-2001

 Children’s Oncology Group, Urology Rep, 1999-2005

Indiana University School of Medicine, Data Driven

 Decision Making, Clinical Design Team, 2004

 Physician Feedback Committee, Clarian Health Hospital

 Systems, 2004

Riley Hospital for Children, OR Scheduling Guidelines

 Sub-Committee, 2005

 Riley Hospital Regional Relations Committee, 2006-8

 Riley Hospital, Physician Director Telemedicine, 2006-8

 Clarian Health Operations Improvement Program

Committee, Riley Hospital OR Turn Around Time, 2007

Indiana University Medical Group - Specialty Care Finance Committee, 2007-8

Riley Hospital Marketing Committee, 2010-2012

Pediatric Urology Service Line Chief, Indiana Clinic/

 IU Health, 2010-

Riley Outpatient Surgery Center Operations Committee, 2010-2016

IU North Hospital OR Surgical Steering Committee,

2011-2014

Riley Hospital Strategic Planning Committee, 2011-2014

Riley Outpatient Center Planning Group, 2011-2013

Riley Medical Care Committee, 2012-2014

**US News and World Report, Best Children’s Hospital**

 **Urology Working Group 2014-2016**

 IUHP APP Task Force, 2014

 **ROC Surgery, LLC Board of Managers, 2015-2018**

**IU Health Physicians Council, 2011-2016**

Riley Hospital OR Committee, 2011-

**Riley Hospital Surgical Exec Committee, 2011-2016**

 Riley Hospital Surgical Operations Committee, 2014-2016

 **IUHP Finance Committee, 2016-**

 **Riley Hospital Perioperative Exec Committee, 2016-**

 **Riley Hospital Strategic Planning Committee, 2017-**

**Committees/Services National:**

 **American Board of Urology**

**Exam Committee 2012-2016**

**Pediatric Task Force Chair, 2015-2016**

**Pediatric Senior Consultant/Editor, 2016-2021**

**Chair, Pediatric Subspecialty Certifying Exam, 2016-2021**

**Part II Oral Examination Committee, 2017-**

 **Society for Pediatric Urology**

 **Executive Committee, 2014-2017**

 **Program Committee 2015**

 **Program Review Committee 2016**

**American Academy of Pediatrics, Section on Urology:**

Moderator, Poster Session, 1997 Annual Meeting

**Program Committee**, 1999 Annual Meeting

 Moderator, Podium Session, 2001 Annual Meeting

 Moderator, Podium Session, 2002 Annual Meeting

 Unified Coding Committee, 2003-2006

**Program Committee**, 2004 Annual Meeting.

 **Program Committee**, 2005 Annual Meeting.

**Program Committee Chairman**, 2006 Annual Meeting

 Long Range Planning Committee, 2005-2007

 **Executive Committee, 2006-2009**

Coordinating Council, 2006-2009

 **Program Committee,** 2007 Annual Meeting

 **Publications Chairman**, 2007-2008

 **AAP/ESPU Traveling Fellowship Chair** 2008-2011

 **Manuscript Oversight Chair**, 2010

 Moderator, Video Panel, 2011

 **Chairman Elect**, Section on Urology, 2016

 **Executive Committee, 2016-2018**

 **AAP Medal Committee, 2016**

 **Nominating Committee, 2016-17**

 **Chair, Section on Urology, 2016-2017**

 **American Urological Association, North Central Section**

 Young Leadership Committee, North Central Section,

American Urological Association, 1998-04

 Vice-Chairman, 2001-2002

 **Chairman**, 2002-2003

 **Board of Directors,** 2002-2003

 Long Range Planning Committee, 2002-2003

 Moderator, Podium Session, 2002 Annual Meeting

 Moderator, Podium Session, 2003 Annual Meeting

 Moderator, Midwest Pediatric Urology Group, 2003

 Moderator, Young Urologists/Residents Seminar, 2003

 **Nominating Committee,** Indiana Representative, 2004

Moderator, Midwest Pediatric Urology Group, 2005.

 **Local Arrangements Chair**, 2006 Annual Meeting

 **Program Committee,** 2006

 **American Urological Association:**

 **Program Planning Committee, 2007 National Meeting** **Program Planning Committee, 2008 National Meeting**

 Moderator, 2010 Annual Meeting

Urology Care Foundation Review Panel, Benign Urethral Lesions

In Boys and Girls, 2015-16

**Society of Fetal Urology:**

 **Executive Committee**, Member at Large, 2003-2008

 **Program Chairman**, Spring 2004 Annual Meeting

Moderator, Spring Meeting, 2004

 Publications Chairman 2004-2005

 **President** **2005-2006**

 **Pediatric Urology Fall Congress**

 Moderator, Clinical Prize Finalists, 2013

 Clinical Prize Committee, 2013

 Program Committee, 2014

**Indiana Urological Association:**

 **Board Member**, Indiana Urological Association, 2005.

**Editorial Reviewer:** Journal of Urology

 Journal of Pediatric Surgery

 Urology

 European Urology

 Digital Urology Journal

 Urology Editorial Board, Medscape from WebMD

**Journal of Urology Pediatric Urology Editorial Committee 2010-2013**

**Journal of Urology, Assistant Editor,**

**Pediatric Section, 2016-2018**

**PEDIATRIC UROLOGY FELLOWS MENTORED**

John Pope, M.D., FAAP – Professor, Vanderbilt Children’s Hospital, Nashville, TN

Paul Austin, M.D. - Assoc professor, Washington University, Children’s Hospital, St. Louis, MO

Elizabeth Yerkes, M.D. – Assoc Professor, Lurie Children’s Hospital, Northwestern University,

 Chicago, IL

Jordan Gitlin, M.D. – Pediatric Urology, Long Island Jewish Hospital, New York, NY

Anthony Herndon, M.D. – Professor and Chair, Dept of Urology, University of Richmond,

Richmond, VA

Rosalia Misseri, M.D. – Assoc Professor, Indiana Univ. School of Medicine, Indianapolis, IN

Peter Metcalfe, M.D. – Assistant Professor, University of Alberta, Canada, Alberta, Canada

Jeffrey Leslie, M.D. – Assistant Professor, University of Texas Health Science, San Antonio, TX

Ahmad Bani-Hani, M.D. – Assistant Professor, Thomas Jefferson, Wilmington, DE

Brian VanderBrink, M.D. – Assistant Professor, Cincinnati Children’s Hospital

Ethan Franke, M.D. – Director, Pediatric Urology, Kaiser Permanente, San Diego, CA.

Audrey Rhee, M.D. – Assistant Professor, Cleveland Clinic, Cleveland, Ohio

Ben Whittam M.D. – Assistant Professor, Riley Hospital, Indianapolis, Indiana

Konrad Szymanski, M.D. Assistant Professor, Riley Hospital, Indiana University

Allison Keenan, M.D. Assistant Professor, University of Wisconsin, Madison, WI

Jessica Casey, M.D. Pediatric Urologist, Las Vegas, NV

David Weatherly, M.D. Pediatric Urology Fellow, Indiana University

Adam Rensing, MD. Pediatric Urology Fellow, Indiana University

**Publications:**

1. **Cain, M**, Bennett, AH: Antibiotic Prophylaxis in Open Urological Surgery.

 Infections in Urology 4: 43-48, March/April, 1991.

2. **Cain, M**, Fisher, HAG: Androgen Deprivation Therapy for Disseminated CaP.

 Contemporary Urology. November, 1992

3. **Cain, M**, Bennett, AH: Treatment Choices For Disseminated Prostate Cancer

 Should Relate to Economic Issues. AUA Today 5: 9,20, December, 1992.

4. **Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Alterations in Maternal Epidermal

Growth Factor (EGF) Effect Testicular Descent and Epididymal Development. Urology 43: 375-378, March, 1994.

5. Cromie, WJ, **Cain, MP**, Bellinger, MF: Urethral Valve Incision Using A Modified

 Venous Valvulotome. J. of Urology 151: 1053-1055, April, 1994.

6. **Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Expression of Androgen

 Receptor Protein Within the Lumbar Spinal Cord During Ontologic

 Development and Following Antiandrogen Induced Cryptorchidism. J. of

 Urology 152: 766-769, August, 1994.

7. **Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Epidermal Growth Factor

 (EGF) Reverses Antiandrogen Induced Cryptorchidism and Epididymal

 Development. J of Urology 152: 770-773, August, 1994.

8. Husmann, DA, **Cain, MP**: Microphallus: Eventual Phallic Size is Dependent Upon

 the Timing of Androgen Administration. J. of Urology 152: 734-739,

 August, 1994.

9. **Cain, MP**, Matsumoto, JM, Husmann, DA: Retrograde Filling of the Renal Vein

During Computerized Tomography for Blunt Renal Trauma: An Indicator of Renal Artery Injury. J. of Urology 153: 1247-1248, April 1995.

10. **Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Flutamide Induced Cryptorchidism Is

Associated With Altered Gubernacular Morphology. Urology 46: 553-558, October, 1995.

11. **Cain, MP**, Husmann, DA, McLaren, RH, Kramer, SA: Continuous Epidural

 Anesthesia Following Ureteroneocystostomy In Children. J. of Urology 154:

 791-794, 1995.

12. Mordkin, R, Gibbons, MD, **Cain, MP**: Ileal-Ileal Intussusception: An Unusual

 Complication Following Enterocystoplasty. Urology 47: 138-39, January 1996.

13. **Cain, MP**: Etiology, Diagnosis and Management of Nonreflux Pyelonephritis.

 Guest editor, in Dialogues in Pediatric Urology, 19 (1), January, 1996.

14. McMahon, DR, **Cain, MP**, Husmann, DA, Kramer, SA: Vesical Neck Reconstruction in

Patients With the Exstrophy-Epispadius Complex. J. of Urology 155: 1411-1413, April, 1996.

15. **Cain, MP**: Editorial reply: Continuous Epidural Anesthesia After Ureteroneocystostomy

 in Children. J Urology, 156: 481-482, 1996.

16. **Cain, MP**, Garra, B, Gibbons, MD: Scrotal/Inguinal Ultrasonography: A Technique

 For Identifying The Occult Nonpalpable Inguinal Testis Without Laparoscopy.

 J. of Urology, 156: 791-795, 1996.

17. **Cain, MP**, Vanderslice, R, Gibbons, MD: Antenatally Detected Giant Hydronephrosis.

 Digital Journal of Urology, February, 1997 (http://www.duj.com./Article/Cain.html).

Now available at The Scientific World Journal (2004) 4 (S1), 438-442:

www.thescientificworld.com.

18. Husmann, DA, Levy, JB, **Cain, MP**, Teitjen, DN, Uramoto, GY: Micropenis: Current Concepts and Controversies. AUA Update Series. Lesson 10, Volume 17,1998.

19. Lewis, KM, Pinckert, TL, Kiernan, S, **Cain, MP**, Ghidini, A: Complications of Intrauterine

 Placement of a Vesicoamniotic Shunt. Obstetrics and Gynecology 91: 825-827, 1998.

20. Hudson, RG, **Cain, MP**: Risperidone Associated Hemorrhagic Cystitis. J Urology 160:

 159, 1998.

21. **Cain, MP**, Austin, P: In Utero Bladder Obstruction Secondary to Ureterocele. Society of

 Fetal Urology Winter Newsletter. (http://www.fetalurology.org/newsletters/Winter98)

22. **Cain, MP**, Pope, JC, Casale, AJ, Adams, MC, Keating, M, Rink, RC: Natural History of

Refluxing Distal Ureteral Stumps Following Nephrectomy and Partial Ureterectomy for Vesicoureteral Reflux. J Urology 160: 1026-1027, 1998.

23. Donnahoo, KK, **Cain, MP**, Pope, JC, Casale, AJ, Keating, MA, Adams, MC, Rink, RC: Etiology, Management, and Surgical Complications of Congenital Chordee Without

 Hypospadias. J Urology 160: 1120-1122, 1998.

24. Kronner, KM, Casale, AJ, **Cain, MP**, Pope, JC, Zerin, MJ, Keating, MA, Rink, RC: Bladder

Calculi in the Augmented Bladder: Strategies for Treatment and Preventive Measures to Keep the Incidence Low. J Urology 160: 1096-1098, 1998.

25. Kronner, KM, Simmons, G, Kropp, BF, Pope, JC, Casale, AJ, **Cain, MP**, Rink, RC:

 Artificial Urinary Sphincter in the Treatment of Urinary Incontinence: Preoperative

Urodynamics do not Predict the Need for Future Bladder Augmentation. J Urology 160: 1093-1095, 1998.

26. Austin, PF, **Cain, MP**, Casale, AJ, Hiett, AK, Rink, RC: Prenatal Bladder Outlet

 Obstruction Secondary to Ureterocele. Urology 52: 1132-1135, 1998.

27. **Cain, MP**, Casale, AJ, Rink, RC: Initial Experience Utilizing A Catheterizable

 Ileovesicostomy (Monti Procedure) In Children. Urology 52: 870-873, 1998.

28. Austin, PF, Rink, RC, **Cain, MP**, Casale, AJ, Davis, MM, Faught, PR: Testicular Serous

Papillary Cystadenomatous Tumor of Low Malignant Potential in a Child. J. of Urology 160: 2202-2203, 1998.

29. Ragan, DC, Casale, AJ, Rink, RC, **Cain, MP**, Weaver, DD: Genitourinary Anomalies In

 The CHARGE Association. J. Of Urology 161: 622-624, 1999.

30. **Cain, MP**: Urologic Reconstruction for Total Continence - the MACE Procedure and Newer

Options For Creating a Mitrofanoff Channel. Guest Editor, in Dialogues in Pediatric Urology, 22 (1), January, 1999.

31. Austin, PF, Homsy, YL, Casale, AJ, **Cain, MP**, Rink, RC: Alpha Blocker Therapy in

 Children. Society of Pediatric Urology Newsletter, Volume 1 (2), March, 1999.

32. Donnahoo, KK, Rink, RC, **Cain, MP**, Casale, AJ: The Young Dees Leadbetter Bladder

 Neck Repair For Neurogenic Incontinence. J. of Urology 161:1946-1949, 1999.

33. Casale, AJ, Beck, SD, **Cain, MP**, Adams, MC, Rink, RC: Concealed Penis in Childhood: A

 Spectrum of Etiology and Treatment. J. of Urology 162: 1165-1168, 1999.

34. Austin, PF, Homsy, YL, Masel, JL, **Cain, MP**, Casale, AJ, Rink, RC: Alpha-Adrenergic

Blockade in Children with Neuropathic and Nonneuropathic Voiding Dysfunction. J. of Urology 162: 1064-1067, 1999.

35. Donnahoo, KK, Meng, X, Ayala, A, **Cain, MP**, Harken, AH, Meldrum, DR: Early Kidney

TNF- alpha Expression Mediates Neutrophil Infiltration and Injury After Renal Ischemia-Reperfusion. Amer J Physiol 277: R922-929, 1999.

36. Simmons, GR, **Cain, MP**, Casale, AJ, Keating, MA, Adams, M, Rink, RC: Preservation of

 the Urethral Plate in Redo Hypospadias Repair. Urology 54: 724-726, 1999.

37. **Cain, MP**, Casale, AJ, King, SJ, Rink, RC: Appendicovesicostomy and Newer Alternatives

For The Mitrofanoff Procedure: Result of the First 100 Patients at Riley Children’s Hospital. J of Urology 162: 1749-1752, 1999.

38. **Cain, MP**, Rink, RC: Vaginal Stenosis and Hydrometrocolpos: Late Complication of

Inadvertent Perivaginal Placement of an Artificial Urinary Sphincter in Prepubertal Girls. Urology 54: 923, 1999.

39. Thomas, AC, **Cain, MP**, Casale, AJ, Rink, RC: Ultrasound Findings of Acute Idiopathic

 Scrotal Edema. Digital Urology Journal, November, 1999.

 (http:www.duj.com/Article/Thomas.html).

 Now available at TheScientificWorldJournal (2004) 4 (S1), 9-10.

 www.thescientificworld.com.

40. Gehring, JE, **Cain, MP**, Casale, AJ, Kaefer, M, Rink, RC: Abdominal Wall Hernia, An

Uncommon Complication of In-Utero Vesicoamniotic Shunt Placement. Urology 56: 330, 2000.

41. Gehring, JE, **Cain, MP**, Casale, AJ, Kaefer, M, Rink, RC: Does Ureteral Reimplantation

Cause Significant Changes in Renal Function? Digital Urology Journal, February, 2000 (http://www.duj.com/Article/Cain2.html).

42. Austin, PF, **Cain, MP**, Rink, RC: Postoperative Nephrostomy Tube Drainage Following

Dismembered Pyeloplasty: Is It Necessarily A Bad Choice? J. of Urology 163: 1528-1530, 2000.

43. **Cain, MP**: Abdominal Wall Hernia, an Uncommon Complication of In Utero

 Vesicoamniotic Shunt Placement. Society of Fetal Urology Newsletter, Winter 2000

44. Donnahoo, KK, Meng, X, AO, L, Ayala, A, Shames, B, **Cain, MP**, Harken, AH, Meldrum,

DR: Differential cellular immunolocalization of renal TNF-alpha production during ischemia versus endotoxemia. Immunology, 102: 53-58, 2001.

45. DeMarco, RT, **Cain, MP**, Davis, MM: Xanthogranulomatous Pyelonephritis Associated

With a Congenital Calyceal Diverticulum. Urology 57: 168, 2001. Http://www.elsevier.com/locate/urologyonline.

46. Husmann, DA, **Cain, MP**: Fecal and Urinary Continence After Ileal Cecal Cystoplasty for

 the Neurogenic Bladder. J Urology 165: 922-925, 2001.

47. **Cain, MP**, Rink, RC, Thomas, AC, Austin, PF, Kaefer, M, Casale, AJ: Symptomatic

Ureteropelvic Junction Obstruction in Children In The Era Of Prenatal Sonography - Is There A Higher Incidence of Crossing Vessels? Urology 57: 338-341, 2001.

48. Pike, SC, **Cain, MP**, Rink, RC: Ureterocele Prolapse - A Rare Presentation in a Teenage

 Girl. Urology 57:554, 2001.

49. Yerkes, EB, **Cain, MP**, Padilla, LM: In Utero Perinephric Urinoma And Urinary Ascites

With Posterior Urethral Valves: A Parodoxical Pop-Off Valve? Society of Fetal Urology Newsletter 8: 4, 2001.

50. Yerkes, EB, Rink, RC, **Cain, MP**, Luerssen, TG, Casale, AJ: Shunt Infection and

 Malfunction After Augmentation Cystoplasty. J Urology 165: 2262-2264, 2001.

51. Yerkes, EB, Rink, RC, King, SK, **Cain, MP**, Kaefer, M, Casale, AJ: Tap Water and the

 MACE: A Safe Combination? J Urology 166: 1476-8, 2001

52. **Cain, MP**: Invited Editorial: Concealed Umbilical Stoma: Long-Term Evaluation of Stomal

 Stenosis. J of Urology 166: 1030, 2001.

53. Meldrum, KK, Meldrum, DR, Hile, KL, Yerkes, EB, Ayala, A, **Cain, MP**, Rink, RC,

Casale, AJ, Kaefer, MA: p38 MAPK mediates renal tubular cell TNF-alpha production and TNF-alpha dependent apoptosis during simulated ischemia. American J Physiology -Cell Physiology 281: C563-570, 2001.

54. **Cain, MP**, Rink, RC, Kaefer, M, Casale, AJ: Editorial Reply: Symptomatic Ureteropelvic

 Junction Obstruction in Children. Urology 58 (4), 638, 2001.

55. Emley, TE, **Cain, MP**, Faught, PR, Davis, MM: Ureteral Obstruction Secondary to

Inflammatory Pseudotumor Masquerading As Hydronephrosis Due To Neuropathic Bladder In A Child With Myelomeningocele. Urology 58, 105iv-105vi, 2001.

56. Yerkes, EB, **Cain, MP**, Padilla, LM: In Utero Perinephric Urinoma and Ascites With

Posterior Urethral Valves: A Paradoxical Pop-Off Valve? J Urology 166, 2387-2388, 2001.

57. **Cain, MP**: Invited Editorial; Long Term Results of Primary Ablation of Posterior Urethral

 Valves. J Urology, 168: 1843 , 2002.

58. **Cain, MP**: Pediatric Urology Update, Review of Annual AUA Meeting. Medscape from

 WebMD. Http://www.medscape.com/viewarticle/437090. June, 2002.

59. Austin, PF, Siow, Y, Fallat, ME, **Cain, MP**, Rink, RC, Casale, AJ: Relationship Between

 Mullerian Inhibiting Substance and Androgen in Boys With Hypospadias. J of Urology, 168: 1784-1788, 2002.

60. **Cain, MP**, Casale, AJ, Kaefer, M, Yerkes, EB, Rink, RC: Percutaneous Stone Extraction in

 the Pediatric Augmented Bladder. J of Urology 168: 1881-1882, 2002.

61. Yerkes, EB, Rink, RC, **Cain, MP**, Casale, AJ: Use of Monti Channel for Administration of

 Antegrade Continence Enemas. J of Urology168: 1883-1885, 2002.

62. **Cain, MP**, Rink, RC, Yerkes, EB, Kaefer, M, Casale, AJ: Long Term Follow up

and Outcome of the Continent Catheterizable Vesicostomy Using the Rink Modification. J of Urology 168: 2583-2585, 2002.

63. Soergel, TM, **Cain, MP**, Kaefer, M, Gitlin, J, Casale, AJ, Rink, RC: Complications

 Involving the Use of Small Intestinal Submucosa (SIS) for Corporal Grafting in Cases of Severe Hypospadias. Society of Pediatric Urology Newsletter, Volume 5 (2), October 1, 2002.

64. **Cain, MP**: Medscape from WebMD. Journal Scan, Pediatric Urology Review. Medscape Urology 4(2), November, 2002. **Error! Hyperlink reference not valid.**.

65. Rink, RC, Casale, AJ, **Cain, MP,** Kaefer, M: Lower Urinary Tract Reconstruction At Riley

 Hospital for Children. Dialogues in Pediatric Urology, 25 (10), October, 2002.

66. Backhaus, BO, Kaefer, M, Haberstroh, K, Hile, K, Nagatomi, J, Rink, RC, **Cain, MP**,

 Casale, A, Bizios, R: Alterations in the Molecular Determinants of Bladder Compliance at Hydrostatic Pressures Below 40 CM H20. J Urology 168: 2600-2604, 2002.

67. Yerkes, EB, **Cain, MP**, King, S, Brei, T, Kaefer, M, Casale, AJ, Rink, RC: Malone

 Antegrade Continence Enema Procedure: Quality of Life and Family Perspective. J of Urology 169: 320-323, 2003.

68. Herndon, CDA, Rink, RC, Shaw, M, Simmons, GR, **Cain, MP**, Kaefer, M, Casale, AJ: The Indiana Experience With Artificial Urinary Sphincters in Children and Young Adults. J of Urology169: 650-652, 2003.

69. Herndon, CD, **Cain, MP**: Antenatal Hydroureteronephrosis Presenting as an Apparent Solid

 Renal Mass. Urology 62: 144, 2003.

70. Shaw, MBK, **Cain, MP**, Rink, RC: Two Bladders, Two Vaginas in Two Planes: One

 Urogenital Sinus. Urology 62: 144, 2003.

71. Bryan, DE, **Cain, MP**, Casale, AJ: Juvenile Granulosa Cell (Sex Cord-Stromal) Tumor of the Infant Testis. J of Urology 169: 1497-1498, 2003.

72. Soergel, TM, **Cain, MP**, Kaefer, M, Gitlin, J, Casale, AJ, Davis, MM Rink, RC:

 Complications Involving the Use of Small Intestinal Submucosa (SIS) for Corporal Grafting in Cases of Severe Hypospadias. Journal of Urology 170: 1577-1579, 2003.

73. Haddad, NG, Wolvoord, EC, **Cain, MP**, Davis, MM: Seminoma and Gonadoblatoma in an Infant with Mixed Gonadal Dysgensis. J of Pediatr 143: 136, 2003.

74. **Cain, MP.** Urology Journal Scan. Medscape from WebMD. Medscape Urology 5 (1), April, 2003.

75. Herndon, CDA, Casale, AJ, **Cain, MP,** Rink, RC: Long Term Outcome of Surgical

 Treatment of Concealed Penis. Journal of Urology 170: 1695-1697, 2003.

76. **Cain, MP:** A Round Up of the Latest Issues in Pediatric Urology, Review of the Annual

 AUA meeting, 2003. Medscape from WebMD. June, 2003. Http://www.medscape.com.

77. **Cain, MP**, Wu, SD, Austin, PF, Herndon, A, Rink, RC: Alpha Blocker Therapy for

 Children with Dysfunctional Voiding and Urinary Retention – A Replacement for Biofeedback? Journal of Urology 170: 1514-1517, 2003.

78. Austin, PF, Casale, AJ, **Cain, MP**, Rink, RC, Weintraub, SJ: Lipopolysaccharide and Inflammatory Cytokines Cause an Inducible Nitric oxide Synthase-Dependent Bladder Smooth Muscle Fibrotic Response. Journal of Urology 170; 645-648, 2003.

79. **Cain, MP.** Invited Editorial Comment. A Strategy For Repairing Moderately Severe

 Hypospadias Using Onlay Urethroplasty Versus Onlay-Tube-Onlay Urethroplasty. Urology 61:1022, 2003.

80. **Cain, MP.** Pediatric Urology Journal Scan, Medscape from WebMD. November Volume 5

 (2), 2003. Http://www.medscape.com

81. **Cain, MP:** Pediatric Urology Journal Scan, Medscape from WebMD. March, Volume 6

 (1), 2004. Http://www.medscape.com.

82. Kuo, H, **Cain, MP**: Spontaneous Bladder Wall Abscess in a Child. Urology 63(4): 778-

 779, 2004.

83. Hyun, DY, **Cain, MP**, Blue-Hnidy, DL, Conway, JH: A case of urinary myiasis associated

 with ureteral stent placement. Pediatric Infectious Disease Journal 23(2): 179-181, 2004.

84. Herndon, CDA, Rink, RC, Shaw, MBK, **Cain, MP**, Casale, AJ: Experience with non-

 cycled artificial urinary sphincters. British Journal of Urology 93: 1049-1052, 2004.

85. **Cain, MP:** Pediatric Urology Journal Scan, Medscape from WebMD. July, 2004.

 http://www.medscape.com.

86. Soergel, TM, **Cain, MP,** Misseri, R, Gardner, TA, Koch, MO, Rink, RC: Transitional Cell

Carcinoma of the Bladder Following Augmentation Cystoplasty for the Neuropathic Bladder. Journal of Urology 172(4): 1649-1652, 2004.

87. Shaw, MBK, Rink, RC, Kaefer, M, **Cain, MP**, Casale, AJ: Continence in Bladder

 Exstrophy. J of Urology 172 (4): 1450-1453, 2004.

88. Misseri, R, **Cain, MP**, Abernathy, MP, Bradbury, C, Padilla, LM: Megalourethra

 Mimicking an Anterior Abdominal Wall Mass. J. of Urology 172 (4): 1454-1455, 2004.

89. Herndon, CDA, Rink, RC, **Cain, MP**, Lerner, M, Kaefer, M, Yerkes, E, Casale, AJ: In-Situ

Malone Antegrade Continence Enema in 127 Patients: A Six-Year Experience. J. of Urology 172 (4): 1689-1691, 2004.

90. **Cain, MP**: Reconstruction for Urinary and Fecal Incontinence In the Pediatric Patient What

We Can Accomplish Today and a Look to the Future. Medscape Urology. 2005; 6 (1). http://www.medscape.com.

91. Emley, TE, **Cain, MP**: Deep Venous Thrombosis in Pediatric Myelomeningocele Patients

Undergoing Urologic Reconstruction – Do We Need to Reconsider Prophylaxis? Urology 66 (1): 167-169, 2005.

92. Herndon, CDA, **Cain, MP**, Casale, AJ, Rink, RC: The Colon-Flap/Extension Malone

Antegrade Colonic Enema: An Alternative to the Monti-MACE. Journal of Urology 174 (1): 299-302, 2005.

93. Metcalfe, PD, **Cain, MP**, Rink, RC: Mitrofanoff Channel Survival after Pedicle Ligation.

 Urology 66 (3), 657.e11-657.e12, 2005.

94. Yerkes, EB, Robertson, FM, Gitlin, J, Kaefer, M, **Cain, MP,** Rink, RC: Management of

Perinatal Torsion: Today, Tomorrow, or Never? Journal of Urology174: 1579-1583, 2005.

95. Misseri, R, **Cain, MP**, Casale, AJ, Yerkes, EB, Kaefer, M, Rink, RC: Small Intestinal

Submucosa Bladder Neck Slings for the Management of Incontinence Associated With Neuropathic Bladder: Should Ambulatory Status Be Considered? Journal of Urology 174: 1680-1682, 2005.

96. Misseri, R, Casale, AJ, **Cain, MP,** Rink, RC: Alternative Uses of Dextranomer/Hyaluronic

 Acid Copolymer: The Efficacy of Bladder Neck Injection for Urinary Incontinence.

 Journal of Urology 174: 1691-1694, 2005.

97. **Cain, MP**: Reconstruction for Urinary and Fecal Incontinence In Children – What We Can

Accomplish Today, and a Look To The Future. Invited Article, PTN News, Vol. 14, No. 4, December, 2005.

98. Metcalfe, PD, Casale, AJ, Kaefer, MA, Misseri, R, Dussinger, AM, Meldrum, KK, **Cain,**

 **MP,** Rink, RC: Spontaneous Bladder Perforations: A Report of 500 Augmentations in

 Children and Analysis of Risk. J. of Urology 175: 1466-1471, 2006.

99. **Cain, MP:** Invited Editorial Comment. Watchful Waiting for Prenatally Detected

 Ureteroceles. Direnna, T, Leonard, MP. Journal of Urology 175: 1495, 2006.

100. Rink, RC, Herndon, CDA, **Cain, MP,** Kaefer, M, Dussinger, AM, King, SJ, Casale, AJ:

Upper and Lower Urinary Tract Outcomes Following Surgical Repair of Cloacal Malformations: A 3-Decade Experience. BJU Int 96; 131-134, 2005.

101. **Cain, MP:** Prenatal Hydronephrosis, Common Scrotal Problems. Topics in Urology

 Audio Series, Volume 6, Issue 10. February, 2006.

102. Rink, RC, **Cain, MP:** The Monti-Yang Procedure: The Indiana Experience. Dialogues

 In Pediatric Urology, Volume 27 (6), June, 2006.

103. Rink, RC, Metcalfe, PD, Kaefer, MA, Casale, AJ, Meldrum, KK, **Cain, MP:** Partial

Urogenital Mobilization: A Limited Proximal Dissection. J. of Pediatric Urology, Vol 3 (5): 351-356, 2006.

104. Casale, AJ, Metcalfe, PD, Kaefer, MA, Dussinger, AM, Meldrum, KK, **Cain, MP**,

Rink,RC: Total Continence Reconstruction: A Comparison to Staged Reconstruction of Neuropathic Bowel and Bladder. Journal of Urology, 176 (4), 1712-1715, 2006.

105. Metcalfe, PD, **Cain, MP**, Gilley, DA, Misseri, R, Meldrum, KK, Kaefer, MA, Casale, AJ,

Rink, RC: What is the Need for Additional Bladder Surgery After Bladder Augmentation in Childhood? J. of Urology, 176 (4), 1801-1805, 2006.

106. Metcalfe, PD, Luerssen, TG, King, SJ, Kaefer, MA, Meldrum, KK, **Cain, MP**, Rink, RC,

Casale, AJ: Treatment of the “Occult” Tethered Spinal Cord for Neuropathic Bladder:

Results from Sectioning of the Filum Terminale. Journal of Urology, 176 (4), 1826-1830, 2006.

107. **Cain, MP**. Invited editorial: Is Bowel Preparation Required Before Cystoplasty in

 Children? J. of Urology, 176 (4), 1577, 2006.

108. Rink, RC, Metcalfe, PD, **Cain, MP**, Meldrum, KK, Kaefer, MA, Casale, AJ: Use of the Mobilized Sinus with Total Urogenital Mobilization. Journal of Urology, 176, 2205- 2211, 2006.

109. **Cain, MP.** Invited Review: Managing nephrolithiasis in patients with prior Cohen and

Glenn-Anderson reimplants. Literature Review. Contemporary Urology, 19 (5), 8, May 2007.

110. Shaw, MB, Herndon, CD, **Cain, MP,** Rink, RC, Kaefer, M: A Porcine Model of Bladder

Outlet Obstruction Incorporating Radio-Telemetered Cystometry. BJU International, 100: 170-4, 2007.

111. Leslie, JA, **Cain, MP**, Rink, RC, Kaefer, M, Meldrum, KK, Dussinger, AM, Casale, AJ:

A Comparison of the Monti and Casale (Spiral Monti) Procedures. Journal of Urology, 178, 1623-1627, 2007.

112. **Cain, MP**. Invited Editorial Review: Metastatic Adenocarcinoma After Augmentation

Gastrocystoplasty. Journal of Urology, 179, 1097, 2008.

113. Leslie, JA, **Cain, MP**: A Common Sense Approach to the Workup and Management of

 Urinary Tract Infection and Voiding Dysfunction in Children. Medscape. February 19, 2008. http://www.medscape.com/viewarticle/570330.

114. Rosenbaum, DH, **Cain, MP**, Kaefer, M, Meldrum, KK, King, SJ, Misseri, R, Rink, RC:

 Ileal Enterocystoplasty and B12 Deficiency in Pediatric Patients. Journal of Urology,

179, 1544-1548, 2008.

115. Bani-Hani, AH, **Cain, MP**, Kaefer, M, Meldrum, KK, King, S, Rink, RC: Malone

Antegrade Continence Enema (MACE): Single Institutional Review. Journal of Urology, 180, 1106-1110, 2008.

116. Leslie, JA, **Cain, MP**, Kaefer, M, Meldrum, KK, Misseri, R, Rink, RC: Corporal Grafting

for Severe Hypospadias - A Single Institutional Experience With Three Different

Techniques. Journal of Urology, 180, 1749-1752, 2008.

117. Bani-Hani, AH, **Cain, MP**, King, S, Rink, RC: Tap Water Irrigation and the Use of

Additives To Optimize Success with the Malone Antegrade Continence Enema (MACE) – The Indiana University Algorithm. Journal of Urology, 180, 1757-1760, 2008.

118. **Cain, MP**, Dussinger, AM, Gitlin, J, Casale, AJ, Kaefer, M, Meldrum, KK, Rink, RC:

Updated Experience With the Monti Catheterizable Channel. Urology 72, 782-785, 2008.

119. Rink, RC, **Cain, MP:** Urogenital Mobilization for Urogenital Sinus Repair. Surgery

Illustrated, British Journal of Urology International 102: 1182-1197, Nov 2008.

120. Herndon, CDA, **Cain, MP:** Prenatal Diagnosis of Urologic Disease. AUA Update Series,

Lesson 3, 2009.

121. Leslie, JA, Rink, RC, **Cain, MP:** Feminizing Genital Reconstruction in CAH.

Indian Journal of Urology 25 (1): 17-26, 2009.

122. **Cain, MP,** King, SJ, Rink, RC: Managing Recalcitrant Urinary Tract Infections in Patients

With Bladder Augmentation. US Pediatrics, Volume 4, Issue 1. 41-42. Touch Briefings 2008.

123. Sung, M, Zhang, S, Wang, M, Lopez-Beltran, A, Montinori, R, Wang, M, Davidson, DD,

Koch, MO, **Cain, MP**, Rink, RC, Cheng, L: Urothelial Carcinoma Following Augmentation Cystoplasty: An Aggressive variant of urothelial carcinoma with distinct clinicopathological characteristics and molecular genetic alterations. Histopathology, Aug: 55(2), 161-173, 2009.

124. VanderBrink, BA, **Cain, MP**, Gilley, D, Kaefer, M, Meldrum, KK, Rink, RC:

Reconstructive Surgery for Lower Pole Ureteropelvic Junction Obstruction Associated with Incomplete Ureteral Duplication. J of Pediatric Urology 5(5): 374-377, 2009.

125. Kuo, HJ, Karmazyn, B, **Cain, MP**: Duplicated Mullerian Remnant in a 6-year-old male.

Ped Radiology 39(8): 854-856, 2009

126. VanderBrink, BA, Carey, C, **Cain, MP:** KISS Catheter Revisited for Pediatric Pyeloplasty,

 Urology 74(4): 894-897, 2009.

127. Regan, SM, Rink, RC, Kaefer, M, Meldrum, KD, Misseri, R, **Cain, MP**: The Role of

Routine Postoperative Stentograms in the Pediatric Population Undergoing Excisional Tapered Ureteral Reimplantation. J of Ped Urology 5 (6): 472-474, 2009.

128, **Cain, MP**, Rink, RC: Conservative Treatment for Vesicoureteral Reflux and Prenatal

 Hydronephrosis. Pediatric Perspectives, peytonmanning.stvincent.org, Winter 2010.

129. **Cain, MP,** Rink, RC: Augmentation for Neuropathic Bladder Dysfunction: A Thing of the

Past? Invited Editorial Manuscript, Journal of Urology 183, 2124-2125, 2010.

 130. Shinawi M, **Cain, MP**, Vanderbrink, BA, Grignon, DJ, Mensing, D, Cooper, ML, Bader P, Cheung SW. Mixed gonadal dysgenesis in a child with isodicentric Y chromosome: Does the relative proportion of the 45,X line really matter? Amer J Medical Genetics. Part A. 152A (7): 1832-7, July, 2010.

131. VanderBrink BA, **Cain MP**, King SJ, Meldrum, K, Kaefer M, Misseri R, Jones D, Rink RC. Is Oral vitamin B12 for treatment of vitamin B12 deficiency in patients with prior ileocystoplasty? Journal of Urology. 184 (4 Suppl): 1781-5, Oct, 2010.

132. VanderBrink BA, Rink, RC, **Cain MP**, Kaefer M, Meldrum KK, Misseri, R, Karmazyn, B. Does preoperative genitography in congenital adrenal hyperplasia cases affect surgical approach to feminizing genitoplasty? Journal of Urology. 184 (4 Suppl): 1793-8, Oct 2010.

133. **Cain, MP**: Invited Editorial Comment. Augmentation Cystoplasty and the Risk of Neoplasia: Fact, Fiction and Controversy. Journal of Urology. 184 (6): 2496-7, Dec, 2010.

134. VanderBrink BA, **Cain MP**, Kaefer M, Meldrum KK, Misseri R, Rink RC.

Split-appendix technique for simultaneous appendicovesicostomy and appendicocecostomy. Journal of Pediatric Surgery, 46: 259-262, 2011.

135. **Cain, MP**: A Common Sight on Ultrasounds: Kidney Swelling Detected During Pregnancy

Usually Resolves On It’s Own.. Indy’s Child. 14. April, 2011

136. VanderBrink, BA, Kaefer, M, **Cain, MP**, Meldrum KK, Misseri, R, Rink, RC. Extravesical implantation of a continent catheterizable channel. J of Urology 185: 2572-2575, 2011

137. Franke, EI, Misseri, R, **Cain, MP**, Kaefer, M, Meldrum, KK, Fan, R, Rink, RC. Nephrogenic Adenoma in the Augmented Bladder. J of Urology 186: 1586-1589, 2011.

138. **Cain, MP**: The Split Appendix Technique for Appendicovesicostomy and Appendicocecostomy: The Indiana Extension of the Cromie Cecal Extension Mitrofanoff. Dialogues in Pediatric Urology, volume 33, December, 2011.

137. Rhee, A, **Cain, MP**: Percutaneous Cystolithotomy in the Pediatric Neuropathic Bladder With Laparoscopic Trocar Access: A Novel Approach Useful for the Augmented and Native Bladder, and Continent Urinary Reservoir. Journal Pediatric Urology 9(3): 289- 92, June, 2013.

138. Szymanski, KM, Tabib, CH, Idrees, MT, **Cain, MP**: Synchronous perivesical and renal malignant rhabdoid tumor in a 9-year-old boy: a case report and review of literature. Urology 82(5), 1158-60, November, 2013.

139. VanderBrink, BA, **Cain, MP,** Kaefer, M, Meldrum, KK, Misseri, R, Rink, RC, Outcomes following Malone antegrade continence enema and their surgical revisions. Journal of Pediatric Surgery 48(10); 2134-9, October, 2013.

140. **Cain, MP:** The Distal Left Malone Antegrade Continence Enema – Is It Better? Invited Editorial Comment. Journal of Urology 190(4): 1533-4, October, 2013.

141. Szymanski KM, Misseri R, Whittam B, Amstutz S, Kaefer M, Rink RC, **Cain MP**. Cutting for stone in augmented bladders: What is the risk of recurrence and is it impacted by treatment modality?Journal of Urology 191 (5): 1375-80, May, 2014.

142. Whittam, B, Hanneman, P, Szymanski, K, Misseri, R, Kaefer, M, Rink, R, **Cain, M**: Long-

Term Fate of the Bladder after Isolated Bladder Neck Procedure. Journal of Pediatric Urology 10 (5): 886-91, October, 2014.

143. **Cain, MP:** Upper Tract Changes in Patients with Neurogenic Bladder and Sustained Pressures >40 cm following bladder neck surgery without augmentation. Invited

 Editorial Comment, Journal of Pediatric Urology 10 (4): 748-49, August, 2014

144. Whittam, B, Calaway, A, Szymanski, K, Carroll, AE, Misseri, R, Kaefer, M, Rink, R,

Karmazyn, B, **Cain, M**: Ultrasound Diagnosis of Multicystic Dysplastic Kidney: Is a Confirmatory Nuclear Medicine Scan Necessary? Journal of Pediatric Urology 10 (6): 1059-62, December, 2014.

145. Calaway, A, Whittam, B, Szymanski, K, Misseri, R, Kaefer, M, Karmazyn, B, Rink, R,

**Cain, MP**. Multicystic dysplastic kidney: is an initial voiding cystourethrogram necessary? Canadian J Urol 21 (5): 7510-4, October, 2014.

146**.** Szymanski KM, Misseri R, Whittam B, Adams C\*, Kirkegaard J, King S, Kaefer M, Rink

RC, **Cain MP**.  Mortality after bladder augmentation in childhood in patients with spina bifida. Journal of Urology 193 (2): 643-649, February, 2015*.*

147.Miller, AR, Cipkala, DA, **Cain, MP**. Gross Hematuria and Focal Renal Masses as Initial

Features of a Mature B-Cell Leukemia in an Adolescent Male. Urology 85 (2): 470-73, February, 2015.

148**.** Szymanksi, KM, Keenan, A, **Cain, MP**, Waseem, S, Kaefer, M. A novel colonoscopic

approach for the management of a MACE channel which cannot be catheterized in the immediate postoperative period: A case report. Urology 84 (6): 1490-91, December, 2014, <http://dx.doi.org/10.1016/j.urology.2014.07.047>.

149. Whittam, BM, Szymanski, KM, Flack, C, Misseri, R, Kaefer, M, Rink, RC,

**Cain, MP**. A Comparison of the Monti and spiral Monti procedures: A long-term analysis. Journal of Pediatric Urology 11(3): 134.e1-6, June, 2015.

150. Syzmanski, KM, Misseri, R, Whittam, BM, Lingeman, JE, Amstutz, S, Ring, JD, Kaefer,

M, Rink, RC, **Cain, MP**. Bladder Stones after Bladder Augmentation are Not What They Seem. Journal of Pediatric Urology, 12(2): 98.e1-6, April, 2016.

151. Keenan, A, Whittam, B, Rink, R, Kaefer, M, Misseri, R, King, S, **Cain, M**: Vitamin B12

Deficiency in patients with prior Enterocystoplasty. Journal Ped Urology, 11(5): 273.e1-5, October, 2015.

152. **Cain, MP**: Anorectal Malformations and Potential Urologic Problems – What is the Pediatric Urologists Role? Journal Of Urology 192 (6), 1597-98, December, 2014.

153. Keenan, A, Whittam, B, Misseri, R, **Cain, M**: Long Term Outcomes Following Bladder Augmentation in Children with Neurogenic Bladder. Current Bladder Dysfunction Reports. 9:275-281, 2014.

154. Palmer, LS (Ed.), **Cain, MP**, Storm, DW: “Pediatric Trauma”. American Urological Association Core Curriculum Guidelines. 2014. [www.auanet.org](http://www.auanet.org)/university/core.

155. Hubert, K, Large, T, Leiser, J, Judge, B, Szymanski, K, Whittam, B, Kaefer, M, Misseri, R, Rink, R, **Cain, MP**: Long term renal functional after primary gastrocystoplasty. Journal of Urology 193(6): 2079-85, June, 2015.

156. Strine, AC, Misseri, R, Szymanski, KM, Kaefer, M, Rhee, AC, Hillier, K, Rink, RC, **Cain, MP**: Assessing Health-related Benefit after Reconstruction for Urinary and Fecal Incontinence in Children: A Parental Perspective. Journal of Urology 193: 2073-8, June, 2015.

157. Strine, AC, Whittam, BM, Misseri, R, Kaefer, M, Rink, RC, Karmazyn, B, **Cain, MP**: Is renal scintigraphy necessary after heminephrectomy in children? Journal of Pediatric Urology, August 4, 2015.

158. Kaefer, M, Agarwal, D, Misseri, R, Whittam, B, Hubert, K, Szymanski, K, Rink, R, **Cain, MP**: Treatment of Contralateral Hydrocele in Neonatal Testicular Torsion: Is Less More? Journal of Pediatric Urology, 12(5): 306.e1-306, October, 2016.

159. Karmazyn, B, Tawadros, A, Delaney, LR, Marine, MB, **Cain, MP**, Rink, RC,

Jennings, SG, Kaefer, M. Ultrasound classification of solitary renal cysts in children. Journal of Pediatric Urology 11(3): 149.e1-6, June, 2015.

160. Szymanski, KM, Misseri, R, Whittam, B, Rapaso, SM, King, SJ, Kaefer, M, Rink, RC, **Cain, MP**. QUAlity of Life Assessment in Spina bifida for Adults (QUALAS-A): Development and international validation of a novel health-related quality of life instrument. Quality of Life Research, 24(10): 2355-64, October, 2015.

161. Karmazyn, B, Gurram, S, Marin, MB, Mathew, WR, **Cain, MP**, Rink, RC, Eckert, GJ, Jennings, SG, Kaefer, M. Is CT cystography an accurate study in the evaluation of spontaneous perforation of the bladder in children and adolescents? Journal of Pediatric Urology, 11(5): 267.e1-6, October, 2015.

162. Szymanski, KM, Rink, RC, Whittam, B, Ring, JD, Misseri, R, Kaefer, M, **Cain, MP**. Long-term outcomes of the Kropp and Salle urethral lengthening bladder neck reconstruction procedures. Journal of Pediatric Urology, Dec: 12 (6), 2016.

163. Szymanski, KM, Whittam, B, Misseri, R, Flack, CK, Hubert, KC, Kaefer, M, Rink, RC, **Cain, MP**. Long-term outcomes of continent catheterizable urinary channels: what do you use, where do you put it, and does it matter? J Pediatric Urol, 11(4): 210.e1-7, August, 2015.

164. Szymanski, KM, Misseri, R, Whittam, B, Large, T, **Cain, MP**: Current opinions regarding care of the mature pediatric urology patient. J Pediatric Urology, 11 (5): 251.e1-4, October, 2015.

165. Roth, J, Keenan, A, **Cain, M**, Whittam, B: Long-Term Sequela of Pediatric Bladder

 Reconstruction. Current Bladder Dysfunction Reports. October, 2015. Pp. 1-8.

166. Szymanski, KM, Hubert, KC, Misseri, R, Whittam, B, Kaefer, M, Rink, RC, **Cain, MP**:

Statistical interpretation, Re: Further analysis of the Glans-Urethral Meatus-Shaft (GMS) hypospadias score: Correlation with postoperative complications. J Pediatric Urology, 11)6): 370-1, Dec, 2015.

167. Roth, J, Keenan, A, Carroll, AE, Rink, RC, **Cain, MP**, Whittam, BM, Bennett, WE: Readmission Characteristics of Elective Pediatric Circumcisions Using Large-Scale Administrative Data. Journal of Pediatric Urology, 12(1): 27.e1-6, Feb, 2016.

168. Szymanski, KM, Misseri, R, Whittam, B, Yang, DY, Raposo, SM, King, SJ, Kaefer, M, Rink, RC, **Cain, MP**: Quality of Life Assessment in Spina Bifida for Children (QUALAS-C): Development and Validation of a Novel Health-related Quality of Life Instrument. Urology, 87: 178-84, Jan, 2016.

169. **Cain, MP:** This Month in Pediatric Urology. Journal of Urology, 195: 817-18, 2016.

170. Szymanski, KM, Misseri, R, Whittam, B, Kaefer, M, Rink, RC, **Cain, MP**: Quantity, Not Frequency, Predicts Bother with Urinary Incontinence and its Impact on Quality of Life in Adults with Spina Bifida. Journal of Urology, 195, 1263-69, April 2016.

171. **Cain, MP**: This Month in Pediatric Urology. Journal of Urology, 195, 1636, June, 2016.

172. Casey, J, Zhang, M, Hubert, K, Szymanski, K, Judge, B, Whittam, B, Kaefer, M, Misseri, R, Rink, R, **Cain, M**: Does Endoscopy of Difficult to Catheterize Channels Spare some Patients from Formal Open Revision? Journal of Pediatric Urology. 12, 248.e1-248.e6, 2016.

173. Chan, KH, Szymanski, KM, Li, X, Ofner, S, Flack, C, Judge, B, Whittam, B, Misseri, R, Kaefer, M, Rick, RC, **Cain, MP**: Effect of postoperative weight gain on the risk of channel revision following continent catheterizable urinary channel surgery. Journal of Pediatric Urology, 12(4): 249.e1-7, August, 2016.

174. **Cain, MP:** This Month In Pediatric Urology. Journal of Urology, 196, 297-98, August, 2016.

175. Large, T, Szymanski, KM, Whittam, B, Misseri, R, Hubert, KC, Kaefer, M, Rink, RC, **Cain, MP**: Ambulatory patients with spina bifida are 50% more likely to be fecally continent after a MACE procedure. Journal of Pediatric Urology, S1477-5131 (16) 30222-4; August, 2016.

176. Chan, KH, Bell, T, **Cain, M**, Carroll, A, Benneyworth, B: Variation in Surgical Antibiotic Prophylaxis for Outpatient Pediatric Urologic Procedures at US Children’s Hospitals. Journal of Urology, May, 2017.

177. **Cain, MP**: This Month in Pediatric Urology. Journal of Urology. 196, 977-78, October, 2016.

178. Casey, JT, Chan, KH, Haasegawa, Y, Large, T, Judge, B, Kaefer, R, Rink, RC, Ueoka, K, **Cain, MP**: Long-term follow up of composite bladder augmentation incorporating stomach in a multi-institutional cohort of patients with cloacal exstrophy. Accepted for publication, Journal of Pediatric Urology, 2016.

179. Szymanski, KM, **Cain, MP**, Whittam, B, Kaefer, M, Rink, RC, Misseri, R: All incontinence is not created equal: Impact of urinary and fecal incontinence on quality of life in adults with spina bifida. Journal of Urology, 197, 885-891, 2017.

180. **Cain, MP**: Update on continent catheterizable channels and the timing of their complications. Requested Editorial Comment, Journal of Urology, 197: 876 2017.

181. **Cain, MP**: Injection or Intestine: Management of the Hostile Neuropathic Bladder; What is the Place for Enterocystoplasty Versus Chemical Bladder Augmentation? AUA News, Volume 21, Issue 10: 8; October, 2016

182. Chan, KH, Whittam, Moser, EAS, **Cain, MP**, Bennett, WE: Adverse events associated with surgical antibiotic prophylaxis for outpatient circumcisions at US children’s hospitals. Accepted for publication, Journal of Pediatric Urology, epub ahead of print, 2016.

183. Bennett W, Whittam BM, Szymanski KM, Rink RC, **Cain MP**, Carroll AC: Validated Cost Comparison of Open versus Robotic Pediatric Pyeloplasty in American Children’s Hospital. Journal of Robotic Surgery. October, 2016.

184. Szymanski, KM, **Cain, MP,** Hardacker, TJ, Misseri, R: How successful is the transition to adult care in spina bifida? A single center 7-year experience. Journal of Pediatric Urology, 13(1): 40.e1-40e6, 2017.

185. **Cain, MP:** This Month In Pediatric Urology. Journal of Urology 196(6); 1601, 2016.

186. **Cain, MP**, Rink, RC: Searching for Continence in Bladder Exstrophy. Dialogues in Pediatric Urology Vol 37 (4), 9-10, June, 2016.

187. Frimberger D, Bauer S, **Cain MP,** Greenfield, Kirsch A, Ramji F, Mercado-Deane MG,

 Cooper CS. Commentary: Establishing a standard protocol for voiding

 cystourethrography (VCUG). J Pediatr Urology, 12(6); 362-366, 2017.

188. **Cain, MP:** This Month In Pediatric Urology. Journal of Urology 197(62); 275, 2017

189. Roth, J, Misseri, R, **Cain, MP**, Szymanski, KM: Mobility, hydrocephalus and quality of

 erections in men with spina bifida. Journal of Pediatric Urology, 2017 Jan 11, epub ahead

 of print.

190. Chan, KH, Bell, TM, Benneyworth, B, **Cain, MP**, Carroll, AE: Validation of antibiotic

charges in administrative data for outpatient pediatric urologic procedures. Accepted, Journal of Pediatric Urology, 2017.

191. Szymanski, KM, Whittam, B, Misseri, R, Chan, KH, Flack, CK, Kaefer, M, Rink, RC,

**Cain, MP**: Case of base rate bias, or are adolescents at a higher risk of developing complications after catheterizable urinary channel surgery? Accepted, Journal of Pediatric Urology, 2017.

192. VanderBrink (Ed.), **Cain, MP**, Storm, DW: “Pediatric Trauma”. American Urological Association Core Curriculum Guidelines. December, 2016. [www.auanet.org](http://www.auanet.org)/university/core

**Manuscripts Accepted/Submitted for Publication:**

Hubert, KC, Gerber, RC, Kaefer, M, Nangia, AK, **Cain, MP**: Vasectomy in Patients with a History of Adolescent Varicocele Repair: Physician Perception of Risks and Counseling Recommendations. Submitted, Urology, 2016.

Casey, JT, Whittam, BM, Bennett, WE, Szymanski, KM, **Cain, MP**, Rink, RC: Cost analysis and clinical outcomes of feminizing genitoplasty for congenital adrenal hyperplasia using a large-scale administrative database. Submitted, Journal of Urology, 2016.

Weatherly, DL, Szymanski, KM, Whittam, BM, Bennett, WE, King, S, Misseri, R, Kaefer, M, Rink, RC, **Cain, MP**: Comparing inpatient versus outpatient bowel preparation in children and adolescents undergoing appendicovesicostomy. Submitted, Journal of Urology, 2016.

Misseri, R, Szymanski, K, Hardacker, T**, Cain, M**. How successful is the transition to adult urology care in spina bifida? A single center 7-year experience. Submitted, Journal of Urology, 2016.

Casey, JT, Whittam, BM, Szymanski, KM, Misseri, R, **Cain, MP**, Bennett, WE: Does Atmospheric Temperature Affect the Rate of Testicular Torsion? Submitted, Journal of Urology, 2016.

Chan, K, Shah, A, Moser, EA, Szymanski, K, Whittam, BM, Misseri, R, Kaefer, M, Rink, R, Cain, MP: Outcomes of caudal versus ilioinguinal nerve blocks for outpatient inguinal surgeries. Submitted, Journal of Pediatric Urology, 2017.

Szymanski, KM, Misseri, R, Whittam, B, Casey, JT, Yang, DY, Raposo, SM, King, SJ, Kaefer, M, Rink, RC, Cain, MP: Validation of QUALAS-T, a health-related quality of life instrument for teenagers with spina bifida. Central European Journal of Urology, Submitted, 2016.

**Book Chapters/Monographs:**

1. **Cain, MP**: Megalourethra, Graham, SD, Glenn, JF (eds), in Glenn's Urologic Surgery, Lippincott-Raven, Chapter 100, pp. 803-808, Fifth Edition, 1998 .

2. **Cain, MP**, Barrett, DM: The Artificial Urinary Sphincter - Experience In Children.

Problems In Urology 7: 413-425, September, 1993.

3. Donnahoo, KK, **Cain, MP**: Pediatric Urology. Harken, AH and Moore, EE (eds), in Surgical Secrets, 4th Edition. Hanley and Belfus, Inc. Chapter 99, pp311-314, 2000.

4. Rink, RC, **Cain, MP**: Urinary Diversion. In Clinical Pediatric Urology, Belman, AB, King, LR, Kramer, SA (eds), Martin Dunitz, London, Chapter 17, pp. 491-529, 4th Edition, 2001.

5. **Cain, MP**, Rink, RC: Complications of Ureteral Reimplantation and Tapering of Megaureter. In Complications of Urologic Surgery: Diagnosis, Prevention, and Management, Chapter 50, pp. 564-577, Third Edition, 2000.

6. **Cain, MP**: Genital Injuries. In Pediatric Urology, Gearhart, JP, Rink, RC, Mouriquand, PDE (eds), WB Saunders, Philadelphia, Chapter 58, pp. 919-922,1st Edition, 2001.

7. Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology. Practical Cases in Urology. Series XXV, Course 2, 2002.

8. Meldrum, KK, **Cain, MP**: Pediatric Urology. Harken, AH and Moore, EE (eds), in Surgical Secrets, 5th Edition. Hanley and Belfus, Inc. Chapter 99, pp. 340-344, 2004.

9. **Cain, MP**: Prune Belly Syndrome. In Essentials of Pediatric Surgery. O’Neill, J et al (eds), Harcourt Health Sciences, Philadelphia. Chapter 76; 741-751, 2003.

10. **Cain, MP**: Bladder Exstrophy. O’Neill, J et al (eds), Harcourt Health Sciences, Philadelphia, In Essentials of Pediatric Surgery. Chapter 75; pp. 741-751, 2003.

11. **Cain, MP**: Ureteropelvic Junction Obstruction. O’Neill, J et al (eds), Harcourt Health Sciences, Philadelphia, In Essentials of Pediatric Surgery. Chapter 71; pp. 685-695, 2003.

12. **Cain, MP:** Childhood Enuresis. Rakel, RE and Bope, ET (eds), in Conn’s Current Therapy. 56th edition, Section 10, pp. 718-721, 2004.

13. **Cain, MP:** The Mitrofanoff Procedure in Pediatric Urinary Tract Reconstruction. Graham, SD, Keane, TE, and Glenn, J (eds), Lippincott Williams and Wilkins, Philadelphia, In Glenn’s Urologic Surgery, 6th edition. Chapter 112, pp. 867-876, 2004.

14. Leslie, JA, **Cain, MP:** Pediatric Urologic Emergencies and Urgencies. Pediatric Clinics of North America. Volume 53, 513-527, 2006.

15. **Cain, MP,** Metcalfe, PM, Rink, RC: Urinary Diversion. Docimo, SG et al (eds), Informa Healthcare, London, In Clinical Pediatric Urology, 5th Edition, Chapter 57, 911-946, 2007.

16. Metcalfe, PD, **Cain, MP**: Incontinent and Continent Urinary Diversion. Gearhart, J, Rink, R, Mouriquand, P, Elsevier-Global Medicine, Philadelphia, In Pediatric Urology, 2nd Edition. Chapter 56: 737-747, 2009.

17. Rink, RC, **Cain, MP**: Urinary Diversion. Study Guide to The Kelalis-King-Belman Textbook of Clinical Pediatric Urology. Submitted, 2007

18. Meldrum, KK, **Cain, MP**: Pediatric Urology. Harken, AH and Moore, EE (eds), in Surgical Secrets, 6th Edition. Hanley and Belfus, Inc. In Press.

19. **Cain, MP**: Lower Midline Extraperitoneal Incision. Hinman, F, Baskin, LS, Elsevier, Philadelphia, In Atlas of Pediatric Urologic Surgery, 2nd Edition. Chapter 62: 313-317, 2009.

20. **Cain, MP**: Closure of Vesical Neck. Hinman, F, Baskin, LS, Elsevier, Philadelphia, In Atlas of Pediatric Urologic Surgery, 2nd Edition. Chapter 73: 370-376, 2009.

21. **Cain, MP**: Pediatric Vesicostomy. Hinman, F, Baskin, LS, Elsevier, Philadelphia, In Atlas of Pediatric Urologic Surgery, 2nd Edition. Chapter 85: 435-438, 2009.

22. **Cain, MP:** The Mitrofanoff Procedure in Pediatric Urinary Tract Reconstruction. Graham,

SD, Keane, TE, and Glenn, J (eds), Lippincott Williams and Wilkins, Philadelphia, In Glenn’s Urologic Surgery, 7th edition. Chapter 121, pp. 793-800, 2009.

23. Metcalfe, PM, **Cain, MP:** Genitourinary Trauma. In Pediatric Urology: A General Urologist's Guide. Humana Press. Chapter 20, pp. 357-374, 2011.

24. Whittam, B, Karmazyn, B, **Cain, M:** Pediatric Uroradiology: Trauma. Pediatric and Adolescent Uroradiology. Palmer, LS, Palmer, LS (eds), Springer, 1st edition. In press 2014.

25. **Cain, MP**: The Mitrofanoff and MACE Procedures in Pediatric Urinary Tract Reconstruction. Graham, SD, Keane, TE, and Glenn, J (eds), Lippincott Williams and Wilkins, Philadelphia, In Glenn’s Urologic Surgery, 8th edition, 2014. In Press.

26. **Cain, MP**: Treatment of constipation and fecal incontinence: neurogenic. Franco, I, Austin, P, Bauer, S, Von Gontard, A, Homsy, Y, (eds), Wiley and Sons, Oxford, In Pediatric Incontinence: Evaluation and Clinical Management, 1st edition, 2014, In Press.

27. Keenan, A, Whittam, B, **Cain, MP:** Continent Urinary Diversion. Puri, P (ed). Pediatric Surgery. 2015, In Press.

**Audio/Video Presentations:**

Rink, RC, **Cain, MP**: Total Urogenital Mobilization for the High Vaginal Confluence: Vaginal

Pull Through In The Prone Position with Passerini Flap. American Academy of Pediatrics, Section on Urology, 1999.

Rink, RC, **Cain, MP:** Feminizing Genitoplasty: Partial Urogenital Mobilization. American

College of Surgeons, 2004.

Vanderbrink, BA, **Cain, MP,** Kaefer, M, Meldrum, KK, Misseri, R, Rink, RC: Making the

 Most of What You Have: Split Appendix Technique for Simultaneous Creation of Appendicovesicostomy and Appendicocecostomy. American Urological Association Annual Meeting, San Francisco, 2010.

Murphy, JP, **Cain, MP**, Gatti, J: AAP Prep Audio Series #100, Urologic Problems. 2014

**Awards:**

American Urological Association Ambrose-Reed Socioeconomic Essay Contest,

 Second Prize, 1992.

American Academy of Pediatrics, Section on Urology, First Prize, Clinical Research

 Essay Contest, 1994.

American Academy of Pediatrics, Section on Urology, Finalist, Clinical Research

 Essay Contest, 1995.

Top Doctors in Washington D.C., 1995

Washington Urologic Society, First Prize Basic Science Research Contest, February, 1997.

Yamanouchi Award for Best Pediatric Abstract, American Urological Association Annual

Meeting, 2001.

**Traveling Fellowship Award**, American Urological Association/European Association of Urology. 2002 European Exchange Program, 2/21/2002-3/15/2002, Birmingham, UK; Hannover, Germany; Budapest, Hungary; Innsbruck, Austria; Madrid, Spain.

American Academy of Pediatrics, Section on Urology, Finalist, Clinical Research Contest, 2002.

Second Place: “The Riley Hospital Experience with 112 Monti Catheterizable Channels.”

American Academy of Pediatrics, Section on Urology, Finalist, Clinical Research Contest, 2002.

 Third Place: “Further Uses of Mobilized Sinus in Total Urogenital Mobilizations

Procedures.”

European Society of Pediatric Urology, Third Place, Basic Science Research, Madrid, Spain,

2003. “Human Acellular Dermis As A Corporal Patch Graft”.

American Academy of Pediatrics, Section on Urology, Finalist, Clinical Research Contest, 2005.

 “What is the Need for Additional Bladder Surgery After Bladder Augmentation in

 Children?”

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

October, 2005.

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

November, 2005.

American Urological Association, Astellas/AUA Best Pediatric Abstract, Annual Meeting, 2006.

 “Appendicovesicostomy Versus Monti Ileovesicostomy for Mitrofanoff Channel: The

 Indiana Experience”

Society for Fetal Urology, First Place Excellence and Innovation in Case Presentation, Annual

Meeting, October 2006. “Cystic Sacrococcygeal Teratoma Mimicking Posterior Urethral Valves”.

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

September, 2006.

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

December, 2006.

European Society for Pediatric Urology, Second Place, Best Poster/Presentation, Annual

Congress, April, 2007, Brugge, Brussels. “Malone Antegrade Continence Enema (MACE): A Comparison of Results Using Various Channel Techniques”.

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

 February, 2008

European Society for Pediatric Urology, Third Place, Best Clinical Presentation, Annual

Congress, April, 2008, Nice, France. Outcomes and Risk Factors in Urogenital Mobilization.

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

 October, 2009

Best Doctors in America (Castle Connolly), 2005-2017

Riley Hospital Red Shoes Award, 2012

Top Doctors In Indianapolis, Indianapolis Monthly, 2010-2017

America’s Top Doctors for Cancer, 2013-2016

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

 April, 2014.

European Society for Pediatric Urology Clinical Prize Finalist, 2nd Place: Catheterizable

Continent Urinary Channels: What Do You Use, Where Do You Put It and Does It Matter? Annual Congress, May 10, 2014, Innsbruck, Austria.

Riley Hospital for Children “Red Shoes Award”, For Outstanding Patient Service,

 May, 2014.

Outstanding Pediatric Urology Reviewer, Journal of Urology, 2014

American Board of Urology, Exam Committee, SSMOLE Award for Outstanding Service, 2016

**National/International - Invited Lectureships/Visiting Professorships:**

**Cain, MP**: Invited Lecture; Newer Options for the Mitrofanoff Continent Catheterizeable Stoma in Children - the Indiana Experience with Preservation of the Appendix. The Society of Pelvic Surgeons, 47th Annual Mtg., Indianapolis, November, 1997.

**Cain, MP**: Bladder Augmentation and the Mitrofanoff Procedure in Pediatric Bladder Reconstruction. Oregon Health Sciences University, Division of Urology Grand Rounds, July, 1998.

**Cain, MP**: UDT, Varicocele and Torsion - What is the Effect on Fertility in the Pediatric Patient? Invited Lecturer, Nassau Pediatric Society, Long Island, NY, Oct. 2000.

**Cain, MP:** Open Upper Pole Surgery: Video Panel on the Treatment of Ureteroceles. Invited Lecturer, The Society of Pediatric Urology Annual Meeting. Chicago, April, 2003.

**Cain, MP**: Use of Bowel in Pediatric Urinary Tract Reconstruction. Visiting Professor, Utah Urological Society. Salt Lake City, Utah, October, 2003.

**Cain, MP**: Common Problems in Pediatric Urology. Visiting Professor, Department of Urology, University of Utah. Salt Lake City, Utah. October, 2003.

**Cain, MP:** Video Forum Review, Mitrofanoff Techniques: Variations of the Monti-Mitrofanoff and the MACE Procedures. Invited Lecture, American Academy of Pediatrics, Section on Urology Annual Meeting, New Orleans. October, 2003.

**Cain, MP:** Continent Reconstruction for Neuropathic Bladder and Bowel – The Indiana Experience with the Mitrofanoff and MACE Procedures. Visiting Professor, 2004 John W. Duckett Jr., MD, Pediatric Urology Lectureship. University of Michigan Department of Urology. Ann Arbor, MI. July, 2004.

**Cain, MP:** Lower Urinary Tract and Bowel Reconstruction in Children – The Indiana Experience With 500 Mitrofanoff and MACE Procedures. Visiting Professor, Division of Urology, University of British Columbia. Vancouver, BC. December, 2004.

**Cain, MP:** Continent Reconstruction in Children With Myelomeningocele – What is the Surgical Cost? Pediatric Urology Group of North America. Columbus, OH. May, 2005.

**Cain, MP:** Catheterizable Channels in Pediatric Urology: Mitrofanoff’s Legacy in the Evolution of Continent Reconstruction for Children With Major Congenital Anomalies. Steven B. Streem Visiting Professor. Division of Urology, Albany Medical College. Albany, NY. May, 2006.

**Cain, MP:** The Indiana Experience With the Mitrofanoff Procedure: A Critical Review of the Apendicovesicostomy, Monti-Yang, and Casale Spiral Monti Procedures. Guest Lecture, Canadian Urological/Pediatric Urologists of Canada Annual Meeting. Halifax, Nova Scotia, June, 2006.

**Cain, MP:** Managing Recalcitrant Infections in the Augmented Bladder. Invited lecture. American Academy of Pediatrics, Section on Urology Annual Meeting. San Francisco, 2007.

**Cain, MP:** Panel Moderator - Tiptoeing Through The Minefield of Redo Urological Surgery: Principles and Technical Pearls. Society of Pediatric Urology Annual Meeting. Orlando, 2008.

**Cain, MP:** Bladder Reconstruction for Neuropathic Bladder: Outcomes, Benefits, and Long Term Risks – Lessons Learned from 500 Patients in 20 Years. Visiting Professor, Hospital for Sick Kids, University of Toronto. August, 2008.

**Cain, MP:** Pediatric Genitourinary Trauma. 1st International Pediatric Urology Preceptorship. Glickman Urologic Institute, Cleveland Clinic. Cleveland, OH. September, 2008.

**Cain, MP**: Nephron Sparing Surgery for Duplication Anomalies With Obstruction in the Upper Pole. Invited Lecture. American Academy of Pediatrics, Section on Urology Annual Meeting. Boston, MA. 2008.

**Cain, MP:** Catheterizable Channels: In Search of the Perfect Stoma. Invited Lecture. American Academy of Pediatrics, Section on Urology Annual Meeting. Washington, DC, 2009.

**Cain, MP:** Indiana Experience With Mitrofanoff and MACE Channels. Visiting Professor, Urology Grand Rounds, Department of Urology, Federal University of Sao Paulo, Sao Paulo, Brazil. November, 2009

**Cain, MP:** Hypospadias: A Common Sense and Common Theme Approach to Surgical Repair. 1st International Symposium on Urology, Benefencia Portuguesa de Sao Paolo, Sao Paolo, Brazil. November, 2009

**Cain, MP:** Management Options for Neonates with Prenatally Detected Duplication Anomalies. 1st International Symposium on Urology, Benefencia Portuguesa de Sao Paolo, Sao Paolo, Brazil. November, 2009

**Cain, MP:** Bladder Augmentation for Neuropathic Bladder: Outcomes, Benefits, and Long Term Risks Learned From 500 Patients in 20 Years. 1st International Symposium on Urology, Benefencia Portuguesa de Sao Paolo, Sao Paolo, Brazil. November, 2009

**Cain, MP**: Bladder Augmentation for Neuropathic Bladder - Outcomes, Benefits and Long Term Risks Learned from 500 Patients. International Pediatric Urology Update, Mumbai, India. February, 2010.

**Cain, MP:** Management Options for Neonates With Prenatally Detected Duplication Anomalies. International Pediatric Urology Update, Mumbai, India, February, 2010.

**Cain, MP:** What Is The Appropriate Timing For Orchiopexy for Undescended Testes? An Argument for 6-12 Months. International Pediatric Urology Update, Mumbai, India, February, 2010.

**Cain, MP:** Urogenital Mobilization for Congenital Adrenal Hyperplasia. International Pediatric Urology Update, Mumbai, India, February, 2010.

**Cain, MP:** Serous Lined Extramural Technique for Simultaneous Creation of Appendicovesicostomy and Appendicocecostomy. European Society of Pediatric Urology, Invited Lecture "Tips and Tricks", Antalya, Turkey, April, 2010.

**Cain, MP:** Long Term Outcome and Complications of Augmentation. Invited Panelist - Augmentation: What Have We Learned To Do and Not Do?, European Society of Pediatric Urology, Antalya, Turkey, April, 2010.

**Cain, MP:**  The Split Appendix Technique for Appendicovesicostomy and Appendicocecostomy: An Extension of the Cromie Cecal Extension Mitrofanoff. 1st Annual AMCH Cromie Pediatric Urology Research Symposia. Albany, NY, April, 2011.

**Cain, MP:** Bowel Management in Children With Neuropathic Bowel. Society of Pediatric Urology, Invited Lecture. Washington, DC, May, 2011.

**Cain, MP:** Bladder Neck Surgery for the Neuropathic Bladder. Society of Pediatric Urology, Panel Discussion Chair. San Diego, CA, May, 2013.

**Cain, MP:**  Bladder Augmentation for Neuropathic Bladder – Outcomes, Benefits and Long Term Risks Learned from over 850 Patients in 30 Years. Visiting Professor, Nationwide Children’s Hospital, The Ohio State University, Columbus, OH, June, 2014.

**Cain, MP:** Catheterizeable Channels: In Search of the Perfect Stoma. Nationwide Children’s Hospital, The Ohio State University, Columbus, OH, June, 2014.

**Cain, MP:** Bladder Augmentation for Neuropathic Bladder – Outcomes, Benefits and Long Term Risks Learned from Over 850 Patients in 30 Years. PedUroCon 2014, 4th Annual Conference of Pediatric Urology Chapter of Indian Association of Pediatric Surgeons. Bangalore, India, August, 2014.

**Cain, MP:** Catheterizable Channels: In Search of the Perfect Mitrofanoff. Keynote Address, PedUroCon 2014, 4th Annual Conference of Pediatric Urology Chapter of Indian Association of Pediatric Surgeons. Bangalore, India, August, 2014.

**Cain, MP:** Transition and long-term outcomes of the augmented patient. Urology Update 2014. University of Toronto Continuing Professional Development. Toronto, Canada, October, 2014.

**Cain, MP:** Moderator, Pediatric Potpourri. Urology Update 2014. University of Toronto Continuing Professional Development. Toronto, Canada, October, 2014.

**Cain, MP:** Open Operations for Incontinence in Patients with Neuropathic Bladder – What are your Options? 2014 Pediatric Colorectal, Motility and Pelvic Reconstruction Conference. Nationwide Children’s Hospital, Columbus, OH, November 13, 2014.

**Cain, MP:** Surgical Management of Disorder of Sexual Differentiation: Evolution of Current Surgical Techniques. Visiting Professor, Tokyo Urologic Forum. Keio University. Tokyo, Japan. November19, 2014.

**Cain, MP:** Lower Urinary Reconstruction for Neuropathic Bladder – Outcomes, Benefits and Long Term Risks Learned from Over 850 Augmentations at Riley Hospital. State of the Art Lecture. 16th Annual Congress of Asia Pacific Association of Pediatric Urologists. Nikko, Japan. November 21, 2014.

**Cain, MP:** Partial Urogenital Mobilization for Low Urogenital Sinus. Keynote Lecture. 16th Annual Congress of Asia Pacific Association of Pediatric Urologists. Nikko, Japan. November 22, 2014.

**Cain, MP:** Indiana Experience with PUM/TUM Surgery for DSD. Visiting Professor, Texas Children’s Hospital. Houston, TX. March 25, 2015.

**Cain, MP:** Long-Term Outcomes of Pediatric Bladder Augmentation. Baylor College of Medicine, Dept of Urology Grand Rounds. March 26, 2015.

**Cain, MP:** Continence surgery in children and adolescents with neurogenic bladder dysfunction: technique, complications and long-term follow up. Second Gothenburg Conference on Vesicoureteral reflux, Satellite Symposium. Queen Silvia Children’s Hospital, University of Gothenburg, Sweden, June 10, 2015.

**Cain, MP:** Open Operations for Incontinence in Patients with Neuropathic Bladder – When to Use What? 2015 Nationwide Children’s Hospital: Pediatric Colorectal and Pelvic Reconstruction Conference. Columbus, OH. November 5-6, 2015.

**Cain, MP:** Hypospadias Live Surgery Seminar. Pediatric Urology Nurse Society Annual Meeting. Indianapolis, IN. November 13, 2015.

**Cain, MP:** Continent Reconstruction for Children with Neuropathic Bladder – Outcomes, Benefits and Long Term Risks. University of California, Irvine, Department of Urology, Skype Grand Rounds Lecture Series. March 21, 2016.

**Cain, MP:** Injection or Intestine: Management of the Hostile Neuropathic Bladder. Critical Discussant: Augmentation. Plenary Session, American Urological Association Annual Meeting, San Diego, CA. May, 2016.

**Cain, MP:** The Business of Your Practice, and A Little Personal Finance. Pediatric Urology Fellows Annual Luncheon. American Urological Association Annual Meeting, San Diego, CA, May, 2016.

**Cain, MP:** Bladder Neck Reconstruction in Patients with Neuropathic Bladder; Outcomes and Quality of Life. 2016 Pediatric Colorectal, Motility and Pelvic Reconstruction Conference. Nationwide Children’s Hospital, Columbus, OH. November, 2016.

**Cain, MP:** Personal Finance and Pediatric Urology. AAP Sponsored Fellows Luncheon. 2016 Pediatric Colorectal, Motility and Pelvic Reconstruction Conference. Nationwide Children’s Hospital, Columbus, OH. November, 2016.

**Cain, MP:** Bladder Outlet Procedures for Continence. 2016 Blackwell B. Evans Visiting Professor. LSU/Ochsner and Tulane University Urology Programs. New Orleans, LA. November 30, 2016.

**Cain, MP:** Variations of the Mitrofanoff Procedure. 2016 Blackwell B. Evans Visiting Professor. LSU/Ochsner and Tulane University Urology Programs. New Orleans, LA. December 2, 2016.

**Cain, MP:** All You Need to Know About Pediatric Urology. Pediatric Grand Rounds. Childrens Hospital of New Orleans. December 2, 2016.

**Cain, MP:** Strategies for Bladder Outlet Management – Reconstruction versus Closure. 2017 Pediatric Urology Workshop. Cincinnati Children’s Hospital. March 10, 2017.

**National/International - Instructional Courses:**

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s a Doctor to Do? American Urological Association Instructional Course, 92nd Annual Meeting, American Urological Association, April, 1997.

**Cain, MP:** Pediatric Hypospadias and Urinary Tract Reconstruction. Western Michigan Urologic Society. Grand Rapids, May, 1998.

**Cain, MP:** Pediatric Urology Update. Western Michigan Urologic Society. Grand Rapids, May, 1998.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology; What’s a Doctor to Do? Instructional Course, AUA National Meeting, San Diego, June, 1998.

**Cain, MP:** Alternatives to Appendicovesicostomy in Pediatric Urinary Tract Reconstruction. First John Donohue Urologic Symposium. September, 1998.

**Cain, MP**: Undescended Testis, Testicular Torsion, and the Adolescent Varicocele: Implications in Future Fertility. Instructional Course, American Academy of Pediatrics, Chicago, April, 1999.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s A Doctor To Do? Instructional Course, American Urological Association National Meeting, Dallas, May, 1999.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology, What’s A Doctor To Do? American Urological Association Instructional Course, Annual Meeting, Atlanta, GA, May, 2000.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s A Doctor To Do? Instructional Course, American Urological Association National Meeting, Anaheim, June, 2001.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s A Doctor To Do? Instructional Course, American Urological Association National Meeting, Orlando, May, 2002.

**Cain, MP**: Common Problems in Pediatric Urology: Update 2002. American Academy of Pediatrics 2002 Annual Meeting. Audience Response CME Course, Boston, October, 2002.

Cain, MP: Experience With Alpha-Blockers in the Pediatric Population. Invited Speaker, Tamsulosin Pediatric Indication Advisory Meeting. New York City, April, 2003.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s A Doctor To Do? Instructional Course, American Urological Association Annual Meeting, Chicago, April, 2003.

**Cain, MP:** Ureteroceles. Specialty Review in Urology. University of Chicago CME Network. Chicago, May, 2003.

**Cain, MP:** Vesicoureteral Reflux. Specialty Review in Urology. University of Chicago CME Network. Chicago, May, 2003.

**Cain, MP:** The Use of Gastrointestinal Segments in Lower Urinary Tract Reconstruction. Specialty Review in Urology. University of Chicago CME Network. Chicago, May, 2003.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s A Doctor To Do? Instructional Course, American Urological Association National Meeting, San Francisco, May, 2004.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What’s A Doctor To Do? Instructional Course, American Urological Association National Meeting, San Antonio, May, 2005.

**Cain, MP,** Mevorach, RA: Pediatric Plumbing Problems: What’s New in Primary Care Urology for the Pediatrician. American Academy of Pediatrics Annual Meeting. Washington, DC, October, 2005.

Rink, RC, **Cain, MP:**  Common Problems in Pediatric Urology. Instructional Course, American Urological Association Annual Meeting, Atlanta, May, 2006.

**Cain, MP,** O’Donnell, D: Catheterizeable Channels In Pediatric Urology: Mitrofanoff’s Legacy in the Evolution of Continent Reconstruction for Children With Major Congenital Anomalies. Association of Operating Room Nurses Annual Meeting, March, 2007.

Rink, RC, **Cain, MP:**  Common Problems in Pediatric Urology. Instructional Course, American Urological Association Annual Meeting, Anaheim, May, 2007.

**Cain, MP**: Pediatric Urology Trauma. Pediatric Review Course. American Urological Association CME Course, Dallas, February, 2008.

Rink, RC, **Cain, MP:**  Common Problems in Pediatric Urology. Instructional Course, American Urological Association Annual Meeting, Orlando, May, 2008.

**Cain, MP**: Pediatric Urology. Washington University in St. Louis 11th Annual Highlight of the American Urological Association 2008 National Meeting. St. Louis, June, 2008.

Rink, RC, **Cain, MP,** Ellsworth, P, McKenna, P: Common Problems in Pediatric Urology. Instructional Course, American Urological Association Annual Meeting, Chicago, May, 2009.

Rink, RC, **Cain, MP,** Ellsworth, P, McKenna, P: Common Problems in Pediatric Urology. Instructional Course, American Urological Association Annual Meeting, San Francisco, May, 2010.

Rink, RC, **Cain, MP,** Ellsworth, P, McKenna, P: Common Problems in Pediatric Urology.

Instructional Course, American Urological Association Annual Meeting, Washington, DC, May, 2011.

**Cain, MP:**  Pediatric Urology Update for the Pediatrician, What’s New. Instructional Course, American Academy of Pediatrics National Conference and Exhibit, Boston, MA, October, 2011.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What Every Urologist Should Know. Instructional Course, American Urological Association Annual Meeting, Atlanta, GA, May, 2012.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What Every Urologist Should Know. Instructional Course, American Urological Association Annual Meeting, San Diego, CA, May, 2013.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What Every Urologist Should Know. Instructional Course, American Urological Association Annual Meeting, Orlando, FL, May, 2014.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What Every Urologist Should Know. Instructional Course, American Urological Association Annual Meeting, New Orleans, LA, May, 2015.

Rink, RC, **Cain, MP**: Common Problems in Pediatric Urology: What Every Urologist Should Know. Instructional Course, American Urological Association Annual Meeting, San Diego, CA, May, 2016.

**Cain, MP:**  Expert Panelist: Bladder Outlet; Uro-Oncology; Infants with Bladder Exstrophy; School Age Child with Bladder Exstrophy; Adolescent and Transitional Patients with Bladder Exstrophy; Surgical Complications. 2017 Pediatric Urology Workshop. Cincinnati Children’s Hospital Medical Center. March 10-12, Cincinnati, OH.

**State - Invited Grand Rounds/Lectures:**

Cain, M: Adolescent Self-Awareness Project: Testicular Health Awareness.

American Cancer Society. Albany, NY. January, 1991

Cain, M: Sexually Transmitted Diseases, Diagnosis and Treatment. International Urological Sciences Nursing Workshop. Albany, NY. September, 1991.

Cain, M: Diagnosis and Treatment of Prostate Cancer. NYS Department of Transportation Health Awareness Series, American Cancer Society. December, 1991.

Cain, M: Current Operative Treatment of Urologic Stone Disease. Veterans Hospital Nursing Continuing Education Seminar. Albany, NY. April, 1992.

Cain, M: Prune Belly Syndrome. Department of Urology Grand Rounds, Mayo Clinic, Rochester, MN. 1994.

Cain, M: Megaureter in Children. Department of Urology Grand Rounds, Mayo Clinic, Rochester, MN. 1994.

Cain, M: Bladder Augmentation and Continent Urinary Diversion in the Pediatric Patient. Department of Surgery Grand Rounds, Georgetown University. July, 1994.

Cain, M: The Pediatric Acute Scrotum. Department of Pediatrics Grand Rounds,

Georgetown University. August, 1994.

Cain, M: Pediatric Urologic Urgencies and Emergencies. Department of Pediatrics

Grand Rounds, Arlington Hospital. September, 1994.

Cain, M: Common Prenatal and Perinatal Urologic Problems. Department of Pediatrics Grand Rounds, Columbia Hospital for Women Medical Center. September, 1994.

Cain, M: Perinatal Urology. Neonatal Nurse Practitioner Program, Georgetown University Division of Neonatal-Perinatal Medicine. October, 1994, April, 1995, October, 1995; April 7, 1996.

Cain, M: Management of Hydronephrosis in the Neonate and Infant. GUMC Pediatric Resident Lecture Series, April 10, 1995.

Cain, M: Dysfunctional Voiding: Pathologic Problem or Developmental Delay?

Alexandria Hospital Dept. of Pediatrics Grand Rounds, May 19, 1995.

Cain, M: Pediatric Urology Update. Shady Grove Hospital Grand Rounds, June 29, 1995.

Cain, M: Urologic Evaluation of Enuresis. Georgetown University Dept. of Pediatrics Grand Rounds, August, 1995.

Cain, M: Common Scrotal Problems: The Childhood and Adolescent Years. Fairfax Hospital for Children, Pediatric Grand Rounds, October, 1995.

Cain, M: Management of Scrotal Problems in the Pediatric Patient. Anne Arundel Hospital, Department of Pediatrics Grand Rounds, November, 1995.

Cain, M: Non-Reflux Pyelonephritis: Pathogenesis, Treatment, and Prevention.

Invited panelist, Fairfax Hospital Dept. of Pediatrics, March, 1996.

Cain, M: Management of Nocturnal Enuresis. Northern Virginia Council of Nurse Practitioners. April, 1996.

Cain, M: Current Issues In Pediatric Urology. Northern Virginia Institute for Continuing Medical Education. May, 1996.

Cain, MP, Kidd, B, Dick, A: Nocturnal Enuresis. Public Seminar, The Children’s Museum of Indianapolis, May, 1997.

Rink, RC, Cain, MP: Common Pediatric Urological Problems. Urology Nursing 97, Urology Nursing Society. Indianapolis, September, 1997.

Cain, MP: What To Do With The Child That Wets. St. Vincent’s Hospital Public Awareness Seminar. Indianapolis, May, 1998.

Cain, MP: Pediatric Urinary Tract Reconstruction for Incontinence. Indiana University Department of Surgery Grand Rounds, May, 1998.

Cain, MP: Postnatal Management of In-utero Hydronephrosis. Dept of OB-GYN, Division of Maternal Fetal Medicine, IUMC, July, 1998.

Cain, MP: Current Management of Nocturnal Enuresis. Update for Pediatricians. September, 1998.

Cain, MP: Evaluation and Management of Urinary Tract Infections, Dysfunctional Voiding, and Nocturnal Enuresis In the Pediatric Patient. Indiana Pediatric Nurse Practitioner Annual Conference. September, 1998.

Cain, MP: Riley Experience With The Monti and MACE Procedure. Riley Hospital Nursing In-Service. September, 1998.

Cain, MP: Nocturnal Enuresis. Indiana Association of Physicians Assistants. Indianapolis, IN, October, 1998.

Cain, MP: Enuresis: Managing The Child That Wets. Indiana Academy of Family Physicians Urology Conference. Indianapolis, IN. November, 1998.

Cain, MP: Fetal Urologic Abnormalities. OB/GYN Real Time Ultrasound Course. Department of OB/GYN, Indiana University School of Medicine. June, 1999.

Cain, MP: Urologic Disorders and Fertility. 4th Annual Pediatric Conference, Indiana Chapter of the National Association of Pediatric Nurse Associates and Practitioners. September, 1999.

Cain, MP: Common Problems in Pediatric Urology. Pediatric Post Graduate Course. Department of Pediatrics, Indiana University Medical Center. October, 1999.

Cain, MP: Undescended Testis, Varicocele and Testicular Torsion in the Pediatric Population.

Department of Pediatrics Grand Rounds, Indiana University Medical School. January, 2000.

Cain, MP: What Parents Should Know About Children and Bedwetting. Community Education Seminar, National Bladder Foundation. Indianapolis, IN. June, 2000.

Cain, MP: Pediatric Urology for the Primary Care Physician. Update on Common Pediatric Issues CME. Fort Wayne, IN. June, 2000.

Cain, MP: Undescended Testicles, Varicoceles and Testicular Torsion - Effect on Eventual Fertility. Association of Operation Room Nurses Lecture, IUSM, Indianapolis, Sept. 2000.

Cain, MP: Common Scrotal Problems in Children and Adolescents. Family Practice Center CME, Community Hospital East. November, 2000.

Cain, MP: Cryptorchidism, Torsion and Varicocele - Current Management and Long Term Effects on Fertility. Columbus Regional Hospital Grand Rounds, November, 2000.

Cain, MP: Management of the Pediatric Overactive Bladder. St. Joseph Valley Urologic Association. South Bend, IN, February, 2001.

Cain, MP: Primary Nocturnal Enuresis. Update for Pediatricians and Family Practitioners. Indianapolis, June, 2001.

Cain, MP: Testicular Problems in Childhood - Impact on Fertility. Pediatric Grand Rounds, Lutheran Children’s Hospital, Ft. Wayne, IN. August, 2001.

Cain, MP: Management of Enuresis. Update for Pediatricians and Urologists. Indianapolis, August, 2001.

Cain, MP: Managing Day and Nighttime Wetting in Children. Update for Pediatricians and Urologists. Terre Haute, October, 2001.

Cain, MP: Management of Incontinence in Children. Community East Family Practice Resident Conference. Indianapolis, October, 2001.

Cain, MP: Nocturnal Enuresis. Update for Pediatricians and Urologists. Arnett Clinic. Lafayette, October, 2001.

Cain, MP: Management of Enuresis in Children. Update for Pediatricians and Urologists. Columbus, October, 2001.

Cain, MP: Management of Voiding Dysfunction in Children. Update for Pediatricians. Fort Wayne, May, 2002.

Cain, MP: Nocturnal Enuresis. Update for Pediatricians and Urologist. South Bend, June, 2002.

Cain, MP: Management of Prenatally Detected Hydronephrosis. The Second Annual Women’s Care and High Risk Pregnancy Conference. IU School of Medicine, Dept. of OB/GYN, Indianapolis, IN. May, 2003.

Cain, MP: Enuresis Educational Symposium. Indianapolis, IN. June, 2003.

Cain, MP: Pediatric Urology Potpourri. St. Vincent’s Children’s Hospital Pediatric Grand Rounds. Indianapolis, IN. December, 2003.

Cain, MP: Management of the Urinary and Fecal Incontinence in the Child with Spina Bifida. Lutheran Hospital Pediatric Grand Rounds. Ft. Wayne, IN. February, 2004.

Cain, MP, King, SJ: Urologic Management of the Patient with Spina Bifida. Family Seminar. Lutheran Hospital. Ft. Wayne, IN. February, 2004.

Cain, MP: Management of Daytime and Nighttime Incontinence in the Pediatric Population. An Update for Pediatricians. Indianapolis, April, 2004.

Cain, MP: Managing Nocturnal Enuresis – Current Perspectives. Marion, IN. May, 2004.

Cain, MP, King, SJ: Vesicoureteral Reflux – An Old Problem With a New Treatment. Indianapolis, February, 2005.

Cain, MP: Vesicoureteral Reflux – New Solutions for an Old Problem. Pediatric Grand Rounds. Home Hospital, Lafayette, IN, August, 2005.

Cain, MP: Common Problems in Pediatric Urology. Pediatric Noon Conference. St. Vincent’s Department of Pediatrics. Indianapolis, September, 2005.

Cain, MP: Current Options for Vesicoureteral Reflux, A Common Sense Approach to Who, What, When and How to Manage These Patients. Pediatric Grand Rounds, Lutheran Hospital, January, 2006.

Cain, MP: Current Update on Pediatric Urology: What’s New in Pediatric Plumbing Problems for the Pediatrician and Family Physician. Pediatric Grand Rounds, Reid Hospital, Richmond, IN, September, 2006.

Cain, MP: Pediatric Urology For the Primary Care Practitioner. St. Vincent’s Primary Care Grand Rounds. St. Vincent’s Hospital, Indianapolis, IN. November, 2006.

Cain, MP: Pediatric Urology Update for The Primary Care Physician: Current Recommendations for Common Genital Problems. Lutheran Hospital Pediatric Grand Rounds, Fort Wayne, IN. January, 2007.

Cain, MP: Pediatric Urology Update: A Brief Guide to Straightening Out the Major and Minor Problems of the World. Naab Road Surgery Center CME Lecture Series. Indianapolis, IN. January, 2007.

Cain, MP: How To Manage UTI’s and Voiding Dysfunction in Children in a 15 Minute Office Visit. Clarian North Medical Center Multidisciplinary CME Conference, September, 2007.

Cain, MP: Pediatric Plumbing Problems: What’s New In Primary Care Urology for the Pediatrician. Bluffton Regional Medical Center Grand Rounds, November, 2007.

Cain, MP: Current Controversies in the Evaluation and Management of Children With UTI’s With and Without Vesicoureteral Reflux. St. Vincent’s Pediatric Grand Rounds. Peyton Manning Hospital for Children, August, 2008.

Cain, MP: Current Controversies, Options and Suggestions for Managing Children With Recurrent Urinary Tract Infections and Vesicoureteral Reflux. 9th Annual Pediatric CME Course. Peyton Manning Children’s Hospital. September, 2008.

Rink, RC, Cain, MP: Pediatrics for the General Urologist - What’s a Doctor to Do? Indiana Urologic Association 2009 Annual Meeting, February, 2009.

Cain, MP: Pediatric Urology for the Pediatrician: What’s New in 2012. Riley on the Road Lecture Series. Lutheran Hospital CME Course. Ft Wayne, March 2012.

Cain, MP: Update on Current Changes in Antibiotic Therapy and Radiographic Evaluation for Children with Recurring Urinary Tract Infections. Reid Hospital Grand Rounds, Richmond, IN. April, 2012.

Cain, MP: Catheterization Problems in the Pediatric Patient. Perioperative Nurses Grand Rounds, Riley Hospital for Children. Indianapolis, November, 2013.

Cain, MP: Common Problems in Pediatric Urology: What’s a Primary Care Doctor to Do? Grand Rounds, IU Health Ball Memorial Hospital. May 31, 2016. Muncie, IN.

Cain, MP: Pediatric Urology for the Primary Care MD. Pediatric CME Lecture. Lutheran Children’s Hospital. November 22, 2016. Ft Wayne, IN.

**Abstract Presentations; National/International Meetings:**

**Cain, M**, Fisher, HAG, Bennett, AH: Timing and Cost of Endocrine Therapy in

Disseminated Prostate Cancer. AUA NE Section, Williamsburg, September,

1991.

Fisher, HAG, **Cain, M**, et al: Use of DNA Ploidy as a Predictor of Inguinal Node

Metastasis and Clinical Outcome in SCCA of the Penis. AUA NE Section,

Williamsburg, September, 1991.

**Cain, M**, Cromie, WJ, Bellinger, MF: Urethral Valve Incision Using a Venous

Valvulotome. AUA NE Section, Toronto, September, 1992.

Russell, DJ, **Cain, M**, Kaufman, RP: The Medical Management of BPH; Its

Economic Consequences. AUA NE Section, Toronto, September, 1992.

**Cain, M**, Husmann, DA, Kramer, SA, Tindall, DJ: The Role of Epidermal Growth

Factor In Modulation of Testicular Descent and Masculinization of the External Genitalia in the Mouse. AUA National Meeting, San Antonio, 1993.

**Cain, M**, Husmann, DA, Kramer, SA, Tindall, DJ: Flutamide Induced

Cryptorchidism Is Associated With Altered Gubernacular Morphology. AUA

National Meeting, San Antonio, 1993.

Russell, DJ, Kaufman, RP, **Cain, MP**: Medical Management of Benign Prostatic

Hyperplasia (BPH) Versus Transurethral Prostatectomy: The Economic

Consequences. AUA National Meeting, San Antonio, 1993.

**Cain, M**, Kramer, SA, Husmann, DA: Antiandrogen Induced Testicular Undescent Is Partially Modulated by Epidermal Growth Factor. The Endocrine Society, Las Vegas, 1993.

**Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Epidermal Growth Factor (EGF) Partially Reverses Antiandrogen-Induced Cryptorchidism and Epididymal Anomalies. The Society for Basic Urologic Research, San Antonio, 1993.

**Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Androgen Receptor is Expressed in the Fetal Rat Lumbar Spinal Cord. AUA Western Section, Palm Desert, 1993.

**Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Flutamide Induced Cryptorchidism is Associated With Alterations in the Genitofemoral Spinal Nucleus. American Academy of Pediatrics, Washington, DC, 1993.

**Cain, MP**, Kramer, SA, Tindall, DJ, Husmann, DA: Epidermal Growth Factor (EGF)

Modulates Androgen Mediated Epididymal Development and Testicular

Descent in the Rat. American Academy of Pediatrics, Washington, DC, 1993.

Husmann, DA, **Cain, MP**: Micropenis: Eventual Phallic Size is Dependent Upon the Timing of Androgen Administration. American Academy of Pediatrics, Washington, DC, 1993.

**Cain, MP**, Kramer, SA, Husmann, DA: Androgen Receptor Expression in the Genitofemoral Nucleus is Altered With Cryptorchidism. AUA North Central Section, Milwaukee, 1993.

**Cain, MP**, Kramer, SA, Husmann, DA: Epidermal Growth Factor Modulates Androgen Mediated Epididymal Development and Testicular Descent (Mouse). AUA North Central Section, Milwaukee, 1993

**Cain, MP**, McLaren, RH, Husmann, DA, Kramer, SA: Continuous Epidural Anesthesia Following Ureteroneocystostomy in Children. American Academy of Pediatrics, Dallas, 1994.

**Cain, MP**, Husmann, DA: Micropenis Secondary to Hypogonadotrophic Hypogonadism: Clinical Evaluation of Early Versus Late Hormonal Therapy. American Academy of Pediatrics, Dallas, 1994.

**Cain, MP**, Husmann, DA: Cecal Bladder Augmentation With a Tapered Catheterizeable Ileal Stoma: A Modification of the Indiana Pouch. American Academy of Pediatrics, Dallas, 1994.

McMahon, DR, **Cain, MP**, Kramer, SA: Bladder Neck Reconstruction in Patients With Exstrophy/Epispadius. AUA North Central Section Meeting, Fort Lauderdale, 1994.

**Cain, MP**: In-Utero Diagnosed Giant Hydronephrosis. Society of Fetal Urology, Las Vegas, 1995.

**Cain, MP**, Garra, B, Gibbons, MD: Scrotal/Inguinal Ultrasonography: A Technique For Identifying Occult Nonpalpable Testes Without Laparoscopy. American Academy of Pediatrics, San Francisco, 1995.

**Cain, MP**, Gibbons, MD: Onlay Island Flap Urethroplasty in Complex One Stage Hypospadias Reconstruction. AUA Mid- Atlantic Section, Washington, DC, 1996.

Rink, RC, Pope, JC, **Cain, MP**: Continent Vesicostomy to the Umbilicus. American Association of Pediatric Urologists. Snow Mass, 1997.

Kronner, K, **Cain, MP**: An Unusual Presentation of a Benign Ovarian Tumor in a True Hermaphrodite. South Central Section AUA, 1997.

Donnahoo, KK, **Cain, MP**, Pope, JC, Casale, AJ, Keating, MA, Adams, MC, Rink, RC: Etiology, Management, and Surgical Complications of Congenital Chordee Without Hypospadias. American Academy of Pediatrics, National Meeting, New Orleans, 1997.

**Cain, MP**, Pope, JC, Casale, AJ, Adams, MC, Keating, M, Rink, RC: Natural History of Refluxing Distal Ureteral Stumps Following Nephrectomy and Partial Ureterectomy for Vesicoureteral Reflux. American Academy of Pediatrics National Meeting, New Orleans, 1997.

Kronner, KM, Casale, AJ, **Cain, MP**, Pope, JC, Zerin, MJ, Keating, MA, Rink, RC: Bladder Calculi in the Augmented Bladder: Strategies for Treatment and Preventive Measures to Keep the Incidence Low. American Academy of Pediatrics National Meeting, New Orleans, 1997.

**Cain, MP**, Regan, T, Mordkin, R, Gibbons, MD, Mulroney, SE: Alterations of Urinary Insulin Like Growth Factor Following Ureteral Obstruction: A Potential Tool for Quantifying Acute and Chronic Renal Injury. American Academy of Pediatrics National Meeting, New Orleans, 1997.

Kronner, KM, Simmons, G, Kropp, BF, Pope, JC, Casale, AJ, **Cain, MP**, Rink, RC: Artificial Urinary Sphincter in the Treatment of Urinary Incontinence: Preoperative Urodynamics do not Predict the Need for Future Bladder Augmentation. American Academy of Pediatrics, New Orleans, 1997.

**Cain, MP**, Gibbons, MD: Vertical Incision of the Urethral Plate (VIP): An Adjunct in Hypospadias Glanuloplasty. AUA North Central Section Annual Meeting, Monterey, 1997.

Simmons, GR, **Cain, MP**, Casale, AJ, Keating, MA, Adams, MC, Rink, RC: Preservation of the Urethral Plate in Redo Hypospadias Repair. AUA North Central Annual Meeting, Monterey, 1997.

Pope, JC, Keating, MA, Casale, AJ, **Cain, MP**, Rink, RC: Augmenting the Augmented Bladder: Treatment of the Contractile Bowel Segment. AUA North Central Annual Meeting, Monterey, 1997.

Ragan, DC, Rink, RC, Casale, AJ, **Cain, MP**, Weaver, DD: Genitourinary Anomalies in the CHARGE Association. Kimbrough Seminar, San Francisco, 1997.

**Cain, MP**, Austin, P: In Utero Bladder Obstruction Secondary to Ureterocele. Society for Fetal Urology Meeting, New Orleans, 1997.

Casale, AJ, Zerin, MJ, **Cain, MP**, Rink, RC: Complex Single System Ureteroceles in Infants and Children: Clinical Features and Outcomes. American Academy of Pediatric Urology National Mtg, Cancun 1998.

Rink, RC, **Cain, MP,** Casale, AJ: The Full Monti. American Association of Pediatric Urologists National Meeting, Cancun, 1998.

**Cain, MP**, Casale, AJ, Rink, RC: Early Experience Utilizing A Catheterizable Ileovesictotomy (Monti Procedure) in Children. European Society of Pediatric Urology, Salzburg, Austria, 1998.

**Cain, MP**, Casale, AJ, Rink, RC: Continent Mitrofanoff Stomas in Children With Preservation of the Appendix. European Society of Pediatric Urology, Salzburg, Austria, 1998.

**Cain, MP**, Rink, RC: Vaginal Stenosis: Late Complication of Inadvertent Perivaginal Placement of an Artificial Urinary Sphincter in Prepubertal Girls. European Society of Pediatric Urology, Salzburg, Austria, 1998.

Casale, AJ, Donnahoo, KK, **Cain, MP**, Rink, RC: The use of Catheterizable Abdominal Stomas and Augmentation Cystoplasty in Achieving Continence in Salvage Bladder Neck Reconstruction in Children. European Society of Pediatric Urology, Salzburg, Austria, 1998.

**Cain, MP**, Casale, AJ, Rink, RC: Continent Mitrofanoff Stomas in Children With Preservation of the Appendix. AUA National Mtg, San Diego, 1998.

Donnahoo, KK, Rink, RC, **Cain, MP**, Casale, AJ: The Use of the Young-Dees Leadbetter Bladder Neck Repair in Patients with Neurogenic Bladder. AUA National Mtg, San Diego, 1998.

Simmons, GR, **Cain, MP**, Casale, AJ, Keating, MA, Adams, MC, Rink, RC: Preservation of the Urethral Plate in Redo Hypospadias Repair. AUA National Meeting, San Diego, 1998.

Casale, AJ, Zerin, MJ, **Cain, MP**, Rink, RC: Complex Single System Ureteroceles in Infants and Children: Clinical Features and Outcomes. Society of Pediatric Urology Subspecialty Mtg, San Diego, 1998.

Austin, PF, Homsy, YL, Masel, JL, **Cain, MP**, Rink, RC, Casale, AJ: Alpha-Adrenergic Blockade in Children with Voiding Dysfunction. American Academy of Pediatrics National Mtg, San Francisco, 1998.

Casale, AJ, Beck, SD, **Cain, MP**, Adams, MC, Rink, RC: Concealed Penis in Childhood: A Spectrum of Etiology and Treatment. American Academy of Pediatrics National Meeting, San Francisco, 1998.

Austin, PF, **Cain, MP**, Rink, RC: Postoperative Nephrostomy Tube Drainage Following Dismembered Pyeloplasty: Is It Necessarily A Bad Choice? North Central Section AUA, Amelia Island, 1998.

**Cain, MP**, Casale, AJ, Rink, RC: Experience With Various Modifications of the Mitrofanoff Procedure In Pediatric Urinary Tract Reconstruction. North Central Section, AUA, Amelia Island, 1998.

Casale, AJ, Bryan, DE, **Cain, MP**, Rink, RC: Cutaneous Vesicostomy In Children With Neurogenic Bladder: Effect On Eventual Bladder Function. North Central Section, AUA, Amelia Island, 1998.

Adams, MC, Casale, AJ, **Cain, MP**, Rink, RC: Abnormalities of the Penoscrotal Penopubic Junction. American Academy of Pediatric Urologists, Steamboat Springs, Colorado, 1999.

**Cain, MP**, Casale, AJ, Rink, RC: Appendicovesicostomy and Newer Alternatives for the Mitrofanoff Procedure: Results of 100 Patients at Riley Children’s Hospital. American Academy of Pediatric Urologists, Steamboat Springs, Colorado, 1999.

Pope, JC, Albers, P, Rink, RC, Casale, AJ, **Cain, MP**, Adams, MC, Keating, MA, Mitchell, ME: Spontaneous Rupture of the Augmented Bladder, From Silence to Chaos. European Society of Pediatric Urology, Istanbul, Turkey1999.

Rink, RC, **Cain, MP**, King, SJ, Casale, AJ: In-Situ Imbicated Appendix: Experience With a Simple MACE Technique. European Society of Pediatric Urology, Istanbul, Turkey, 1999.

**Cain, MP**, Austin, PF, Rink, RC: Postoperative Nephrostomy Tube Drainage Following Dismembered Pyeloplasty: Is It Necessarily A Bad Choice? European Society of Pediatric Urology, Istanbul, Turkey, 1999.

Casale, AJ, Suh, RS, DeMarco, RT, **Cain, MP**, Rink, RC: Pyelonephritis After Bladder Augmentation In Children: Incidence and Risk Factors. American Urological Association National Meeting, Dallas, 1999.

Rink, RC, Casale, AJ, **Cain, MP**, King, SJ: In-Situ Imbricated Appendix: Experience With a Simple MACE Technique. American Urological Association National Meeting, Dallas, 1999.

Austin, PF, **Cain, MP**, Rink, RC: Nephrostomy Tube Drainage With Pyeloplasty: Is It Necessarily a Bad Choice? Society of Pediatric Urology, Dallas, 1999.

Austin, PF, Homsy, YL, Casale, AJ, **Cain, MP**, Rink, RC: Alpha-Adrenergic Blockade in Children with Voiding Dysfunction. International Continence Society, Denver, 1999.

Casale, AJ, Austin, PF, **Cain, MP**, Kaefer, M, Rink, RC: Nonpalpable Undescended Testis: Does the Order of Procedure Affect Outcome and Cost? A Prospective Randomized Analysis of Laparoscopy and Groin Exploration. North Central Section, American Urological Association, Chicago, 1999.

Thomas, AC, **Cain, MP**, Austin, PF, Kaefer, M, Casale, AJ, Rink, RC: Symptomatic Ureteropelvic Junction Obstruction In Children In The Era of Prenatal Sonography- Is There A Higher Incidence of Crossing Vessels? North Central Section, American Urological Association, Chicago, 1999.

Austin, PF, Casale, AJ, **Cain, MP**, Kaefer, M, Rink, RC, Chedid, M: The Induction of NO Synthase In Human Bladder Smooth Muscle Cells by Inflammation: A Potential Mechanism For Fibrosis. North Central Section, American Urological Association, Chicago, 1999.

Casale, AJ, Suh, RS, DeMarco, RT, **Cain, MP**, Rink, RC: The Microbiology of Bladder Augmentation in Children. North Central Section, American Urological Association, Chicago, 1999.

Casale, AJ, Suh, RS, DeMarco, RT, **Cain, MP**, Rink, RC: Does the Bowel Segment Used For Bladder Augmentation Affect Symptomatic Urinary Tract Infection and Bacterial Colonization? North Central Section, American Urological Association, Chicago, 1999.

Kaefer, M, Rink, RC, **Cain, MP**, Casale, AJ: Stomal Stenosis: Is Ileum The Ideal Substrate for Efferent Limb Construction? North Central Section, American Urological Association, Chicago, 1999.

**Cain, MP**, Thomas, AC, Austin, PF, Kaefer, M, Casale, AJ, Rink, RC: Symptomatic Ureteropelvic Junction Obstruction In Children In The Era of Prenatal Sonography- Is There A Higher Incidence of Crossing Vessels? American Academy of Pediatrics, Washington, D.C., 1999.

Husmann, DA, **Cain, MP**: Colocecal Bladder Augmentation With A Tapered Continent Ileal Limb:Use In The Neurogenic Bladder. American Academy of Pediatrics, Washington, D.C., 1999.

Kaefer, M, Rink, RC, **Cain, MP**, Casale, AJ: Stomal Stenosis: Is Ileum The Ideal Substrate for Efferent Limb Construction? American Academy of Pediatrics, Washington, D.C., 1999.

Casale, AJ, Suh, RS, DeMarco, RT, **Cain, MP**, Rink, RC: The Microbiology of Bladder Augmentation in Children. American Academy of Pediatrics, Washington, D.C., 1999.

Casale, AJ, Austin, PF, **Cain, MP**, Kaefer, M, Rink, RC: Nonpalpable Undescended Testis: Does The Order of Procedure Affect Outcome and Cost? A Prospective Randomized Analysis of Laparoscopy and Groin Exploration. American Academy of Pediatrics, Washington, D.C., 1999.

Austin, PF, Wang, J, Casale, AJ, **Cain, MP**, Kaefer, M, Rink, RC, Chedid, M: The Induction of NO Synthase In Human Bladder Smooth Muscle Cells by Inflammation: A Potential Mechanism For Fibrosis. American Academy of Pediatrics, Washington, D.C., 1999.

Donnahoo, KK, Meldrum, DR, Meng, Z, Ao, L, Ayala, A, Shames, BD, **Cain, MP**, Harken, AH: Ischemia-Reperfusion Injury Induces Renal Tubular Cell Production of TNF-alpha. American Academy of Pediatrics, Washington, D.C., 1999.

Rink, RC, Casale, AJ, **Cain, MP**: Total Urogenital Mobilization: Use of the Mobilized Sinus. American Association of Pediatric Urologists. Solvang, CA, 2000.

Casale, AJ, Bryan, DE, **Cain, MP**, Rink RC: Cutaneous Vesicostomy in Children With Neuropathic Bladder: Effect on Eventual Bladder Function. ESPU Meeting, Tours, France, 2000.

Yerkes, EB, **Cain, MP**, Casale, AJ, Rink, RC: Experience With Split-Prepuce In Situ Island Onlay For Anterior Hypospadias. American Urological Association, Atlanta, GA, 2000.

Casale, AJ, Bryan, DE, **Cain, MP**, Rink, RC: Cutaneous Vesicostomy in Children With Neuropathic Bladder: Effect on Eventual Bladder Function. American Urological Association, Atlanta, GA, 2000.

Rink, RC, **Cain, MP**: Total Urogenital Sinus Mobilization For The High Vaginal Confluence: Vaginal Pull Through, In the Prone Position With Passerini Flap. Video Presentation, American Urological Association, Atlanta, GA, 2000.

Yerkes, EB, Rink, RC, Luerssen, TG, **Cain, MP**, Casale, AJ: Shunt Infection and Malfunction After Augmentation Cystoplasty. European Society of Pediatric Urology, Tours, France, 2000.

**Cain, MP**, Donnahoo, KK, Kaefer, M, Shapiro, AD, Casale, AJ, Rink, RC: Short Course Factor Replacement for Elective Urologic Surgery In Children With Hemophilia. American Academy of Pediatrics Meeting, Chicago, 2000.

Rink, RC, Casale, AJ, **Cain, MP**: Total Urogenital Mobilization: Use of the Mobilized Sinus. American Academy of Pediatrics Meeting, Chicago, 2000.

Yerkes, EB, Rink, RC, King, S, **Cain, MP**, Kaefer, M, Casale, AJ: Tap Water and The MACE: A Safe Combination? American Academy of Pediatrics Meeting, Chicago, 2000.

Kaefer, M, Rink, RC, Casale, A, **Cain, MP**: Stomal Stenosis: Appendicovesicostomy Vs. Appendicocecostomy. American Academy of Pediatrics Meeting, Chicago, 2000.

Backhaus, B, Kaefer, M, Yerkes, E, Haberstroh, K Hile, K, Rink, RC, Casale, A, **Cain, M**, Bizios, R: Alterations in the Molecular Determinants of Bladder Compliance at Hydrostatic Pressures Below 40CM H20. American Academy of Pediatrics Meeting, Chicago, 2000.

Yerkes, EB, **Cain, MP**, Padilla, LM: In Utero Perinephric Urinoma and Ascites With Posterior Urethral Valves: A Paradoxical Pop-Off Valve? Society of Fetal Urology Meeting, Chicago, 2000.

Backhaus, BO, Kaefer, M, Yerkes E, Hile, K, Rink, RC, Casale, AJ, **Cain, MP**: Tolterodine Inhibition of Human Bladder Smooth Muscle Growth: The Drug of Choice in the Neurogenic Bladder? AUA North Central Section Meeting, Scottsdale, 2000.

Yerkes, EB, Kaefer, M, Backhaus, BO, Hile, K, Davis, M, Rink, RC, **Cain, MP**, Casale, AJ, Haberstroh, K: What Pressure Is Bad For the Bladder?: A Novel Model to Evaluate the Hydrostatic Threshold for Detrusor Damage. AUA North Central Section Meeting, Scottsdale, 2000.

Yerkes, EB, **Cain, MP:** Partial Nephrectomy Using the Argon Beam Coagulator (ABC) - A Useful Tool To Optimize Hemostasis and Minimize Tissue Trauma. Kimbrough Seminar, San Diego, 2001.

Yerkes, EB, Kaefer, M, Backhaus, BO, Hile, K, **Cain, MP**, Casale, AJ, Rink, RC: Human Acellular Collagen Matrix for Tunica Albuginea Replacement. Kimbrough Seminar, San Diego, 2001.

**Cain, MP**, Casale, AJ, Yerkes, EB, Kaefer, M, Rink, RC: Initial Experience With Small Intestinal Submucosa (SIS) For Bladder Neck Slings and Wraps For Management of Incontinence in the Pediatric Patient. AUA Annual Meeting, Anaheim, 2001.

Rink, RC, **Cain, MP**, Yerkes, EB, Kaefer, M, Casale, AJ: Long Term Follow-Up of Salle Bladder Neck Repair. AUA Annual Meeting, Anaheim, 2001.

Kaefer, M, Rink, RC, **Cain, MP**, Casale, A: Stomal Stenosis: Appendicovesicostomy Vs. Appendicocecostomy. AUA Annual Meeting, Anaheim, 2001.

Backhaus, B, Kaefer, M, Rink, R, **Cain, M**, Casale, A: Tolterodine Inhibition of Human Bladder Smooth Muscle Growth. AUA Annual Meeting, Anaheim, 2001.

Hwang, J, Kaefer, M, Rink, R, **Cain, M**, Casale, A: Augmentation Cystoplasty With Accellular Dermal Matrix. AUA Annual Meeting, Anaheim, 2001.

**Cain, MP**, Rink, RC, Yerkes, EB, Kaefer, M, Casale, AJ: Long Term Follow Up and Outcome of the Continent Catheterizable Vesicostomy Using the Rink Modification. American Academy of Pediatrics Annual Meeting, San Francisco, 2001.

**Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M, Yerkes, EB: Percutaneous Stone Extraction in the Pediatric Augmented Bladder. American Academy of Pediatrics Annual Meeting, San Francisco, 2001.

Yerkes, EB, Rink, RC, **Cain, MP**, Casale, AJ: Use of a Monti Channel for Administration of Antegrade Continence Enemas (Monti-MACE). American Academy of Pediatrics Annual Meeting, San Francisco, 2001.

Yerkes, EB, King, S, **Cain, MP**, Brei, T, Kaefer, M, Casale, AJ, Rink, RC: The MACE Procedure: Quality of Life and Patient Perspective. American Academy of Pediatrics Annual Meeting, San Francisco, 2001.

Austin, PF, Casale, AJ, **Cain, MP**, Rink, RC, Siow, Y, Fallat, ME: Mullerian Inhibiting Substance In Patients With Hypospadias. American Academy of Pediatrics Annual Meeting, San Francisco, 2001.

Casale, AJ, **Cain, MP**, Kaefer, M, Yerkes, EB, Rink, RC: The Use of Mineral Oil Administered Through An Antegrade Stoma In The Management of Chronic Constipation. American Academy of Pediatrics Annual Meeting, San Francisco, 2001.

Gitlin, J, Rink, RC, King, S, Herndon, A, Casale, AJ, **Cain, MP**, Kaefer, M: Conception, Pregnancy and Delivery in Patients with Augmented Bladders. American Urological Association Meeting, Orlando, 2002.

Gitlin, J, Rink, RC, Herndon, A, Casale, AJ, **Cain, MP**, Kaefer, M: The Extravesical Catheterizable Channel; A Novel Technique. European Society of Pediatric Urology, 2002.

Herndon, CDA, Rink, RC, Dussinger, A, Simmons, GR, **Cain, MP**, Kaefer, M, Casale, AJ: A

22-year follow-up of complications of the AUS in children and young adults. European Society of Pediatric Urology, 2002.

Yerkes, E, King, S, **Cain, M**, Brei, T, Kaefer, M, Casale, A, Rink, RC: The Malone antegrade continence enema procedure and quality of life. European Society of Pediatric Urology, 2002.

Rink, RC, Yerkes, E, **Cain, MP**, Casale, AJ: Use of a Monti channel for administering antegrade continence enemas. European Society of Pediatric Urology, 2002.

Melchior, D, Kaefer, M, Hile, K, **Cain, MP**, Casale, AJ, Rink, RC: Proliferative effect of neurotransmitters on human bladder smooth muscle cells. European Society of Pediatric Urology, 2002.

Rink, RC, **Cain, MP**: Further uses of mobilized sinus in total urogenital mobilization procedures. European Society of Pediatric Urology, 2002.

Herndon, CD, **Cain, MP**: Apparent Cystic Renal Mass Presenting with Antenatal Hydroureteronephrosis. Society of Fetal Urology 28th Biannual Meeting, 2002.

Wu, SD, **Cain, MP**, Herndon, CD, Kaefer, M, Casale, AJ, Rink, RC: Alpha Blocker Therapy For Children With Dysfunctional Voiding and Urinary Retention – A Replacement for Biofeedback? North Central Section, AUA. Chicago, 2002.

Herndon, CD, Rink, RC, Shaw, MBK, Gitlin, JS, **Cain, MP**, Casale, AJ: The Fate of the Artificial Urinary Sphincter After Creation of a Catheterizable Channel. North Central Section, AUA. Chicago, 2002.

DeMarco, RT, Yerkes, EB, **Cain, MP**: The Two-Layered Firlit Skirt for Coronal Collar Reconstruction – Does it Lower the Risk of Postoperative Fistula? North Central Section, AUA. Chicago, 2002.

Soergel, TM, **Cain, MP**, Kaefer, M, Gitlin, J, Casale, AJ, Rink, RC: Complications Involving the Use of Small Intestinal Submucosa (SIS) for Corporal Grafting in Cases of Severe Hypospadias. North Central Section, AUA. Chicago, 2002.

Rink, RC, **Cain, MP**: Further Uses of Mobilized Sinus in Total Urogenital Mobilizations

Procedures. American Academy of Pediatrics. Boston, 2002.

Gitlin, JS, **Cain, MP**, Lawrence, P, Casale, AJ, Kaefer, M, Rink, RC: The Riley Hospital

Experience with 112 Monti Catheterizable Channels. American Academy of Pediatrics. Boston, 2002.

Herndon, A, Rink, RC, Shaw, MBK, **Cain, MP**, Kaefer, M, Casale, AJ: Experience with Non-Cycled Artificial Urinary Sphincters and Catheterizable Channels. American Academy of Pediatrics. Boston, 2002.

Shaw, MBK, Rink, RC, Kaefer, M, **Cain, MP**, Casale, AJ: Continence in Bladder Exstrophy.

American Academy of Pediatrics. Boston, 2002.

Wu, SD, **Cain, MP**, Herndon, A, Rink, RC: Alpha Blocker Therapy for Children with

Dysfunctional Voiding and Urinary Retention – A Replacement for Biofeedback? American Academy of Pediatrics. Boston, 2002.

Soergel, TM, **Cain, MP**, Kaefer, M, Gitlin, J, Casale, AJ, Rink, RC: Complications of Small

Intestinal Submucosa (SIS) for Corporal Grafting in Proximal Hypospadias. American Academy of Pediatrics. Boston, 2002.

Herndon, A, Rink, RC, **Cain, MP**, Kaefer, M, King, S, Casale, AJ: Ileal Augmentation of

Gastrocystoplasty: A Proven Urodynamic Benefit. American Academy of Pediatrics. Boston, 2002.

DeMarco, RT, **Cain, MP**, Yerkes, EB: The Two-Layered Firlit Skirt for Coronal Collar

Reconstruction – Does It Lower the Risk of Fistula? American Academy of Pediatrics. Boston, 2002.

Melchior, D, Rink, RC, Cain, MP, Kaefer, M, Casale, AJ: Primary Ureterocele Incision Versus Upper Tract Surgery – Is There a Difference in the Long Run? American Academy of Pediatrics. Boston, 2002.

Herndon, A, Casale, AJ, **Cain, MP**, Kaefer, M, Rink, RC: Long Term Outcome Analysis of the Surgical Treatment of Buried Penis. ? American Academy of Pediatrics. Boston, 2002.

Continence in Classic Bladder Exstrophy with staged repair Shaw, MB, Rink, RC, Kaefer**,** M, **Cain, MP**, Casale, AJ:. European Society for Pediatric Urology, Madrid, Spain, 2003.

“Heat Shock Protein 47 is Upregulated in Bladder Outlet Obstruction” Herndon, CD, Shaw, MB, Rink,RC, Jung, C, **Cain, MP**, Casale, AJ**,** Kaefer, M: European Society for Pediatric Urology, Madrid, Spain, 2003

“A Novel Porcine Model of Bladder Outflow Obstruction” Shaw, MB, Herndon, CD, **Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M: European Society for Pediatric Urology, Madrid, Spain, 2003.

“Heparin-Binding Epidermal Growth Factor-Like Growth Factor (HBEGF) Induces Hypertrophy in Human Bladder Smooth Muscle Cells. Shaw, MB, Jung, C, **Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M: European Society for Pediatric Urology, Madrid, Spain, 2003.

“The Indiana Experience with Monti Ileovesicostomy” Gitlin,, J, **Cain, MP**, Casale, AJ, Kaefer, M, Rink, RC:. European Society for Pediatric Urology, Madrid, Spain, 2003.

“Experience with the non-cycled artificial urinary sphincter” Herndon, CD, Rink, RC, **Cain, MP**, Kaefer, M, Shaw, MB, Casale, AJ: European Society of Pediatric Urology, Madrid, Spain, 2003.

“The Fate of the Normal Upper Tract after Ureteroneocystotomy” Herndon, CD, Shaw, MB, Kaefer, M, **Cain, MP**, Casale, AJ, Rink, RC:. European Society for Pediatric Urology, Madrid, Spain, 2003

“Complications of Small Intestinal Submucosa for Corporal Grafting” **Cain, MP**, Soergel, TM, Kaefer, M, Gitlin, J, Casale, AJ, Rink, RC: European Society for Pediatric Urology, Madrid, Spain, 2003.

“Human Acellular Dermis as a Corporal Patch Graft.” Yerkes, E, Herndon, CD, Shaw, MB, **Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M: European Society for Pediatric Urology, Madrid, Spain, 2003. (3rd Prize, Basic Science Research)

“Long-term Outcome Analysis of the Surgical Treatment of Buried Penis.” Herndon, CD, Casale, AJ, Kaefer, M, **Cain, MP,** Rink, RC: European Society for Pediatric Urology, Madrid, Spain, 2003.

Shaw, MB, Herndon, CDA, Jung, C, **Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M: Expression of Heparin-Binding Epidermal Growth Factor-Like Growth Factor (HBEGF) Is Up-Regulated By Elevated Hydrostatic Pressure in Human Bladder Smooth Muscle and Interstitial Cells. American Urological Association Annual Meeting. Chicago, 2003.

Herndon, CDA, Casale, AJ, Benway, B, Kaefer, M, **Cain, MP**, Rink, RC: Continence in Posterior Urethral Valve Patients After 15 Years. American Urological Association Annual Meeting. Chicago, 2003.

Herndon, CDA, **Cain, MP**, Casale, AJ, Meldrum, KM, Kaefer, M, Rink, RC: The Colon Flap and Appendiceal-Cecal Extension: Two Alternatives for a MACE Channel With an Absent or Short Appendix. American Urological Association Annual Meeting. Chicago, 2003.

Yerkes, EB, Herndon, CDA, Shaw, M, **Cain, MP**, Casale, A, Rink, R, Davis, M, Kaefer, M: Human Acellular Dermis As A Corporal Patch Graft. American Urological Association Annual Meeting. Chicago, 2003.

Rink, RC, Herndon, CDA, Meldrum, KC, **Cain, MP**, Casale, AJ, King, SG, Dussinger, AM: Surgical Management and Outcomes of Cloacal Malformations: A 25 Year Institutional Review. North Central Section AUA, Vancouver, BC, 2003.

Herndon, CDA, Casale, AJ, Benway, B, **Cain, MP**, Rink, RC: Continence in Posterior Urethral Valve Patients After 15 Years. North Central Section AUA, Vancouver, BC, 2003.

Herndon, CDA, **Cain, MP**, Casale, AJ, Rink, RC: The Colon-Flap/Extension MACE: An Alternative to the Monti-MACE. North Central Section AUA, Vancouver, BC, 2003.

Soergel, TM, **Cain, MP**, Misseri, R, Casale, AJ, Rink, RC: Transitional Cell Cancer Following Augmentation Cystoplasty for Neuropathic Bladder. American Academy of Pediatrics Annual Meeting, New Orleans, 2003.

Shaw, MB, Herndon, A, **Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M: Pressures of 20 cm H2O Result in Increased Production of Heparin-Binding Epidermal Growth Factor (HBEGF) in Human Smooth Muscle. American Academy of Pediatrics Annual Meeting, New Orleans, 2003.

Shaw, MB, Herndon, A, **Cain, MP**, Casale, AJ, Rink, RC, Kaefer, M: A Fixed Outlet Resistance of Only 10 cm H2O is Injurious to the Bladder. American Academy of Pediatrics Annual Meeting, New Orleans, 2003.

Herndon, CDA, Rink, RC, Casale, AJ, Kaefer, M, **Cain, MP**: In-Situ Malone Antegrade Continence Enema in 127 Patients: A Six Year Experience. American Academy of Pediatrics Annual Meeting, New Orleans, 2003.

Yerkes, E, Packer, CS, Johnson, T, Davis, M, **Cain, MP**, Casale, A, Rink, RC, Kaefer, M: Augmentation Cystoplasty With Acellular Dermis. American Urological Association Annual Meeting, San Francisco, 2004.

Herndon, CDA, Casale, AJ, Benway, B, Kaefer, M, **Cain, MP**, Rink, RC: Long-Term Renal Function in Patients With Posterior Urethral Valves. American Urological Association Annual Meeting, San Francisco, 2004.

Kuo, H, Bernie, JE, Rink, RC, Kaefer, M, **Cain, MP,** Casale, AJ, Meldrum, KK, Sundaram, CP: Pediatric Nephrectomy – The Advantage of the Laparoscopic Approach. American Urological Association Annual Meeting, San Francisco, 2004.

Yerkes, EB, Robertson, F, Gitlin, J, Kaefer, M, **Cain, MP,** Rink, RC: Management of Perinatal Torsion: Today, Tomorrow or Never? American Academy of Pediatrics Annual Meeting, San Francisco, 2004.

Misseri, R, **Cain, MP**, Casale, AJ, Kaefer, M, Meldrum, KK, Rink, RC: Small Intestinal Submucosa Bladder Neck Slings for the Management of Incontinence Associated With Neuropathic Bladder: Should Ambulatory Status Be Considered? American Academy of Pediatrics Annual Meeting, San Francisco, 2004.

Rink, RC, Melcalfe, P, **Cain, MP**, Kaefer, M, Meldrum, KK: Partial Urogenital Mobilization: The Advantages Without the Risks. European Society of Pediatric Urology, Uppsala, Sweden, 2005.

Emley, T, Casale, AJ, Rink, RC, Cain, MP, Kaefer, M, Meldrum, KK, Vetter, T: A Comparison of Single Dose Caudal Clonidine Versus Morphine in Pediatric Patients Undergoing Ureteral Reimplantation. ESPU, Uppsala, Sweden, 2005.

Misseri, R, Casale, AJ, **Cain, MP**, Rink, RC: Alternative Uses of Deflux: The Efficacy of Bladder Neck Injection for Urinary Incontinence. American Academy of Pediatrics Annual Meeting, San Francisco, 2004.

Dussinger, AM, **Cain, MP,** Casale, AJ, Kaefer, MA, Meldrum, KK, Rink, RC: An Updated Experience With the Monti Catheterizable Channel. American Urological Association Annual Meeting, San Antonio, 2005.

Metcalfe, PD, Casale, AJ, Kaefer, MA, Dussinger, AM, Meldrum, KK, **Cain, MP,** Rink, RC: Spontaneous Bladder Perforations: A Report of 500 Augmentations in Children and Analysis of Risk. American Urological Association Annual Meeting, San Antonio, 2005.

Dussinger, AM, **Cain, MP,** Gitlin, J, Casale, A, Kaefer, M, Meldrum, K, Rink, RC: An Updated Experience with the Monti Catheterizable Channel. North Central Section Annual Meeting, American Urological Association, Chicago, 2005.

Metcalfe, PD, **Cain, MP,** Gilley, DA, Misseri, R, Meldrum, KK, Kaefer, MA, Casale, AJ, Rink, RC: What Is the Need for Additional Bladder Surgery After Bladder Augmentation in Children? American Academy of Pediatrics, Section on Urology Annual Meeting. Washington, DC, 2005.

Metcalfe, PD, Casale, AJ, Luerssen, TJ, Kaefer, MA, Meldrum, KK, Rink, RC, **Cain, MP**: Treatment of the Occult Tethered Spinal Cord for Neuropathic Bladder: Results From Sectioning of the Filum Terminale. American Academy of Pediatrics, Section on Urology Annual Meeting. Washington, DC, 2005.

Dussinger, AM, **Cain, MP,** Casale, AJ, Kaefer, M, Meldrum, K, Rink, RC: Appendico-vesicostomy Versus Monti Ileovesicostomy for Mitrofanoff Channel – The Indiana Experience In Over 300 Patients. American Urological Association Annual Meeting. Atlanta, 2006.

Leslie, JA, **Cain, MP,** Kaefer, M: A Cystic Sacrococcygeal Teratoma Mimicking Posterior Urethral Valves. Society of Fetal Urology 37th Biannual Meeting, Atlanta, October, 2006.

Metcalfe, PD, Kaefer, MA, Meldrum, KK, **Cain, MP,** Rink, RC: Pediatric Nomogram for Double J Stents: Comparison of Age, Height, and Weight. American Academy of Pediatrics, Section on Urology Annual Meeting, Atlanta, October, 2006.

Leslie, JA, **Cain, MP**, Rink, RC, Kaefer, M, Meldrum, KK, Dussinger, AM, Casale, AJ: A Comparison of the Monti and Casale (Spiral Monti) Procedures. American Academy of Pediatrics, Section on Urology Annual Meeting, Atlanta, October, 2006.

Kuo, HJ, Metcalfe, PD, Meldrum, KK, Kaefer, M, **Cain, MP,** Rink, RC: Open Ureteral Reimplantation after Endoscopic Treatment of VUR. American Academy of Pediatrics, Section on Urology Annual Meeting, Atlanta, October, 2006.

**Cain, MP,** Bani-Hani, AH, Kaefer, M, Casale, AJ, King, S, Rink, RC: Malone Antegrade Continence Enema (MACE): A Comparison of Results Using Various Channel Techniques. European Society for Pediatric Urology Annual Congress, Brugge, Belgium, April, 2007.

**Cain, MP,** Leslie, JA, Casale, AJ, Kaefer, M, Rink, RC: Corporal Grafting for Severe Hypospadias – A Single Institutional Experience With Three Different Techniques. European Society for Pediatric Urology Annual Congress, Brugge, Belgium, April, 2007.

Leslie, JA, **Cain, MP:** Umbilical Cord Mass, Posterior Urethral Polyps and Congenital Urethral Stricture in Term Neonate. Society for Fetal Urology 38th Biannual Meeting, Anaheim, May, 2007.

Bani Hani, AH, **Cain, MP,** Kaefer, M, Casale, AJ, Meldrum, KK, King, S, Rink, RC: Malone Antegrade Continence Enema (MACE): Long-Term Outcome. American Urological Association Annual Meeting, Anaheim, May, 2007.

Rink, RC, Leslie, JA, Kaefer, M, Meldrum, KK, Misseri, R, **Cain, MP:** Outcomes and Risk Factors in Urogenital Mobilization. American Academy of Pediatrics, Section on Urology Annual Meeting, San Francisco, 2007.

Leslie, JA, **Cain, MP**, Kaefer, M, Meldrum, KK, Casale, AJ, Rink, RC: Corporal Grafting for Severe Hypospadias: A Single Institutional Experience with Three Different Techniques. American Academy of Pediatrics, Section on Urology Annual Meeting, San Francisco, 2007.

Bani-Hani, AH, **Cain, MP**, Kaefer, M, Meldrum, KK, Misseri, R, King, SJ, Rink, RC: Tap Water Irrigation and the Use of Additives to Optimize Success with the Malone Antegrade Continence Enema (MACE): The Indiana University Algorithm. American Academy of Pediatrics, Section on Urology Annual Meeting, San Francisco, 2007.

Kaefer, M, Gunn, C, Leslie, J, **Cain, MP**, Casale, AJ, Meldrum, K, Rink, RC: Postoperative Obstruction Following Megaureter Repair: Which Technique is Safest? American Academy of Pediatrics, Section on Urology Annual Meeting, San Francisco, 2007.

Rosenbaum, D, **Cain, MP**, Kaefer, M, King, S, Rink, R: Ileal Enterocystoplasty and B12 Deficiency in Pediatric Patients. European Society of Pediatric Urology, Nice, France, 2008.

Casale, A, Eppley, B, **Cain, M**, Kaefer, M, Rink, R: Tissue Engineered Abdominal Wall Repair of Cloacal Exstrophy. European Society of Pediatric Urology, Nice, France, 2008.

Rink, R, Leslie, J, Kaefer, M, Meldrum, K, Misseri, R, **Cain, M**: Outcomes and Risk Factors in Urogenital Mobilization. European Society of Pediatric Urology, Nice, France, 2008.

Rosenbaum, D, **Cain, MP**, Kaefer, M, King, S, Rink, R: Ileal Enterocystoplasty and B12 Deficiency in Pediatric Patients. American Urological Association Annual Meeting, Orlando, 2008.

Misseri, R, VanderBrink, BA, **Cain, MP**, Rogers, A, Meldrum, KK, Kaefer, M, Rink, RC: Cytologic Findings in Patients with Prior Augmentation Cystoplasty. American Urological Association Annual Meeting. Chicago, 2009.

Vanderbrink, B, **Cain, MP**, Jiminez, JA, Mehan, R, Meldrum, KK, Misseri, R, Kaefer, M, Rink, RC: Which Approach Is Preferred in Treating Upper Pole Pathology in Duplex Systems: Extirpative or Reconstructive? American Academy of Pediatrics , Section on Urology Annual Meeting, Washington, DC, 2009.

Vanderbrink, B, King, S, Misseri, R, Meldrum, KK, **Cain, MP**, Kaefer, M, Jones, D, Rink, RC: Oral Vitamin B12 for Treatment of Vitamin B12 Deficiency in Patients with Prior Ileocystoplasty: Is it Effective? American Academy of Pediatrics , Section on Urology Annual Meeting, Washington, DC, 2009.

Vanderbrink, B, **Cain, MP**, Kaefer, M, Rink, RC: Does Preoperative Genitography in CAH Affect Surgical Approach to Feminizing Genitoplasty? American Academy of Pediatrics , Section on Urology Annual Meeting, Washington, DC, 2009.

Vanderbrink, BA, **Cain, MP,** Kaefer, M, Meldrum, KK, Misseri, R, Rink, RC: Split Appendix Technique for Simultaneous Creation of Appendicovesicostomy and Appendicocecostomy. American Urological Association Annual Meeting, San Francisco, 2010.

Vanderbrink, BA, **Cain, MP,** Kaefer, M, Meldrum, KK, Misseri, R, Rink, RC: What is Eventual Outcome Following Surgical Revision of Malone Antegrade Continence Enema (MACE) Channel?. American Urological Association Annual Meeting, San Francisco, 2010.

Vanderbrink, BA, **Cain, MP,** Kaefer, M, Meldrum, KK, Misseri, Mellon, MR, Rink, RC: Increased Need for Subfascial Revision With Continent Catheterizeable Channel Implanted into Bladder Augmentation Intestinal Segment. American Urological Association Annual Meeting, San Francisco, 2010.

**Cain, MP**, McKay, J, Wruck, J: Results of a Multi-Institutional, Prospective, Open-Label Study Evaluating the Safety and Efficacy of Tamsulosin Hydrochloride for Managing Children With Neuropathic Bladder and High Leak Point Pressure. American Urological Association Annual Meeting, San Francisco, 2010.

Ivey, BS, VanderBrink, BA, **Cain, MP**, Meldrum, KK, Misseri, R, Waddell, LM, Rink, RC, Karmazyn, B, Kaefer, M: The Solitary Renal Cyst in the Pediatric Patient: How Concerned Should We Be? American Urological Association Annual Meeting, San Francisco, 2010.

Ganeshappa, A, Misseri, R, **Cain, MP**, Kaefer, M, Meldrum, K, Rogers, A, Tong, Y, Rink, RC: Quality of Life in Adults with Myelomeningocele After Urinary Tract Reconstruction in Childhood. 1st World Congress of Pediatric Urology. San Francisco, 2010.

Rhee, A, **Cain, MP:** Percutaneous Cystolithotomy in the Pediatric Neuropathic Bladder with Laparoscopic Trocar Access: A Novel Approach Useful for the Augmented and Native Bladder and Continent Urinary Reservoir. American Urological Association Annual Meeting, Washington, DC, 2011.

Franke, E, **Cain, MP,** Kaefer, M, Meldrum, K, Misseri, R, Rink, RC: Isolated Lower Urinary Tract Reconstruction in Renal Duplication Associated with a Nonfunctioning Upper Pole. American Urological Association Annual Meeting, Washington, DC, 2011.

Rhee, AR, Hillier, K, Meldrum, KK, Kaefer, M, **Cain, MP,** Rink, RC, Misseri, R: Satisfaction after Bowel and Bladder Reconstruction Surgery for Continence in the Pediatric Spina Bifida Population. Second World Congress on Spina Bifida, Las Vegas, 2012.

Rhee, AR, Misseri, R, **Cain, MP:** Laparoscopic Assisted Malone Appendicocecostomy (LAM) in the Pediatric Population: A Simple Minimally Invasive Technique Utilizing Extracorporal Plication. Second World Congress on Spina Bifida, Las Vegas, 2012.

Rhee, A, Cooper, M, Misseri, R, Kaefer, M, Meldrum, K, **Cain, M**, Karmazyn, B, Rink, R: Pediatric Testicular Microlithiasis: What’s a Doctor to Do? American Urological Association Annual Meeting, Atlanta, GA, May, 2012.

Rhee, A, Hillier, K, Meldrum, K, Kaefer, M, **Cain, M**, Rink, R, Misseri, R: Satisfaction After Bowel and Bladder Reconstructive Surgery for Continence in the Pediatric Population. American Urological Association Annual Meeting, Atlanta, GA, May, 2012.

Whittam, B, Hanneman, P, Szymanski, K, Misseri, R, Kaefer, M, Rink, R, **Cain, M**: Long-Term Fate of the Bladder after Isolated Bladder Neck Procedure. Society for Pediatric Urology, San Diego, CA, May, 2013.

Whittam, B, Carr, B, Szymanski, K, Misseri, R, Kaefer, M, Karmazyn, B, Rink, R, **Cain, M**: Bilateral Grade 2 Hydronephrosis in Males, is it Predictive of Posterior Urethral Valves? Society for Pediatric Urology, San Diego, CA, May, 2013.

Whittam, B, Calaway, A, Misseri, R, Kaefer, M, Karmazyn, B, Rink, R, **Cain, M**: Ultrasound Diagnosis of Multicystic Dysplastic Kidney: Is a Confirmatory Nuclear Medicine Scan Necessary? Society for Pediatric Urology, San Diego, CA, May, 2013.

Szymanski KM, Misseri R, Whittam B, Amstutz S, Kaefer M, Rink RC, **Cain MP**.: Cutting for stone in augmented bladders: What is the risk of recurrence and is it impacted by treatment modality**.** Moving Beyond Pediatric Incontinence: The Challenges of Transitional Care, June 7, 2013, Toronto, Canada

Szymanski KM, Misseri R, Whittam B, Amstutz S, Kaefer M, Rink RC, **Cain MP**.: Cutting for stone in augmented bladders: What is the risk of recurrence and is it impacted by treatment modality?CUA National Meeting 2013, June 25, 2013, Niagara Falls, Canada, Can Urol Assoc J; 7(5-6Suppl2): S96

Szymanski KM, Misseri R, Whittam B, Amstutz S, Kaefer M, Rink RC, **Cain MP**.: Cutting for stone in augmented bladders: What is the risk of recurrence and is it impacted by treatment modality?Pediatric Urology Fall Congress 2013, Las Vegas, NV, September 22, 2013

Martin Kaefer, Konrad Szymanski, James Grogan, Rosalia Misseri, Benjamin Whittam, Kirsten Meldrum, Richard Rink, **Mark Cain** . A Single Institutional Comparison Between Cutaneous Ureterostomy and Temporary Refluxing Ureteral Reimplantation for the Management of Congenital UVJ Obstruction. Pediatric Urology Fall Congress 2013, Las Vegas, NV, September 22, 2013

Adam Calaway, Benjamin Whittam, Konrad Szymanski, Rosalia Misseri, Martin Kaefer, Boaz Karmazyn, Richard Rink, **Mark Cain**. Is a Voiding Cystourethrogram Necessary in the Workup of Patients with a Multicystic Dysplastic Kidney. Pediatric Urology Fall Congress 2013, Las Vegas, NV, September 22, 2013

Benjamin Whittam, Konrad Szymanski, Chandra Flack, Ali Keenan, Rosalia Misseri, Martin Kaefer, Richard Rink, **Mark Cain**. A Comparison of the Monti and Spiral Monti Procedure. Pediatric Urology Fall Congress 2013, Las Vegas, NV, September 22, 2013

Alison Keenan, Benjamin Whittam, Konrad Szymanski, Shelly King, Rosalia Misseri, Martin Kaefer, Richard C. Rink, **Mark Cain**. Long-term treatment outcomes of oral B12 supplementation in pediatric patients with B12 deficiency following ileal enterocystoplasty. Pediatric Urology Fall Congress 2013, Las Vegas, NV, September 22, 2013

Rudolph Bowens, Deepak Agarwal, Benjamin Whittam, Rosalia Misseri, **Mark Cain**, Kirsten Meldrum, Richard Rink, Martin Kaefer. Are Urine Cultures at Time of Elective Lower Urinary Tract Surgery Necessary? Pediatric Urology Fall Congress 2013, Las Vegas, NV, September 22, 2013

**Cain, MP**, Szymanski, K, Whittam, B, Misseri, R, Kaefer, M, Rink, R. Catheterizable Continent Urinary Channels: What Do You Use, Where Do You Put It and Does It Matter? European Society for Pediatric Urology, Innsbruck, Austria, May 7-10, 2014.

Misseri, R, Szymanski, K, Whittam, B, Amstutz, S, Kaefer, M, Rink, R, **Cain, M**. Infectious Bladder Stones After Bladder Augmentation Are Not What They Seem. European Society for Pediatric Urology, Innsbruck, Austria, May 7-10, 2014.

Misseri, R, Szymanski, K, Whittam, B, Hubert, K, Adams, C, Kirkegaard, J, King, S, Kaefer, M, Rink, R, **Cain, M**. Mortality After Bladder Augmentation in Patients With Spina Bifida. European Society for Pediatric Urology, Innsbruck, Austria, May 7-10, 2014.

**Cain, M**, Whittam, B, Strine, A, Misseri, R, Kaefer, M, Hubert, K, Rink, R. Is Renal Scintigraphy Needed After Open Heminephrectomy in Children? European Society for Pediatric Urology, Innsbruck, Austria, May 7-10, 2014.

Szymanski, K, Misseri, R, Whittam, B, Hubert, K, Adams, C, Kirkegaard, J, King, S, Kaefer, M, Rink, R, **Cain, MP**: Mortality after bladder augmentation in patients with spina bifida. Society for Pediatric Urology Annual Meeting, Orlando, FL, May, 2014.

Szymanski, K, Misseri, R, Whittam, B, Amstutz, S, Ring, J, Kaefer, M, Rink, R, **Cain, MP**: Bladder Stones after Bladder Augmentation Are Not What They Seem. Society for Pediatric Urology Annual Meeting, Orlando, FL, May, 2014.

Martin Kaefer, MD, Deepak Agarwal, MD, Rosalia Misseri, MD, Benjamin Whittam, MD, Katherine Hubert, MD, Richard Rink, MD, **Mark Cain, MD**.

TREATMENT OF CONTRALATERAL HYDROCELE IN NEONATAL TESTICULAR TORSION: IS LESS MORE? Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Konrad M. Szymanski, MD, Benjamin Whittam, MD, Rosalia Misseri, MD, Chandra K. Flack, MD, Martin Kaefer, MD, Richard C. Rink, MD, Mark P. Cain, MD.

Does channel type and stomal location affect long-term outcomes of catheterizable continent urinary channels?Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Konrad M. Szymanski, MD MPH, Richard C. Rink, MD, Benjamin Whittam, MD, Joshua D. Ring, MD, Rosalia Misseri, MD, Martin Kaefer, MD, **Mark P. Cain, MD**. Long-term outcomes of the Kropp and Salle urethral lengthening bladder neck reconstruction procedures. Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Weston Kitley, BS, Martin Kaefer, MD, Catherine Proctor, BS, Rosalia Misseri, MD, Benjamin Whittam, MD, Katherine Hubert, MD, Richard Rink, MD, **Mark Cain, MD**, Paul Winchester, MD.HYPOSPADIAS SEVERITY CORRELATES DIRECTLY WITH THE USE OF AGRICULTURAL HERBICIDES AND PESTICIDES. Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Katherine Hubert, MD, MPH, Tim Large, MD, Allison Keenan, MD, Konrad Szymanski, MD, MPH, Benjamin Whittam, MD, Misseri Rosalia, MD, Martin Kaefer, MD, Benjamin Judge, BS, Richard Rink, MD, **Mark Cain, MD**. Renal function may continue to deteriorate with long-term follow-up after gastrocystoplasty.Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Sandeep Gurram, MD, Martin Kaefer, MD, Benjamin Whittam, MD, Rosalia Misseri, MD, Katherine Hubert, MD, **Mark Cain, MD**, Richard Rink, MD, Boaz Karmazyn, MD.

[Is CT Cystography an accurate study for evaluation spontaneous perforation of the augmented bladder in children?](http://fallcongress.spuonline.org/abstracts/2014/P29.cgi)  .Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Joshua D. Roth, M.D., Benjamin Whittam, M.D., Konrad Szymanski, M.D., Alison Keenan, M.D., Christian Tabib, Kate Hubert, M.D., Rosalia Misseri, M.D., Martin Kaefer, M.D., Richard Rink, M.D., **Mark Cain, M.D**. [Who is still using their MACE after 10 years of follow-up?](http://fallcongress.spuonline.org/abstracts/2014/P31.cgi) .Pediatric Urology Fall Congress, Miami, FL, October, 2014.

Konrad M. Szymanski, MD MPH, Rosalia Misseri, MD, Benjamin Whittam, MD, Sonia-Maria Raposo, LL.B., Shelly King, NP, Martin Kaefer, MD, Richard C. Rink, MD, **Mark P. Cain, MD**. [The Riley Evaluation of Quality of Life in Spina Bifida instrument for Adults (REQoLSB-A): Development and international validation of a new and clinically useful health-related quality of life tool](http://fallcongress.spuonline.org/abstracts/2014/P32.cgi). .Pediatric Urology Fall Congress, Miami, FL, October, 2014.

**Cain, MP**: Does Channel Type and Stomal Location Affect Long-Term Outcomes of Catheterizable Continent Urinary Channels? 16th Annual Congress of Asia Pacific Association of Pediatric Urologists. Nikko, Japan. November, 20014.

Gerber, R, Hubert, K, **Cain, MP**: Gender Assignment in Mixed Gonadal Dysgenesis. AMWA Centennial Meeting, Chicago, IL. April, 2015.

Hubert, K, Szymanski, K, Li, X, Ofner, S, Flack, C, Judge, B, Whittam, B, Misseri, R, Kaefer, M, Rink, R, **Cain, MP**: Baseline obesity is not a risk factor for subfascial revisions following continent catheterizeable urinary channel placement. Society for Pediatric Urology 63rd Annual Meeting. New Orleans, LA, May, 2015.

Szymanski, K, Misseri, R, Whittam, B, Raposos, SM, Yang, D, King, S, Kaefer, M, Rink, R, **Cain, M**: QUALity of Life Assessment in Spina bifida for Children (QUALAS-C): Development and validation of a novel health-related quality of life instrument. Society for Pediatric Urology 63rd Annual Meeting. New Orleans, LA, May, 2015.

Keenan, A, Carroll, A, Rink, R, **Cain, M**, Whittam, B, Bennett, W: Testicular Microlithiasis in Asymptomatic Boys. What is the appropriate follow-up? Society for Pediatric Urology 63rd Annual Meeting. New Orleans, LA, May, 2015.

Whittam, B, Bennett, W, Keenan, A, Szymanski, K, Carroll, A, Rink, R, **Cain, M**: Comparison of Cost and Complications in Open versus Robotic Ureteral Reimplantation in American Children’s Hospitals. Society for Pediatric Urology 63rd Annual Meeting. New Orleans, LA, May, 2015.

Kaefer, M, Gerber, R, King, S, Young, M, Misseri, R, Whittam, B, Hubert, K, Szymanski, K, Rink, R, Cain, M: Pressure at Presenting Volume (PPV) To Evaluate the Validity of Urodynamic Testing. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Szymanski, K, Whittam, B, Misseri, R, Flak, C, Hubert, K, Kaefer, M, Rink, R, Cain, M: A Case of Base Ratio Bias, Or Are Teenagers Really at a Higher Rick of Developing Complications After Catheterizable Urinary Channel Surgery? European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Whittam, B, Bennett, W, Keenan, A, Szymanski, K, Carroll, A, Rink, R, Cain, M: Comparison of Cost and Complication in Open Versus Robotic Ureteral Reimplantation in American Children’s Hospitals. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Casey, J, Zhang, M, Hubert, K, Szymanski, K, Judge, B, Whittam, B, Kaefer, M, Misseri, R, Rink, R, Cain, M: Does Endoscopy of Difficult to Catheterize Channels Subsequently Lead to Formal Open Revision? European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Kaefer, M, Proctor, C, Misseri, R, Hubert, K, Whittam, B, Szymanski, K, Rink, R, Cain, M: Prevalence of Neural Tube Defects Correlates With Environmental Exposure to Agricultural Herbicides and Pesticides. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Syzmanski, K, Misseri, R, Cain, M: Will I have Normal Erections? Hydrocephalus, Mobility and Erection Quality in Men with Spina Bifida. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Szymanski, K, Misseri, R, Whittam, B, Kaefer, M, Rink, R, Cain, M: How Much, Not How Often: Predictors of Bother with Urinary Incontinence and it’s Impact on Quality of Life in Over 500 Adults with Spina Bifida. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Hubert, K, Szymanski, K, LI, X, Ofner, S, Flack, C, Judge, B, Whittam, B, Misseri, R, Kaefer, R, Rink, R, Cain, M: Patients Who Become Obese Following Continent Catheterizable Urinary Channel Placement are Not at Increased for Subfascial Revision. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Casey, J, Hubert, K, Hasegawa, Y, Large, T, Judge, B, Kaefer, M, Misseri, R, Rink, R, Ueoka, K, Cain, M. Long-Term Follow up of Composite Bladder Augmentation Incorporating Stomach in a Multi-Institutional Cohort of Patients with Cloacal Exstrophy. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Whittam, B, Keenan, A, Rink, R, Cain, M, Bennett, W. Validated Cost Comparison of Open Versus Robotic Pediatric Pyeloplasty in American Children’s Hospitals. European Society for Pediatric Urology/AAP/SPU Joint Meeting, Prague, October 2015.

Casey, JT, Whittam, BM, Szymanski, KM, Misseri, R, Cain, MP, Bennett, WE. Does Atmospheric Temperature Affect the Rate of Testicular Torsion? Society for Pediatric Urology, AUA Annual Meeting, San Diego, CA, May, 2016.

Hubert, K, Bell, T, Benneyworth, B, Cain, M, Carroll, A. Variation in Perioperative Antibiotic Prophylaxis for Outpatient Pediatric Urologic Procedures at US Children’s Hospitals. AUA Annual Meeting, San Diego, CA, May, 2016.

Large, T, Keenan, A, Bennett, W, Cain, M, Rink, R, Whittam, B. Evaluating Robotic Operative Experience: How Suture Integrity Can Assess a Surgeon’s Proficiency. AUA Annual Meeting, San Diego, CA, May, 2016.

Casey, JT, Whittam, BM, Bennett, WE, Szymanski, KM, Cain, MP, Rink, RC. Cost Analysis and Clinical Outcomes of Feminizing Genitoplasty on CAH using a Large Scale Administrative Database. Society for Pediatric Urology, AUA Annual Meeting, San Diego, CA, May, 2016.

Szymanski, K, Misseri, R, Whittam, B, Kaefer, M, Rink, R, Cain, M. Impact of urinary and fecal incontinence on quality of life in adults with spina bifida: all continence is not created equal. Society for Pediatric Urology, AUA Annual Meeting, San Diego, CA, May, 2016.

Misseri, R, Szymanski, K, Hardacker, T, Cain, M. How successful is the transition to adult urology care in spina bifida? A single center 7-year experience. Society for Pediatric Urology, AUA Annual Meeting, San Diego, CA, May, 2016.

Weatherly, D, Szymanski, K, Whittam, B, Bennett, W, Misseri, R, Kaefer, M, Rink, R, Cain, M. Cost and Clinical Outcomes of Inpatient Bowel Preparation versus Outpatient Bowel Preparation for Appendicovesicostomy in Children and Adolescents. Society for Pediatric Urology, AUA Annual Meeting, San Diego, CA, May, 2016.

Misseri, R, Roth, J, Rink, R, Cain, M. Pregnancy and Cesarean Section in Women With Lower Urinary Tract Reconstruction: What is the Role of the Urologist? European Society for Pediatric Urology Annual Meeting, Harrogate, England, June 2016.

Cain, M, Weatherly, D, Szymanski, K Whittam, B, Bennett, W, Misseri, R, Kaefer, M, Rink, R. Cost and Clinical Outcomes of Inpatient Bowel Preparation Versus Outpatient Bowel Preparation for Appendicovesicostomy in Children and Adolescents. European Society for Pediatric Urology Annual Meeting, Harrogate, England, June 2016.

Chan, K, Whittam, B, Moser, E, Cain, M, Bennett, W. Adverse Events Associated with Antibiotic Prophylaxis for Circumcision. European Society for Pediatric Urology Annual Meeting, Harrogate, England, June 2016.

Chan, K, Bell, T, Benneyworth, B, Cain, M, Carroll, A. Variations in Perioperative Antibiotic Prophylaxis for Outpatient Pediatric Urologic Procedures. European Society for Pediatric Urology Annual Meeting, Harrogate, England, June 2016.

Szymanski, K, Misseri, R, Whittam, B, Kaefer, M, Rink, R, Cain, M. Impact of Urinary and Fecal Incontinence on Quality of Life in Adults with Spina Bifida: All Incontinence is Not Created Equal. European Society for Pediatric Urology Annual Meeting, Harrogate, England, June 2016.

Misseri, R, King, S, Gerber, R, Cain, M. The Use of Neuromuscular Re-Education in Girls with Stress Urinary Incontinence. European Society for Pediatric Urology Annual Meeting, Harrogate, England, June 2016.

Weatherly, D, Whittam, B, Misseri, R, Kaefer, M, Rink, R, Cain, M, Bennett, W. Compliance of Current Orchiopexy Guidelines Over Time. Pediatric Urology Fall Congress. Dallas, TX, September, 2016.

Chan, KH, Shah, A, Moser, B, Szymanski, K, Whittam, B, Misseri, R, Kaefer, M, Rink, R, Cain, M. Outcomes of Caudal Versus Ilioinguinal Nerve Block for Inguinal Procedures. Pediatric Urology Fall Congress. Dallas, TX, September, 2016.

Roth, JD, Casey, JT, Whittam, BM, Szymanski, K, Rink, RC, Cain, MP, Misseri, R. Pregnancy and Cesarean Section in Women with Lower Urinary Tract Reconstruction: What is the Role of the Urologist? Pediatric Urology Fall Congress. Dallas, TX, September, 2016.

Cain, MP: Retrograde pyelogram prior to pyeloplasty for young infants – does is influence the incision site for small muscle splitting incisions? International Pediatric Urology Symposium. Jerusalem, Israel. December 12, 2016.

Cain, MP: Anterior Mitrofanoff channels, are the results any different? Results of a multi-institutional study. International Pediatric Urology Symposium. Tel Aviv, Israel. December 12, 2016.

**Grants:**

Cain, MP, Husmann, DA, Tindall, DJ, Kramer, SA: Mechanisms of Androgen

Activity on Testicular Descent: A Study of the Gubernaculum and Genitofemoral Nuclei.

Funded through the Mayo Foundation, 9/92-6/94, $20,000.

Cain, MP, Rink, RC, Casale, AJ, Liechty, EA: Alteration in Urinary Insulin-Like Growth Factor-1 in Children With Congenital Ureteral Obstruction. Caroline Oaks Research Grant, National Kidney Foundation of Indiana, 1998, $5,000.

Cain, MP, Yerkes, EB, Rink, RC, DeMarco, R: Long Term Complications of Major Urinary Tract Reconstruction Associated with Alterations in Tissue Perfusion. Clarian Health Partners Values Fund For Research, 2000-2002, $96,775.

Cain, MP, King, SJ, Sears, M, et al: Pharmacokinetics, safety and tolerability of single oral doses of tamsulosin hydrochloride in children with voiding disorders. Boehringer Ingelheim Multi-Institutional Study 527.49. IU IRB Study # 0411-15, 2004-2005. $35,112.

Cain, MP. Coordinating Investigator, Boehringer Ingelheim trial 527.49. “Pharmacokinetics, safety, and tolerability of single oral doses of tamsulosin hydrochloride in children with voiding disorders.” Multi-institutional clinical trial, 2005.

Cain, MP. Principle Investigator. An Uncontrolled, Open-Label, Titration, Long-Term Safety (up to 12 months) and Efficacy Study of Tamsulosin Hydrochloride in Children with Neuropathic Bladder, with a Randomized Pharmacokinetic Sub-Study Investigating Low, Medium, and High Dose Range. 2006-2008. $85,064.

Cain, MP. PI: Riley Children’s Foundation Grant. Mentorship Support for Pediatric Urology Faculty, Development of Outcomes Research. 2013-2015. $150,000.

Cain, MP. PI: Riley Children’s Foundation Grant. Pediatric Urology Junior Faculty Research Support. 2014-2017. $300,000.

Cain, MP. PI: Riley Children’s Foundation Grant. Pediatric Urology CAH Program Development and Research Support. 2015-2016, $100,000.

Cain, MP. PI: Riley Children’s Foundation Grant. Pediatric Urology General Research Support, 2015. $150,000.