



CITY OF NEWBURYPORT RECEIVED
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SEAN R. REARDON, MAYOR NEWBURYPORT, MA
2023 APR 13 P 1:46

60 PLEASANT STREET - P.O. Box 550
NEWBURYPORT, MA 01950
978-465-4413 PHONE
MAYOR@CITYOFNEWBURYPORT.COM

To: President and Members of the
City Council

From: Sean R. Reardon, Mayor

Date: April 24, 2023

Subject: Re-Appointment

I hereby re-appoint, subject to your approval the following named individual as a member of the Historical Commission. This term will expire on May 1, 2026.

Marc Cendron
91 High Street
Newburyport, MA 01950

CURRICULUM VITAE

Date Prepared: June , 2018

Name: **Marc Cendron, M.D.**

Home Address: 91 High Street
Newburyport, MA 01950

Office Address: Department of Urology
Children's Hospital Boston
300 Longwood Avenue
Boston, MA 02115

Phone: 617-355-7796

E-Mail: Marc.Cendron@childrens.harvard.edu

FAX: 617-730-0474

Place of Birth: Bois-Colombes, France (Citizenship: U.S.A.)

Education:

1973-1975	Pre-Medical Studies		Université Paris VII
1976-1798	B.A., Cum Laude	Biology	Bowdoin College, Brunswick, ME
1980-1984	M.D.	Medicine	Tufts University School of Medicine, Boston, MA

Postdoctoral Training:

1984-1985	Intern	Surgery	Hospital of the University of Pennsylvania, Philadelphia, PA
1985-1986	Resident	Surgery	Hospital of the University of Pennsylvania, Philadelphia, PA
1986-1990	Resident	Urology	Hospital of the University of Pennsylvania, Philadelphia, PA
1990-1991	Fellow	Pediatric Urology	James Buchanan Brady Urological Institute, Johns Hopkins Hospital, Baltimore, MD

Faculty Academic Appointments:

1990-1991	Instructor	Urology	Johns Hopkins School of Medicine, Baltimore, MD
1991-1994	Assistant Professor	Urology	Tufts University School of Medicine, Boston, MA
1994-1996	Assistant Professor	Surgery (Urology) & Pediatrics	Dartmouth Medical School, Hanover, NH
1996-2001	Associate Professor	Surgery (Urology) & Pediatrics	Dartmouth Medical School, Hanover, NH
1997-2003	Clinical Associate Professor	Urology & Pediatrics	University of Vermont, College of Medicine, Burlington, VT
2001-2003	Professor	Surgery (Urology) & Pediatrics	Dartmouth Medical School, Hanover, NH
2003-present	Associate Professor	Surgery (Urology)	Harvard Medical School, Boston, MA

Appointments at Hospitals/Affiliated Institutions:

1991-1994	Attending Staff	Pediatric Urology	New England Medical Center, Floating Hospital, Boston, MA
1992-1994	Consulting Staff	Pediatric Urology	Goddard Hospital, Stoughton, MA
1993-1994	Consulting Staff	Pediatric Urology	Winchester Hospital, Winchester, MA
1993-1994	Consulting Staff	Pediatric Urology	Newton Wellesley Hospital, Newton, MA
1994-2003	Attending Staff	Urologic Surgery	Dartmouth-Hitchcock Medical Center, Lebanon, NH
1994-2003	Consulting Staff	Pediatric Urology	V.A. Medical Center, White River Junction, VT
1995-2003	Consulting Staff	Pediatric Urology	Elliot Hospital, Manchester, NH
1995-2000	Consulting Staff	Pediatric Urology	Southern New Hampshire Regional Medical Center, Nashua, NH
1995-1999	Consulting Staff	Pediatric Urology	Cheshire Regional Medical Center, Keene, NH
1996-2001	Consulting Staff	Pediatric Urology	Lahey Clinic, Burlington, MA
1996-2003	Consulting Staff	Pediatric Urology	Fletcher-Allen Medical Center, Burlington, VT

1999-2001	Consulting Staff	Pediatric Urology	Crotched Mountain Rehabilitation Center, Greenfield, NH
2003-present	Attending Staff	Urologic Surgery	Boston Children's Hospital, Boston, MA
2003-present	Consulting Staff	Pediatric Urology	Brigham and Women's Hospital, Boston
2013-2017	Surgical Staff	Pediatric Urology	Beverley Hospital, Beverley, MA

Other Professional Positions:

1978-1980	Research Assistant	Department of Gastroenterology, Carney Hospital, Tufts School of Medicine
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Major Administrative Leadership Positions:

Local

1996-2003	Director of Urology Research Laboratory	Dartmouth-Hitchcock Medical Center, Lebanon, NH
2000-2003	Director, CHAD Currents (CME Program for Pediatricians)	Children's Hospital at Dartmouth, Lebanon, NH
2001	Director of Pediatric Surgical Services	Dartmouth Hitchcock Medical Center, Lebanon, NH
2002-2003	Chairman, Search Committee Pediatric Urology	Dartmouth Hitchcock Medical Center, Lebanon, NH
2010- present	Chair, Associate Attending Committee, Department of Pediatric Urology	Boston Children's Hospital, Boston, MA
2013-present	Chair, Observership committee, Department of Urology	Boston Children's Hospital, Boston, MA
2012-present	Administrator of the CME program, Department of Urology	Boston Children's Hospital, Boston, MA

Regional

1994-2003	Director of Pediatric Urological Services	Dartmouth-Hitchcock Medical Center, Lebanon, NH
1996	Chairman of Search Committee for position of staff Urologist	Pediatric Urology, Dartmouth-Hitchcock Medical Center, Lebanon, NH

- 1996-1997 Chairman of Ad-Hoc Committee for the Care of Inpatient Pediatric Surgical Patients
- 1998-2001 Director of Children's Hospital at Dartmouth Outreach Services

International

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|-----------|-----------------------------------------------------------------|----------------------------------------------------------------|
| 1996 | Organizer/Team Leader for Friendship Bridge | Humanitarian/Teaching trip to Vietnam (Hanoi/Ho Chi Minh City) |
| 1997 | Organizer/Team Leader for Friendship Bridge | Humanitarian/Teaching Trip to Vietnam (Hanoi/Haiphong) |
| 1998 | Team Member Physicians for Peace | Humanitarian/Teaching Trip to Egypt (Tanta, Mansoura, Cairo) |
| 2000 | Team Member Physicians for Peace | Humanitarian/ Teaching trip to Egypt (Cairo) |
| 2001 | Program Co-Chairman | Annual Meeting, Society for Pediatric Urology |
| 2002 | Organizer / Program Chairman | Annual Meeting, Club Francophone d'Urologie Pediatrique |
| 2002 | Program Chairman | Annual Meeting, Society for Pediatric Urology |
| 2007 | President | Society for Pediatric Urology |
| 2007-2010 | Chairman, Program Committee World Congress of Pediatric Urology | Society for Pediatric Urology / ICCS/APAPU/SIUP/SFU |
| 2009-2010 | Program Chairman | Annual Meeting, Pediatric Urology Winter Forum |

Committee Service:**Local**

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|-----------|--------------------------------------------------|-----------------------------------------------------------------------|
| 1991-1993 | Member, Tissue Committee | New England Medical Center Hospital, Boston, MA |
| 1991-1993 | Member, Day Surgery OR Management Committee | New England Medical Center Hospital, Boston, MA |
| 1992-1994 | Member of Pediatric Trauma Study Group | New England Medical Center Hospital, Boston, MA |
| 1992-1994 | Member of Maternal-Fetal Medicine Research Group | New England Medical Center Hospital, Boston, MA |
| 1994-2003 | Member of Spina Bifida comprehensive care team | Dartmouth-Hitchcock Medical Center, Lebanon, NH |
| 1996 | Member of Search Committee | Pediatric Nephrology, Dartmouth-Hitchcock Medical Center, Lebanon, NH |
| 1997-2002 | Member, Operating Room Committee | Dartmouth-Hitchcock Medical Center, Lebanon, NH |

2000	Member, Nominating Committee Board of Governors	Dartmouth-Hitchcock Medical Center, Lebanon, NH
2008-present	Associate Attending Committee	Boston Children's Hospital, Boston., MA
2012-present	CME Administrator for Pediatric Urology Department	Boston Children's Hospital, Boston, MA
2016	Hospital Bylaws Committee	Boston Childrens Hospitaln Children's, Boston, Ma
2014-present	Member Hospital Wide Billing and Compliance Committee	Boston Children's Hospital, Boston, MA

Regional

1997-2002	Member, Executive Committee	Children's Hospital at Dartmouth, Lebanon, NH
1992-1994	Consultant	Organogenesis, Inc., Canton, MA
1992-1995	Consultant	Kendall, Mansfield, MA
1993-1994	Consultant	Autogenesis, Acton, MA
1995-1999	Consultant	Collagenesis, Beverly, MA

National

1999-2001	Member	North American Task Force on Intersex
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International

1994-1998	Board Member, Advisory Board	Rhone-Poulenc-Roher
1997	Moderator	Annual Meeting, International Children's Continnence Society

Professional Societies:

1990-present	Member	The Tufts University Medical Alumni Association
1991-1994	Member	Massachusetts Medical Society
1991-1994	Member	Suffolk County Medical Society
1991-present	Member	The Johns Hopkins Medical and Surgical Association
1992-2001	Member	The Urodynamic Society
1992-1996	Member	American Fertility Society
1994-present	Corresponding Member	European Society for Pediatric Urology
1994-present	Member	The New Hampshire Medical Society
1996-present	Member	New England Section American Urologic Association
1996-present	Fellow	American Academy of Pediatrics
1996-present	Member	American Urologic Association
1997	Moderator	Annual Meeting, Society for Fetal Urology

1998	Program Chairman	Annual Meeting, Society of Fetal Urology
1997-1998	President	The Society for Fetal Urology
1998	Abstract Reviewer	Annual Meeting, American Urological Association
1998	Abstract Reviewer	Annual meeting, American Academy of Pediatrics (Section of Urology)
1998	Moderator	Annual Meeting, American Academy of Pediatrics (Section of Urology)
1998-2005	Member	Physician for Peace
1998-present	Member	The Society for Fetal Urology
1999-present	Member	Club Francophone d'Urologie Pediatric
1999-present	Fellow	The Society for Pediatric Urology
2000	Moderator	Annual Meeting, American Academy of Pediatrics (Section of Urology)
2000	Chairman, Round Table; Prenatal diagnosis of genito-urinary anomalies	Annual Meeting, European Society for Pediatric Urology
2002	Member, Medal Committee	American Academy of Pediatrics (Section of Urology)
2004-2004	Member, Program Committee	American Urological Association
2002-2005	Secretary/Treasurer	The Society for Pediatric Urology
2002-2006	Program Committee	American Urological Association
2003-2007	Member, Nominating Committee	Society for Pediatric Urology
2004-2010	Abstract Reviewer, Organizational Committee	Annual Meeting, American Urological Association
2005-2006	President	The Society for Pediatric Urology
2013	Steering committee for the ICUD consultation on congenital anomalies of the genito-urinary system	Societe International d'Urologie
2016	Chair, ICUD Committee on the Urologic Management of Children with Spinal Cord Injury	Societe International d'Urologie

Editorial Activities:Ad hoc Reviewer for:

- The Journal of Urology (editorial board)
- Pediatrics
- Journal of Pediatric Urology
- Urology
- American Family Physician
- British Journal of Urology International
- Dialogues in Pediatric Urology
- Frontiers in Urology
- World Journal of Urology
- Journal of Pediatric Surgery

Other Editorial Roles:

2006-present	Editorial Board	Dialogues in Pediatric Urology
2007-2012	Editorial Board, Pediatric Section	The Journal of Urology
2007-present	Editor-in-Chief, Pediatric Urology Section	eMedicine online journal

Honors and Prizes:

1988	First prize: Clinical study paper: Long-term follow-up of patients with cryptorchidism	Resident's Night Competition, Philadelphia Urological Society
1990	Maryland National Kidney Foundation Grant	
1991	Basic Research Surgery Grant (BRSG) Award	Tufts School of Medicine / New England Medical Center
1991	Finalist AAP	Section of Urology Research Prize
2007	Best Reviewer	Journal of Urology, Section of Pediatric Urology
2010	Top 10 reviewers	The Journal of Pediatric Urology
2014-2015-2016-2017-2018	Best Doctor (Pediatric Urology)	Boston Magazine

Report of Funded and Unfunded Projects**Funding Information****Past**

- 1977-1978 Research Assistant
Study of fatty acids in cell membranes from normal and dystrophic patients
Dr. John Howland - PI
Biochemistry Laboratory Bowdoin College, Brunswick, ME
\$2,000
- 1978-1980 Research Technician
Study of immunoreactive proteins in
gastric secretions from gastric cancer patients
Dr. E. Deutsch - PI
G.I. Laboratory, Carney Hospital, Tufts University School of Medicine, Boston, MA
\$5,000
- 1981 Research Assistant
Study of membrane interactions between macrophage plasma membrane vesicles and
Leishmania parasites
Dr. Mark Klempner - PI
Experimental Medicine Laboratory, Tufts University School of Medicine, Boston, MA
\$3,000
- 1990-1991 Principal Investigator
National Kidney Foundation
Fetal lamb model of partial urethral obstruction
Marc Cendron, MD - PI
\$5,000
- 1992-1993 Principal Investigator
BRSB (Biomedical Research Grant)
Effect of bladder outlet obstruction on the fetal lamb bladder ultrastructure and function
Marc Cendron, MD – PI
\$5,000
- 1993-1994 Principal Investigator
Autogenesis, Acton, MA
Biological behavior of autologous collagen injected in the urinary tract

- Marc Cendron, MD - PI
\$2,000
- 1993-1994 Principal Investigator
Kendall Corporation, Mansfield, MA
Evaluation of urodynamic catheter
Marc Cendron, MD - PI
\$4,500
- 1995-1996 Principal Investigator
Organogenesis, Canton, MA
Subcutaneous injections of collagen paste in rats for NMR analysis
Marc Cendron, MD - PI
\$5,000
- 1995-1996 Principal Investigator
Organogenesis, Canton, MA
Bladder neck injections of collagen paste in rabbits
Marc Cendron, MD - PI
\$5,000
- 1996-1997 Co-Investigator
Bard
A multicenter post-operative serologic and rheumatologic evaluation of patients treated with Contigen Bard collagen implant
Pamela Ellsworth, MD - PI
- 1996-1997 Principal Invest
Collagenesis grant
Biological behavior of various types of collagen compounds within the rabbit urinary bladder
Marc Cendron, MD - PI
\$36,000
- 1996-1997 Co-Investigator
Valley Lab grant
Evaluation of the thermal effects of electro cautery on the penis
Co-Investigator
Valley Lab grant
Evaluation of the thermal effects of electro cautery on the penis
Jack Hoopes, Ph.D. - PI
- 1998 Principal Investigator

- Collagenesis grant
Collagen treatment of VUR in pediatric/human population
Marc Cendron, MD - PI
\$80,000
- 1998-1999 Principal Investigator
Collagenesis grant
Evaluation of Extracellular Matrix- based Collagen as a bulking agent in the pig lower urinary tract
Marc Cendron, MD - PI
\$30,000
- 1999-2000 Principal Investigator
Bayer Pharmaceutical Company
Evaluation of Ciprofloxacin in the Treatment of Pediatric UTIs
Marc Cendron, MD - PI
\$10,000
- 1999-2002 Principal Investigator
Hitchcock Foundation Grant
Histologic Analysis of Epithelial Regrowth after Tubularized, Incised Urethral Plate Urethroplasty in the Treatment of Hypospadias
Marc Cendron, MD - PI
\$12,000
- 2001 Principal Investigator
Pharmacia Corporation
Phase I/II Open Label, Dose Escalating Pharmacokinetic, Pharmacodynamic (Urodynamic) and Clinical Effect, and Safety Study of Tolterodine Liquid in children with Detrusor Hyperreflexia age 5 to 10 years of age
Marc Cendron, MD - PI
\$19,200
- 2002 Principal Investigator
Pharmacia Corporation
Phase I/II, Open Label, Dose-Escalating Pharmacokinetic, Pharmacodynamic (Urodynamic) and Clinical Effect, and Safety Study of Tolterodine Liquid in Children with Detrusor Hyperreflexia 1 month to 4 years of age
Marc Cendron, MD - PI
\$20,000
- 2002 Principal Investigator
Pharmacia Corporation
Phase I/II open label, Dose Escalating Pharmacokinetics, Pharmacodynamic, (Urodynamic) and Clinical Effect and Safety Study of Tolterodine Liquid in Children age

- 11-15 years
Marc Cendron, MD - PI
\$19,200
- 2002 Principal Investigator
Pharmacia Corporation
An Open Label, phase III, 12 Month Study of the Long-Term Clinical Efficacy, Safety and Tolerability of Tolterodine Oral Solution and PR Capsules in Children with Detrusor Hyperreflexia ages 1 month to 16 years of age
Marc Cendron, MD – PI
\$4,608 per patient
- 2002 Principal Investigator
Pharmacia Corporation
An Open-Label, Multicenter, Multinational Study to Determine the Safety and Efficacy of Tolterodine Oral Solution in Children with Symptoms of Urge Urinary Incontinence Suggestive of Detrusor Instability
Marc Cendron, MD - PI
\$3,700 per patient

Current Unfunded Projects

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|------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2008 | Principal Investigator | Vesicoureteral Scoring System. This system proposed to evaluate patients with vesico-ureteral reflux using several clinical parameters. With Dr. Jonathan Routh (fellow). |
| 2008 | Principal Investigator | Ureteral jets as seen on ultrasound. The project evaluates the ultrasound appearance of ureteral jets after treatment and correlates it with clinical outcomes. |
| 2013 | Principal Investigator | Retrospective review of patients diagnosed and treated with penile curvature. IRB study carried out with Drs. J. McQuaid (resident) |
| 2013 | Principal Investigator | Retrospective and prospective evaluation of patients with complex hypospadias. IRB study carried out with Drs. Schaeffer and McNamara, (fellows). |
| 2014 | Principal Investigator | Retrospective review of Male Epispadias. IRB study carried out with Dr. Patricia Cho, (fellow) |

2015	Principal Investigator	Review of hypospadias complications and their management. Dr. McNamara, fellow. The study was IRB approved.
2015	Principal Investigator	Prospective study of pediatric patients with complex hypospadias. (IRB approved)
2016	Co-Investigator	Retrospective study of pelvic floor laxity in adolescent girls
2018	Principal Investigator	Retrospective study of male patients with a prostatic utricle (IRB pending)

Report of Local Teaching and Training:

Teaching of Students in Courses

1998-2003	Fluid and Electrolytes course. Lecturer for 100 student attendance at Dartmouth Medical School. Lecture on obstructive uropathy. 20 hours preparation.
1998-2003	Obstructive Uropathy. Lecturer for 100 student attendance at Dartmouth Medical School. Lecture on obstructive uropathy. 20 hours preparation.

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

1991-1994	Teaching of residents in the Urology Department	New England Medical Center Tufts University School of Medicine
1993-2003	Clinical teaching of the residents in the Department of Urology. Also teaching of pediatric residents	Dartmouth Hitchcock Medical Center, Hanover, NH
	I was an invited lecturer for Grand Rounds in Urology and in Pediatrics at Dartmouth Hitchcock Medical Center. The topics presented included all aspects of pediatric urology such as urinary tract infection in children, vesicoureteral reflux, prenatal hydronephrosis and its management, maldescended	Preparation time for these lectures was approximately 10-12 hours.

testes, hypospadias, bladder exstrophy and reconstruction of the urinary tract.

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|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1991-2006 | I presented 2 lectures at the Countway Urology Grand Rounds, the major teaching conference for Urology residents, Urology faculty in the Greater Boston area. The topics I presented included bladder exstrophy and vesicoureteral reflux. | Harvard Medical School, Countway Urology Grand Rounds

Preparation time for these lectures was approximately 10-12 hours. |
| 1996-2003 | Clinic and operating room teaching of medical students and pediatric residents | University of Vermont, Burlington VT. |
| 2003-present | I have presented several lectures on congenital abnormalities of the lower urinary tract and of the genitalia. I also discussed embryology of the urinary tract. I present once or twice a year. The audience includes Radiology and Urology faculty, residents and medical students. The most recent presentation was on extra-testicular anomalies. | Department of Radiology, Boston Children's Hospital, Boston, MA. |
| 2003-present | I have been invited to discuss topics in Pediatric Urology 3 times annually at the Massachusetts General Hospital as part of the Urology Grand Rounds. Attendees include urology residents and faculty. | Massachusetts General Hospital, Boston, MA.
Grand Rounds.

Preparation time 2 to 3 hours |
| 2003-present | I have been invited to discuss various topics in pediatric urology as part of the teaching rounds at the VA Hospital. I review cases with the residents and provide them with references. I go over their presentations. | BU Medical Center and Brigham & Women's Medical Center. Grand Rounds at the VA Hospital.

Preparation time is usually 2 to 3 hours. |
| 2003-present | Pediatric Urology Grand Rounds. The audiences included Urology | Boston Children's Hospital, Boston, MA.
Pediatric Urology Grand Rounds. |

faculty, residents, medical students and fellows. The topics presented have been vesicoureteral reflux scoring system, complications of hypospadias repair, epispadias.

Preparation time 4 to 6 hours

Clinical Supervisory and Training Responsibilities

1991-1993	Training of Urology residents in the Urology program clinic and operating room, Tufts New England Medical Center, Boston, MA	
1993-2003	Training of Urology residents Urology Program in the clinic and operating room. Dartmouth-Hitchcock Medical Center	1:1 Supervision per week
1994-2003	Director of Pediatric Urological Services Dartmouth-Hitchcock Medical Center, Lebanon, NH	
1996-2003	Director of Urology Research Laboratory Dartmouth-Hitchcock Medical Center, Lebanon, NH	
2003- Present	Supervision of residents and fellows in the Department of Urology at Boston Children's Hospital in the operating room and clinic. Boston, MA	10 to 15 hours of 1:1
2003- Present	Supervision of clinical research project of fellows and residents in the Department of Urology at Boston Children's Hospital. Boston, MA	One hour office meeting per week.
2017- present	Supervision of nurse practitioners and physician's	Half to full day in clinic

assistant, Department of
Urology, Boston Children's
Hospital, Boston, Ma

Laboratory and Other Research Supervisory and Training Responsibilities

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|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1993-2003 | Supervision of laboratory research of residents at Dartmouth Hitchcock Medical Center | Two, one hour lab meeting per week
Direct supervision in the lab
(3 hours per week) |
| 1997-2001 | Direct supervision, Resident in Urology at Dartmouth Hitchcock Medical Center.
The study of enterocystoplasty in an animal model and autologous collagen injected into the bladder. The project was evaluating thermal effects of electrocautery on the penis using a computational model.
The level of effort was 6-8 hours of direct supervision with review of data. | |
| 1999-2003 | Direct supervision, Resident in Urology at Dartmouth Hitchcock Medical Center.
The study entailed evaluating an animal model of urethral healing after hypospadias repair.
The level of effort was 6 hours per week with review of data. | |
| 2000-2003 | Direct supervision, Resident in Urology at Dartmouth Hitchcock Medical Center.
The study evaluated the thermal effects of electrocautery on the penis. | |
| 2003-
Present | I have supervised several clinical projects which have involved residents and fellows in the department of urology at Boston Children's Hospital. The most recent ones have been on penile curvature, complex hypospadias and the prostatic utricle. | |

All projects have resulted in peer-reviewed publications and presentations at national and international meetings

2013-
Present I have organized and moderated Pediatric Urology Journal Club 3 or 4 sessions per academic year in the Department of Urology, Boston Children's Hospital, Boston, Ma

Formally Mentored Medical Students

1997 JL Latini, Dartmouth Medical School Class of 1998 (article #28)

Other Mentored Trainees and Faculty

1996-2002 Bruce Slaughenhaupt, MD
Career stage: Attending Pediatric Urologist. Research advisor
Publication of article 7 and 14 p 35 +36 Fellowship in Pediatric Urology

1996 M. Curtis, MD
Career stage: Attending role Urologist. Research advisor
Published paper ref #5 p35

1997 David Cozzolino, M.D.
Career stage: Attending in Urology role. Research advisor
Published papers ref #8 p 35 and ref #1 p 36

2001-2004 Joseph F Lopes, M.D.
Career stage: Attending Urologist. Research advisor
Publication of two peer reviewed articles and presentation of one abstract
See p 33 # 34 + 35

2002-2005 Carlos Estrada, M.D., Associate in Surgery (Urology), Attending at Boston Children's Hospital, Boston, MA. Direct supervision in the operating room and in the pediatric urology clinic as well as editing and review of manuscript on vesico-ureteral reflux.
Career stage: Associate professor HMS and attending Urologist at Boston Children's Hospital.
Publication article p 34 # 45

- 2011-2012 Paul Kokorowski, M.D., MPH, Instructor in Surgery (Urology), Children's Hospital, Boston, MA. Direct supervision in the operating room and in the pediatric urology clinic. Associate professor of Urology, UCLA, Los Angeles, Ca.
- 2013-2015 Erin Mc Namara, M.D., MPH. Instructor in Surgery (Urology), Boston Children's Hospital, Boston, Ma. Supervised and mentored research project reviewing the follow-up of patients with complex hypospadias. Fellow in the department of Urology, Boston Children's Hospital.
Publication article #54
- 2013-2015 Patricia Cho, M.D. Instructor in Surgery (Urology). Boston Children's Hospital
Supervised and mentored research project on male epsipadias. Fellow in the department of Urology at Boston Children's Hospital.
Publication #56
- 2013-2015 Joseph McQuai, M.D. Urology resident at Massachusetts General Hospital. Supervised and mentored research project on penile curvature in boys. Boston Children's Hospital.
Publication p 39 # 45. Fellow in the department of Urology at Boston Children's Hospital.
Publication #55
- 2016-2017 Didi Teva, M.D. Urology resident at Boston Medical Center. Project on the prostatic utricle. Publication is pending.

Formal Teaching of Peers (e.g. CME and other continuing education courses)

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|-----------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 1994-2003 | Bladder exstrophy, UTIs, cryptorchidism, prenatal hydronephrosis. CME
Pediatric Urology Monthly Conference. | Single presentation 4-6 years
Department of Pediatrics,
Dartmouth Hitchcock Medical
Center, Lebanon, NH |
| 1998 | Urology for the Generalist Seminar, 1) Hematuria; 2) Pediatric Urology for the Generalist. CME | Single presentation
Department of Urology,
Dartmouth Hitchcock Medical
Center, Lebanon, NH |
| 1998 | Pediatric Urology: What's New?
Family Practice Grand Rounds. | Single presentation
Department of Family Practice,
Dartmouth Hitchcock Medical
Center, Lebanon, NH |
| 2001 | Long-Term Consequences of Testicular Maldescent. CME | Single presentation
New England Section of
American Urologic Association,
Newport, RI |

2001	Fertility and Malignancy, Long-Term Consequences of Cryptorchidism.	Single presentation American College of Surgeon's Meeting, New Orleans, LA
2002	Embryology of the Urinary Tract. American Urologic Association review course,	Single presentation Chicago, IL
2003	The Acute Scrotum. CME CHAD conference.	Single presentation Department of Pediatrics, Dartmouth Hitchcock Medical Center, Manchester, NH
2004	Scrotal Pathology. Frontiers in Pediatric Surgical Specialties. CME	Boston Children's Hospital, Boston, MA.
2004	Embryology of the Urinary Tract. American Urologic Association review course, CME	Chicago, IL
2008	GU Embryology.	Department of Urology, Brigham & Women's Hospital, Boston, MA
2008	Prenatal Hydronephrosis: Postnatal Management. Annual meeting, plenary session. American Urologic Association	Orlando, FL
2012	"Epispadias in Boys, review of the BCH experience". Boston Children's Hospital Grand Rounds Department of Urology	Boston, MA
2012	"Circumcision" Essential Pediatric Urology for the Primary Care Clinician. Sponsored by Harvard Medical School	Boston, MA
2014	"UTI's". Visiting specialist at Harvard Vanguard Pediatrics	Boston, MA
2014	"Circumcision and complications". Essential Pediatric Urology for Primary care Physician	Boston, MA
2014	"Varicocele in the pediatric age group". Essential Pediatric Urology for Primary care Physician	Boston, MA
2015	"Evaluation of children with UTIs". Visiting Specialist at Tricounty Pediatrics	Stoughton, MA

- 2016 Update on Pediatric Urology for the Primary care Physician. Harvard-Vanguard Boston, Ma
- 2018 Evaluation of Testicular Torsion. Pediatric Grand Rounds, Beverly Hospital Beverly, Ma

Local Invited Presentations

- 1997 Testicular Maldescent. Pediatric Grand Rounds, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1997 Bladder Exstrophy: Current Concepts. Urology Grand Rounds, Department of Urology, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1997 Hypospadias. Urology Grand Grounds, Department of Urology, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1998 Prenatal hydronephrosis. Pediatric Conference for Family Practice residents, Department of Family Practice, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1998 Intersex. Urology Grand Rounds, Department of Urology, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1998 Urinary Tract Infections. Pediatric Grand Rounds, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1999 Testicular Maldescent: Current Concepts. Urology Grand Rounds, Department of Urology, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1999 Enuresis. Urology Grand Rounds, Department of Urology, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1999 The Acute Scrotum. Pediatric Grand Rounds, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 1999 Pediatric UTIs. Pediatric Grand Rounds, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 2000 Bladder Exstrophy. Surgical Grand Rounds, Department of Surgery, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 2000 Enuresis, Current Concepts. Pediatric Grand Rounds, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 2000 Obstructive Uropathy. Dartmouth Medical School, medical student lecture, Hanover, NH

- 2001 Obstructive Uropathy. Dartmouth Medical School, medical student lecture, Hanover, NH
- 2001 Posterior Urethral Valves. Urology Grand Rounds, Department of Urology, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 2001 UTIs. Pediatric Acute Care Conference, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 2002 Newest of the New "Scrotal Pathology." Pediatric Conference, Department of Pediatrics, Dartmouth Hitchcock Medical Center, Lebanon, NH
- 2002 Obstructive Uropathy. Dartmouth Medical School, medical student lecture, Hanover, NH
- 2003 Obstructive Uropathy. Dartmouth Medical School, medical student lecture, Hanover, NH
- 2004 Voiding Dysfunction in Children. Pediatric Grand Rounds, Department of Pediatrics, Elliott Hospital, Manchester, NH
- 2004 Circumcision. Pediatric Grand Rounds, Department of Pediatrics, South Shore Hospital, Weymouth, MA
- 2004 Vesicoureteral Reflux Update. Anesthesia Grand Rounds, Department of Anesthesia, Children's Hospital, Boston, MA
- 2007 UTI's Department of Pediatrics, Lawrence General Hospital, Lawrence, MA
- 2008 Urologic Embryology. Lecturer
Urology Teaching Conference, Brigham & Women's Hospital, Boston, MA. Department of Urology.
- 2009 Bladder Diverticula in Children. Lecturer
Urology Grand Rounds, Massachusetts General Hospital, Boston, MA. Department of Urology
- 2009 Hemorrhagic Cystitis in Children. Lecturer.
Urology Grand Rounds, Massachusetts General Hospital, Boston, MA. Department of Urology
- 2009 Evaluation and Treatment of UTI's. Department of Pediatrics, St. Joseph's Hospital, Nashua, "Prenatal hydronephrosis".
Pediatric Grand Rounds, Elliot Hospital, Manchester, NH
- 2009 "Choice Choices and Options: A Carrier in Pediatric Urology". Invited speaker at medical school reunion. Alumni Leaders in Medicine. Tufts University School of Medicine. Boston, MA

- 2012 Pediatric Grand Rounds: "Update on UTI management; the urologist's perspective". Beverly Hospital, Beverly, MA
- 2012 Pediatric Gran Rounds: "UTI in children". Lowell General Hospital, Lowell, MA
- 2012 Essential Pediatric Urology for the Primary Care Clinician "Circumcision". Sponsored by Harvard Medical School, Boston, MA.
- 2012 Essential Pediatric Urology for the Primary Care Clinician "Hypospadias, evaluation and management". Sponsored by Harvard Medical School, Boston, MA
- 2013 "Update on the AAP Guidelines for Circumcision" Peabody Boston Children's Hospital Office, Peabody, Ma.
- 2013 "Hypospadias" Brigham and Women's Hospital Department of Urology Grand Rounds: " Boston, Ma.
- 2014 "Prenatal hydronephrosis". Pediatric Grand Rounds, Elliot Hospital, Manchester, NH
- 2015 "The effects of the neurogenic bladder on the upper urinary tract in children" Department of Urology Grand Rounds at the Massachusetts's General Hospital, Boston, Ma.
- 2015 "Erectile dysfunction in boys" Department of Urology Grand Rounds at the Massachusetts's General Hospital, Boston, Ma.
- 2015 "The Page kidney". Department of Urology, Boston Medical Center, Boston, Ma.
- 2016 "The duplicated ureter". Department of Urology Grand Rounds at the Massachusetts's General Hospital, Boston, Ma.
- 2016 "Testicular Maldescent". Department of Urology, Boston Medical Center, Boston, Ma.
- 2016 "Update on posterior urethral valves" OR Nursing Grand rounds, Boston Children's Hospital in Waltham, Ma.
- 2017 "Hypospadias in 2017" Combined Urology Grand Rounds. Departments of Urology Brigham and Women Hospital and Boston Children's Hospital, Boston, Ma.
- 2017 "Infertility in the pediatric age group" Department of Urology Grand Rounds at the Massachusetts's General Hospital, Boston, Ma.
- 2018 "Pediatric Priapism" Department of Urology Grand Rounds at the Massachusetts's General Hospital, Boston, Ma.
- 2018 "Prenatal Hydronephrosis". Combined Urology Grand Rounds. Departments of Urology Brigham and Women Hospital and Boston Children's Hospital, Boston, Ma.

2018 "The Voiding Cystourethrogram". Uroradiology Conference, Boston Children's Hospital, Boston, Ma.

Report of Regional, National and International Invited Teaching Presentations:

Regional

- 1997 Voiding Dysfunction in Children. Lecturer.
Pediatric Grand Rounds, DHMC Department of Pediatrics, Manchester, NH.
- 1997 Primary Nocturnal Enuresis. Lecturer.
Rockville General Hospital Department of Pediatrics, Rockville, CT.
- 1997 What is New in Pediatric Urology? Lecturer.
Rutland General Hospital Department of Pediatrics, Rutland, VT
- 1997 Update in Pediatric Urology. Lecturer.
Pediatric Grand Rounds, Concord Hospital Department of Pediatrics, Concord NH
- 1997 UTIs: Evaluation and Treatment. Lecturer.
Grand Rounds, Springfield Hospital Department of Pediatrics, Springfield VT
- 1997 Enuresis. Lecturer.
Grand Rounds, Monadnock Regional Hospital Department of Continuing Medical Education, Peterborough, NH
- 1998 Primary Nocturnal Enuresis. Lecturer.
Grand Rounds, Eastern Maine Medical Center Department of Pediatrics, Bangor, ME
- 1999 Update on Pediatric Urology. Lecturer.
Family Practice/Pediatric Grand Rounds, Cheshire Medical Center Department of Pediatrics, Keene, NH
- 1999 Update on Pediatric Urology. Lecturer.
Pediatric Grand Rounds, Concord Hospital Department of Pediatrics, Concord, NH
- 1999 Update on Pediatric Urology. Lecturer.
Pediatric Grand Rounds, Wentworth Douglas Hospital Department of Pediatrics, Dover, NH
- 1999 Voiding Dysfunction in Children. Lecturer.
Cheshire Medical Center Department of Pediatrics, Keene, NH
- 1999 Prenatal Diagnosis of Urologic Anomalies. Lecturer.

- Concord Hospital Department of Pediatric, Concord, NH
- 1999 Prenatal Diagnosis of Urologic Anomalies. Lecturer.
Wentworth Douglas Hospital Department of Pediatrics, Dover, NH
- 2000 Update on Pediatric Urology. Lecturer.
Pediatric Grand Rounds, DHMC Department of Pediatrics, Manchester, NH
- 2000 Pediatric UTIs. Lecturer.
Pediatric Grand Rounds, Exeter Hospital Department of Pediatrics, Exeter, NH
- 2000 Update on Pediatric Urology. Lecturer.
Pediatric Grand Rounds, Southern New Hampshire Regional Medical Center Department
of Pediatrics, Nashua, NH
- 2000 Pediatric UTIs. Lecturer.
Pediatric Grand Rounds, Exeter Hospital Department of Pediatrics, Exeter, NH.
- 2000 Update on Pediatric Urology. Lecturer.
Pediatric Grand Rounds, Southern New Hampshire Regional Medical Center Department
of Pediatrics, Nashua, NH
- 2000 Evaluation and Treatment of UTIs in Children. Lecturer.
Pediatric Grand Rounds, Concord Hospital Department of Pediatric, Concord, NH
- 2001 Childhood Urinary Incontinence. Lecturer.
Pediatric Grand Rounds, Androscoggin Valley Hospital Department of Pediatrics, Berlin,
NH
- 2001 Clean Intermittent Catheterization. Lecturer.
Crotched Mountain Rehabilitation Center Department of Pediatrics, Greenfield, NH
- 2002 Enuresis. Lecturer
Pediatric Grand Rounds, Southern New Hampshire Regional Medical Center, Nashua,
NH. Department of Pediatrics, Nashua, NH
- 2002 Voiding Dysfunction. Lecturer.
CHAD Currents Conference, Frisbee Memorial Hospital Continuing Medical Education,
Rochester, NH
- 2007 Management of Congenital Anomalies of the Genitalia. Lecturer.
Pediatric Grand Rounds, St. Joseph's Hospital Department of Pediatrics, Nashua, NH
- 2007 Management of Prenatally Diagnosed Hydronephrosis. Lecturer.
Pediatric Grand Rounds, Lawrence General Hospital Department of Pediatrics, Lawrence,
MA

- 2010 Annual NE-AUA meeting. Transitional Urology. Newport, RI.
- 2016 Update on Pediatric Urology” Harvard-Vanguard Pediatric Practice. Cambridge, Ma

National

- 1997 Pediatric Urology Trip to Vietnam. Lecturer.
American Urologic Association, New Orleans, LA.
- 1997 High Grade Vesicoureteral Reflux in the Male Child. Lecturer.
Pediatric Urology Winter Forum (PUWF), Colorado. PUWF.
- 1998 Use of Autologous Collagen in the Treatment of Vesicoureteral Reflux. Lecturer.
Pediatric Urology Grand Rounds, Children's Hospital of Philadelphia Section of Pediatric Urology., Philadelphia, PA
- 1998 Promimal/Distal Hypospadias Repair; The Dartmouth Experience. Lecturer.
Pediatric Urology Winter Forum (PUWF), Telluride, CO. PUWF
- Society for Fetal Urology: Update. Lecturer.
Pediatric Urology Winter Forum (PUWF), Telluride, CO. PUWF.
- 1999 Interview on circumcision program, "The Exchange."
National Public Radio, Concord, NH.
- 1999 Perinatal Testicular Infarction.
Pediatric Urology Winter Forum (PUWF), Telluride, CO
- Autologous Collagen in the Treatment of Incontinent and Vesico-Ureteral Reflux.
Pediatric Urology Winter Forum (PUWF), Telluride, CO
- 1999 Lower Urinary Tract Reconstruction in Children. Visiting Professor.
Brown University School of Medicine Department of Urology, Providence, RI
- 2000 The Challenge of Bladder Neck Reconstruction. Lecturer.
New England Medical Association Meeting, Steamboat, CO
- 2001 Hypospadias Repair: Current Concepts. Visiting Lecturer.
Pediatric Urology Rounds, Brown University School of Medicine, Hasbro Children's Hospital, Providence, RI
- 2002 Perinatal Vesicoureteral Reflux Panel.

- Annual meeting, plenary session. American Urologic Association, Orlando, FL
- 2003 Urethral Healing in Hypospadias Repair. Visiting Professor.
Vanderbilt School of Medicine, Nashville, TN
- 2004 Update on Enuresis. Visiting Lecturer.
Pediatric Grand Rounds, Cedar Sinai Hospital, Department of Pediatrics, Los Angeles, CA
- 2004 Update on Enuresis. Visiting Lecturer.
Pediatric Grand Rounds, Schneider Children's Hospital Department of Pediatrics, Hyde Park, NY
- 2005 Prenatal Detected Hydronephrosis: Post-Natal Diagnosis and Management.
Annual meeting, plenary session. American Urologic Association, Orlando, FL
- 2005 Prenatal Hydronephrosis. Visiting Professor.
Schneider Children's Hospital Department of Urology, Hyde Park, NY
- 2006 "Primary Hypospadias Repair in the TIP era". Visiting Lecturer.
Children's Hospital of Philadelphia Department of Urology, Philadelphia, Pa.
- 2008 "VUR Scoring System". Visiting Lecturer.
Children's Hospital Department of Pediatric Urology, Salt Lake City, UT.
- 2010 "Tale of 2 Bladders". The Pediatric Urology Winter Forum, Colorado
- 2012 "Epispadias in boys: A spectrum within a spectrum". The Pediatric Urology Winter Forum, Utah.
- 2013 "The no-knife hypospadias repair". The Pediatric Urology Winter Forum. Montana
- 2014 "Penile Curvature in boys without hypospadias". Pediatric Urology Winter Forum, Montana.
- 2015 "The no-knife hypospadias technique for hypospadias". Pediatric Urology Winter Forum, Telluride, Colorado.
- 2016 "Evaluation and treatment of the Page kidney in the pediatric population". Pediatric Urology Winter Forum, Big Sky, Montana.
- 2017 "Pelvic floor laxity in young females with urinary incontinence". Pediatric Urology Winter Forum, Big Sky, Montana.
- 2018 "Bilateral ectopic ureters: options in management". Pediatric Urology Winter Forum, Colorado.

- 2019 “Simon Duplay: the dawn of hypospadiology”. Pediatric Urology Winter Forum, Telluride, Colorado.
- 2023 “The Unloved Clinic”. Pediatric Urology Winter Forum, Big Sky, Montana

International

- 1996 Update on pediatric urological surgical care and techniques. Lecturer.
Institute for the Child’s Health, Hanoi, Vietnam. Department of Pediatric Surgery
- 1997 Teaching basic pediatric surgical care and techniques. Lecturer.
Haiphong’s Children’s Hospital, Haiphong, Vietnam. Department of Pediatric Surgery
- 1997 Genitoplasty in Girls with Congenital Adrenal Hyperplasia. Lecturer.
Grand Rounds, Hospital for the Protection of Children’s Health, Hanoi, Vietnam.
Department of Pediatric Surgery
- 1997 Combination Therapy for Primary Nocturnal Enuresis. Invited Lecturer.
International Children’s Continence Society (ICCS) Meeting, Paris, France. ICCS.
- 1998 Hypospadias Repair at CHAD.
French Pediatric Urology Club, London, England
- 1998 Testicular Maldescent: Current Concepts. Grand Rounds, Tanta University School
of Medicine, Tanta, Egypt
- 1998 Lower Urinary Tract Reconstruction.
Grand Rounds, Center for Urology and Nephrology, Mansoura, Egypt
- 1998 Prenatal Diagnosis of GU Anomalies.
Grand Rounds, Al-Azhar University Medical Center, Cairo, Egypt
- 1999 Neonatal Torsion of the Testicle.
Club d’Urologie Pediatrique, Lyon, France
- Rare and Unusual renal Tumors in Children.
Club d’Urologie Pediatrique, Lyon, France
- 2000 “Fetal Urology in 2000”, Moderator Session on Hypospadias.
Club Francophone d’Urologie Pediatrique, Lyon, France
- 2000 Adolescent Testicular Maldescent.
Egyptian Urological Association Meeting, Cairo, Egypt

- 2000 Neurogenic Bladder in Children.
Egyptian Urological Association Meeting, Cairo, Egypt
- 2000 Proximal Hypospadias Management.
Egyptian Urological Association Meeting, Cairo, Egypt
- 2000 Recent Advances in Pediatric Urology.
Al-Azhar University Medical Center, Cairo, Egypt
- 2001 Healing of the Urethral Plate After Tubularized, Incised Urethral Plate,
Histopathologic
Analysis
Pediatric Urology Winter Forum (PUWF)
- 2001 Guerrisson de l'Uretere apres Operation de Snodgrass.
Club Francophone d'Urologie Pediatrique, Paris, France
- 2004 Robotic Approach to Stone Disease in Children.
Pediatric Urology Winter Forum (PUWF), Telluride, CO
- 2004 Journée Deflux: Update on endoscopic treatment of reflux.
Q Med.Conference, Paris, France
- 2005 Desmoplastic Round Cell Tumor in Children.
Pediatric Urology Winter Forum (PUWF), Whistler, British Columbia, Canada
- 2006 The History of French Pediatric Urology.
Pediatric Urology Winter Forum (PUWF), Val d'Isere France
- 2006 Chaos of Prenatally Diagnosed Hydronephrosis.
Pediatric Urology Winter Forum (PUWF), Telluride, CO
- 2007 A New Grading System for VUR.
Pediatric Urology Winter Forum (PUWF), Telluride, CO
- 2007 Mythes et Realites du Reflux Vesicoureteral.
French Pediatric Urology Club, Padova, Italy
- 2008 Vesicoureteral Reflux Score.
French Pediatric Urology Club, Marseille, France
- 2008 Testosterone in the Management of Hypospadias.
Pediatric Urology Winter Forum (PUWF) meeting, Jackson Hole, WY
- 2008 Complications of Hypospadias Surgery and How to Avoid Them.

- Asian Pacific Association for Pediatric Urology meeting, Hawaii
- 2008 Setting up a Laparoscopy Program.
Asian Pacific Association for Pediatric Urology, Hawaii
- 2009 Hypospadias Repair complications. Vietnam Urologic and Nephrologic
Association meeting/ Federation of Asian Urological Associations joint meeting.
Ho Chi Min City, Vietnam.
- 2009 Management of ureteropelvic junction obstruction in the pediatric age group:
Open versus laparoscopic versus robotic-assisted. Vietnam Urologic and Nephrologic
Association meeting/ Federation of Asian Urological
Associations joint meeting. Ho Chi Min City, Vietnam.
- 2009 Androgenic therapy for hypospadias. Club Francophone d'Urologie
Pediatrique meeting. Bruxelles, Belgium.
- 2010 25 years of Endoscopic Treatment of Vesico-ureteral Reflux. Hopital Robert Debre, Paris
France.
- 2010 Meeting of the Chilean Urologic Association and Sociedad Iberica de Urologica
Pediatria. Testicular maldescent in 2010. Wilms Tumor management. Case discussion,
Santiago, Chile
- 2010 Egyptian Urologic Association Annual Meeting. 3 lectures: Megaureter, Pediatric Renal
Tumors, The Future of Vesico-Ureteral Reflux, Charm El Shaikh, Egypt
- 2011 AUA Annual meeting. Report on the WCPU. Atlanta, Ga.
- 2012 Meeting of Sociedad Iberica de Pediatrica Urologia. 5 lectures: Bladder diverticula;
Epispadias; Hypospadias, a new technique; Robotic sling procedure for incontinence;
Update of Reflux. Punta del Estes, Uruguay
- 2012 "Sacral agenesis: urological implications." Pediatric Urology Winter Forum, Utah.
- 2012 "Update on epispadias in boys" 36th Collegio Meeting Mexicano de Urologia Nacional,
Leon, Mexico.
- 2012 "The no-knife hypospadias repair". 36th meeting of the Collegio Mexicano de Urologia
Nacional, Leon, Mexico.
- 2012 "Update on epispadias in boys". Club Francophone d'Urologie Pediatrique, Munster,
France.
- 2013 Epispadias in Boys: preoperative evaluation. Societe International d'Urologie, Vancouver,

- Canada.
- 2014 Penile curvature in boys without hypospadias. Pediatric Urology Winter Forum, Montana
- 2014 Long-term follow-up of patients with complex hypospadias. Club Francophone d'Urologie Pediatrique. Catagna, Italy.
- 2015 Management of proximal hypospadias with a 2 stage procedure: 20 year experience. Pediatric Urology Winter Forum, Montana
- 2016 Pelvic floor laxity in young girl as a cause of urinary incontinence. Club Francophone d'Urologie Pediatrique, Essaouira, Morocco
- 2016 Assessment of surgical skills in Pediatric Urology. Club Francophone d'Urologie Pediatrique, Essaouira, Morocco
- 2016 SIU-ICUD Joint Consultation on the urologic management of children with spinal cord injury. Societe International d'Urologie. Buenos Aires, Argentina
- 2017 « L'Utricule Prostatique ». Club Francophone d'Urologie Pediatrique, Montreal, Canada.
- 2017 "The Devastated Bladder Neck". American Urologic Association Annual Meeting, Boston, Ma.
- 2017 "Epispadias in boys". Visiting professor, the Italian Hospital, Buenos Aires, Argentina.
- 2017 "Prenatal Urology". Visiting professor, the Italian Hospital, Buenos Aires, Argentina.
- 2017 "Pelvic floor laxity in young females with incontinence". Pediatric Hospital, Mendoza, Argentina.
- 2017 "Neurogenic bladder secondary to sacral agenesis" Pediatric Hospital, Mendoza, Argentina.
- 2018 "The Mathieu technique applied to the surgical repair of megameatus intact prepuce variant of hypospadias. Pediatric Urology Winter Forum (PUWF), Telluride, Co.
- 2018 "Simon Duplay: the Dawn of Hypospadiology". American Urologic Association Annual Meeting, San Francisco, Ma.
- 2018 "Special Considerations in the Urologic Management of Children with SCI". Urologic Management of Patients with Spinal Cord Injury, International Conference at the Hospital del Trabajador, Santiago, Chile.
- 2018 "UTIs and Colonization of Patients with SCI". Urologic Management of Patients with Spinal Cord Injury, International Conference at the Hospital del Trabajador, Santiago, Chile.

- 2018 “Bladder neck Reconstruction in Children with SCI”. Urologic Management of Patients with Spinal Cord Injury, International Conference at the Hospital del Trabajador, Santiago, Chile.
- 2018 “Urinary Diversion in Children with SCI”. Urologic Management of Patients with Spinal Cord Injury, International Conference at the Hospital del Trabajador, Santiago, Chile.
- 2019 “Pediatric Urology Consequences of Spinal Cord Injury”. Pediatric Urology Winter Forum, Utah
- 2019 “The History of French Pediatric Urology”. European Society of Pediatric Urology Meeting, Lyon, France.

Report of Clinical Activities and Innovations:

Current Licensure and Certification

- 1984 Massachusetts Medical License (current)
- 1984 Pennsylvania Medical License (inactive)
- 1990 Maryland Medical License (inactive)
- 1993 New Hampshire Medical License (current)
- 1994 Vermont Medical License (inactive)
- 1994 American Board of Urology
- 2005 American Board of Urology Recertification
- 2008 American Board of Urology - Certificate of added qualification in Pediatric Urology
- 2018 American Board of Urology - Recertification of added qualification in Pediatric Urology

Practice Activities

Pediatric Urology

- Ambulatory care, Outpatient Clinic, Pediatric Urology, Children's Hospital, Boston, MA. Two to Three full day sessions/week.
- Surgery, ambulatory and inpatient, Pediatric Urology, Children's Hospital, Boston, MA.
- One to two sessions/week. Ambulatory surgery at the Waltham and Lexington campuses of Children’s Hospital, Boston, 1 session per week

- Ambulatory care, subspecialty clinic, Waltham Children's Hospital, Waltham, MA, Lexington Children's Hospital Specialty Clinic, Lexington, Ma, Peabody Children's Hospital, Peabody, MA, Bedford, NH, Nashua, NH.
One to two sessions per month.

Clinical Innovations:

- 1991 Invention and simple mentation of a tool box containing all necessary equipment for catheterizing patients in a busy hospital
This was reported and published in ref #7 p 32
- 1994 First reported cases of desmoplastic round cell tumor involving the urinary tract
This was reported and published in ref. # 14, p.33
- 1995 Use of an anterior bladder tube as a catheterizable stoma for clean intermittent catheterization.
This was reported and published in ref. #26 p 33
- 1995 Combination therapy for the treatment of enuresis using desmopressin and an anticholinergic agent.
This was reported and published in ref. #30 p33
- 1998 Atrophic or nubbin testicles do not need to be removed because of the very low risk for malignancy.
This was reported and published in ref. #29 p. 33
- 1999 Use of autologous collagen as a bulking agent for the treatment of vesicoureteral reflux. Use of autologous collagen for the treatment of vesicoureteral reflux. This past project Translational study of a new bulking method for the treatment of vesicoureteral reflux. This project initially started in an animal model (rabbit). Results were promising and Human studies were planned but a new product (deflux) came on the market making Autologous collagen a less viable solution to the treatment of vesico-ureteral reflux ref
This was reported and published in ref. #17 p. 32
- 2001 The role of cystoscopy prior to ureteral reimplantation in children.
This was been reported and published in ref #34 p. 33
- 2004 The vesicoureteral reflux score. This clinical tool was evaluated to help in the assessment and management of patients with vesicoureteral reflux. Several variables are included in the score so as to provide a longitudinal assessment of patients with vesicoureteral reflux. This was been reported and published in ref #46 in p 34
- 2006 Prenatal hydronephrosis and postnatal outcome. Based on an extensive meta-analysis the information enables clinicians to predict the postnatal outcomes based on the degree of hydronephrosis. The study is important as it provides a clinical tool for prenatal

counseling.

This was been reported and published in ref #40 p 34

- 2018 A new diagnostic evaluation and diagnosis of urinary incontinence in young women with pelvic floor laxity was described and published in ref # 58 p39

Report of Technological and Other Scientific Innovation:

- A fetal lamb model of partial urethral obstruction: experimental protocol and results
- Development of an animal model of partial Urethral Obstruction in a fetal sheep. This allowed us to map out the changes in the developing urinary tract under conditions of outlet obstruction.
- This model was described in ref #13 p 35
- Is penile electrocautery safe? Temperature assessment in a sheep model.
- Development of an animal model to study the effects of electro cautery on the penis.
- This model was described and reported in ref #1 p 40
- Histologic analysis of epithelial regrowth after Tubularized, Incised Urethral Plate Urethroplasty
- Elaboration and development of an animal model of hypospadias which allowed the study of the time course of healing.
- This was reported and published in ref # 34 and 35 p 37
- A new technique for hypospadias repair
- Elaboration and development of a new hypospadias repair technique which allows for better anatomic visualization of the urethral plate and reduces the risk for injury in patients with the megameatus intact prepuce variant of hypospadias
- This was reported and published in ref. # 57 p.39

Report of Education of Patients and Service to the Community:

Activities

- 1996-1997 Humanitarian trip to Vietnam organized by Friendship Bridge (Dr. Ted Ning).
- 2006-present Pan Massachusetts Challenge (PMC). The PMC raises money (\$4500 per participants for 2015) for life-saving cancer research and treatment at Dana-Farber Cancer Institute through an annual bike-a-thon that crosses the Commonwealth of Massachusetts. This is my 9th year participating.
- 1992-current Volunteer work for the former Historical Society of Olde Newbury, now known as Museum of Old Newbury as Docent, program chairman, co-chair of the Collections Committee and member of the Board of Directors.
- 1998-2001 I have also participated in two educational trips to Egypt with the organization Physicians for Peace.
- 2022-Current Member of the Newburyport Historical Commission.

Educational Materials for Patients and the Lay Community

Books, monographs, articles and presentation in other media

1. **Cendron M.** Best Practice for Treatment of Primary Nocturnal Enuresis: Strategies for the Clinician from Leading U.S. Enuresis Clinic, 2000.
2. **Cendron M.** Nocturnal Enuresis: Practical Approaches to a Common Problem, 2001.
3. **Cendron M.** Bed wetting and children: Removing the stigma. Health News Digest. Com, March 2002.
4. **Cendron M.** Enuresis : Do's and Don't. 24Dr.Com. June 2002.
5. **Cendron M.** Vesicoureteral reflux. Review for online journal eMedicine, 2005.
6. **Cendron M.** Wilms Tumor. Review for online journal eMedicine, 2006.
7. **Cendron M.** Vesicoureteral reflux update. Review for online journal e-Medicine, 2006.

Patient educational material

- 1994-1998 Educational brochures for parents and patients regarding pediatric urologic conditions, Children's Hospital at Dartmouth (CHAD): Maldescended Testicles, Voiding Cystourethrogram (VCUG), The Child with Reflux, Pediatric Urology Home Care Instructions, Hypospadias Repair with Urethral Catheter, After Orchidopexy, Preparing Your Child for Ureteral Reimplantations, Hydronephrosis Diagnosed Prenatally, Hernias and Hydroceles, Hypospadias

- 2000-2003 Creation of parent educational material for postoperative care after pediatric urologic surgery, Dartmouth Hitchcock Medical Center.
- 2000-2003 CME program for nurse and nurse practitioners on topics of pediatric urology, Dartmouth Hitchcock Medical Center.
- 2012-present Creation and accreditation of the CME Grand Rounds Program for the Department of Urology at Boston Children's Hospital

Recognition

- 1998-2000 Board Member International Volunteers in Urology
- 1998 President of the Society of Fetal Urology
- 2000-present National Registry of Who's Who
- 2005-2006 President of the Society for Pediatric Urology
- 2013-2014-2015-2016-2017-2023 Best Doctors Boston Magazine

Report of Scholarship:

Publications

Peer Reviewed Publications in Print or other media

Research investigations

1. Deutsch E, Apffel CA, Walker JE, **Cendron M**. Immunological markers in gastric cancer secretions. *Am J Gastroenterol* 72(3):334, 1979.
2. Klempner MS, **Cendron M**, Wyler DJ. Attachment of plasma membrane vesicles of human macrophage to *Leishmania tropica* promastigotes. *Journal of Infectious Disease* 148(3):377-384, 1983.
3. Carpiniello VL, **Cendron M**, Altman HG, Malloy TR, Booth R. Treatment of urinary complications after total joint replacement in elderly females. *Urology* 23:186-188, 1988.
4. **Cendron M**, Keating M, Huff DS, Koop CE, Snyder HM, Duckett JW. Cryptorchidism, orchiopexy and infertility: a critical long-term retrospective analysis. *Journal of Urology* 142:559-562, 1989.

5. **Cendron M**, Whitmore KE, Carpiello V, et al. Traumatic rupture of the corpus cavernosum: evaluation and management. *Journal of Urology* 144:987-991, 1990.
6. **Cendron M**, Deserale D, Malkowicz SB, Wein AJ. The urology crash box. *Journal of Urology* 146:389, 1991.
7. **Cendron M**, Leonard MP, Gearhart JP, Jeffs RD. Endoscopic treatment of vesicoureteral reflux using cross-linked bovine dermal collagen. *Pediatric Surgery International* 6:295-300, 1991.
8. Haberlik A, **Cendron M**, Sauer H. Biliovenous fistula in children after blunt liver trauma: proposed for a simple surgical treatment. *Journal of Pediatric Surgery* 27(9): 1203, 1992.
9. Turek PJ, Malloy TR, **Cendron M**, Carpiello VL, Wein AJ. KTP-532 laser ablation of urethral strictures. *Urology* 40:330-334, 1992.
10. **Cendron M**, Huff DS, Keating MA, Snyder H, Duckett JW. Anatomical, morphological and volumetric analysis: a review of 759 cases of testicular maldescent. *Journal of Urology* 149:570-573, 1993.
11. Karim OMA, **Cendron M**, Mostwin JL, Gearhart JP. Developmental alterations in the fetal lamb bladder subjected to partial urethral obstruction in utero. *Journal of Urology* 150:1060-1063, 1993.
12. Crombleholme TM, Harris HH, Jacir NN, Lautchaw LA, Kretschmar CS, Rosenfield CG, Wolfe LC, **Cendron M**. The desmoplastic round cell tumor: a new solid tumor of childhood. *Journal of Pediatric Surgery* 28(8): 1023-1025, 1993.
13. **Cendron M**, Horton CE, Karim OMA, et al. A fetal lamb model of partial urethral obstruction: experimental protocol and results. *Journal of Pediatric Surgery* 29(1): 77-80, 1994.
14. Carroll JC, Klauber GT, Kretschmar CS, Ucci A, **Cendron M**. Urologic aspects of intra-abdominal desmoplastic small round cell tumor of childhood: a preliminary report. *Journal of Urology* 151:172-173, 1994.
15. Hiort O, Klauber GT, **Cendron M**, Sinnecker GH, Lutz K, Schwinger E, Wolfe HS, Yandell Dw. Molecular characterization of the androgen receptor in boys with hypospadias. *European Journal of Pediatrics* 153:317-321, 1994.
16. Klauber GT, **Cendron M**. Continent vericostomy using a catheterizable posterior bladder tube: Modification of the Mitrofanoff Principle. *Journal of Pediatric Surgery*, 29 (1):71-73, 1994.
17. **Cendron M**, DeVore D, Connolly R, Ucci A, Sanh G, Ucci A, Calahan R, Klauber GT, Cohen A, Heilman C, Lewis M, Harris B. The biological behavior of autologous collagen injected into the rabbit urinary bladder. *Journal of Urology* 154:808-811, 1995.
18. Crombleholme TM, D'Alton ME, **Cendron M**, et al. Prenatal diagnosis and the pediatric surgeon: the impact of prenatal consultation on perinatal management. *Journal of Pediatric Surgery* 31:156-163, 1996.
19. Morin L, **Cendron M**, Crombleholme TM, Garmel SH, Klauber GT, D'Alton ME. Minimal hydronephrosis in the fetus: clinical significance and implications for management. *Journal of Urology* 155: 2047-2049, 1996.

20. Garmel SA, Crombleholme TM, **Cendron M**, D'Alton ME. The vanishing fetal ureterocele: a cause for concern. *Prenatal Diagnosis* 16(4): 354-356, 1996.
21. Schned A, **Cendron M**. Pathologic findings in the vanishing testis syndrome. *Journal Urologic Pathology* 6:95-107, 1997.
22. Lottman HB, Melin Y, **Cendron M**, Lombrahl P, Beze-Beyrie P, Cendron J. Bladder exstrophy : evaluation of factors leading to continence with spontaneous voiding after staged reconstruction. *Journal of Urology* 158: 1041-1044, 1997.
23. Curtis MR, Mooney DP, Vaccaro TJ, Williams JC, **Cendron M**, Shorter NA, Sargent Sr. Prenatal ultrasound characterization of suprarenal mass: distinction between neuroblastoma and subdiaphragmatic extra lobar pulmonary sequestration. *Journal Ultrasound Medicine* February 16(2):75-83, 1997.
24. Lottmann HB, Archambaud F, Hellal B, Pageyral BM, **Cendron M**. 99m-Tc DMSA renal scan in the evaluation of potential long-term renal parenchymal damage associated with extracorporeal shock wave lithotripsy (ESWL) in children. *Journal of Urology* 159 :521-524, 1998.
25. **Cendron M**, Klauber G. Combination therapy in the treatment of persistent nocturnal enuresis. *British Journal of Urology* 81, suppl. 3, 26-28, 1998.
26. Merguerian PA, Merovach RA, Shortliffe LDS, **Cendron M**, Laparoscopy for the evaluation and management of the nonpalpable testicle. *Urology* 51 suppl. 3-6, 1998.
27. Latini JM, Curtis MR, **Cendron M**, Crow HC et al. The Prenatal Failure to Visualize the Kidneys: A Spectrum of Disease. *Urology* 52:2, 306-311, 1998.
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Professional Education Materials or Reports, in print or other media

1. Syllabus. GU embryology. American Urologic Association board review course used for board certification review.

2. Syllabus. Obstructive uropathy. Dartmouth Medical School basic science course used by medical students as part of basic science curriculum.
3. Syllabus. Fluids and electrolytes. Dartmouth Medical School basic science course used by medical students as part of basic science curriculum.
4. Syllabus. Hernia and hydrocele. Societé International d'Urologie. International review course for physicians.
5. Syllabus. Cryptorchidism. Societé International d'Urologie. International review course for physicians.

Clinical Guidelines and Reports

Core Curriculum for Pediatric Urology at Children's Hospital. This material was being compiled for by pediatric urology fellows and residents to ensure that all aspects of pediatric urology are covered during their training. 2010

ICUD-SIU Joint Consultation on the Urologic Management of Children with Spinal Cord Injuries 2016

Thesis

Honors Thesis: Study of fatty acids in cell membranes in patients with Duchene muscular dystrophy. Bowdoin College, 1978.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings (last 3 years)

1. McNamara E, Schaeffer AJ, Seager CM, Rosoklija I, Retik AB, Diamomd DA, **Cendron, M.** Management of proximal hypospadias with 2-stage repair: 20 year experience. Pediatric Urology Fall Congress, Miami, 2015.
2. McQuaid, JW, Cendron, M. The efficacy of congenital penile curvature repair in pre-adolescent males without hypospadias: early outcomes. New-England AUA meeting. Providence, RI. 2015
3. Eswara J, Cendron M. The urologic management of children with spinal cord injury. Societe International d'Urologie meeting, October 2016 Buenos Aires, Argentina
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5. Cendron M, McNamara E, Kurtz M, Diamond D. Simon Duplay : The dawn of hypospadiology. American Urologic Association, Annual Meeting, San Francisco, Ca, 2018

Narrative Report

My carrier in pediatric urology did not start on an auspicious note: after two years of medical school in France, I simply did not make the grade and was forced to quit. Forty years later, 20 of which at Boston Children's Hospital and Harvard Medical School, it appears that I may have righted the ship. I left France and transferred to Bowdoin College where I was given the opportunity to discover research and academic pursuits which have been an integral part of my life ever since through medical school, residency, fellowship and finally into clinical practice. From exploring the molecular attachment of a parasite to developing animal models and new surgical techniques, my carrier has been driven by curiosity and motivated by the challenges of discovery.

Broadly my carrier can be divided into three parts. The first fifteen years were devoted to research focused on three areas of pediatric urology: prenatal urology, vesico-ureteral reflux and hypospadias. Through the establishment of animal models I was able to recreate clinical situations that could be studied in the laboratory.

Starting with an animal model of partial urethral obstruction which I developed during my fellowship, I have carried out both bench research and clinical studies which have subsequently been presented at various national and international meetings and published several articles, the most recent one having been published in the journal *Pediatrics*. This article provides a comprehensive meta-analysis of the current information on prenatally diagnosed hydronephrosis and its postnatal outcomes. This paper, which has been quoted widely, offers clinically relevant information which can be used as a prenatal counseling tool for parents whose fetus carries the diagnosis of hydronephrosis.

In the area of clinical research on vesico-ureteral reflux, I have carried out translational research looking to apply the use of autologous collagen for the treatment of vesicoureteral reflux. An innovative animal model was developed and studied to evaluate the use of this new bulking agent. I have also produced several clinical research articles on the topic of reflux as well as several review papers. The most recent one entitled *Reflux Nephropathy* is a comprehensive review of the long-term effects of reflux on the kidney.

My mentor John Duckett, M.D. had a lasting influence on my interest in hypospadias which led me first to organize and implement an animal model of hypospadias focused on assessing the time line and histology of the urethral healing process after hypospadias repair. Subsequently, after carrying out a retrospective review of a large series of patient with proximal hypospadias, I have set-up a prospective IRB-sponsored long-term study so as to better ascertain the factors that may positively influence the surgical outcomes of patients with complex hypospadias.

In 1998 the second phase of my carrier came to be as I was elected Program Chairman for the Society for Fetal Urology and since that time have been involved in organizing a number of national and international meetings. This administrative and leadership experience has been further expanded by my election to Program Chairman for the Annual Meeting of the Society for Pediatric Urology and subsequently to the position of Secretary/Treasurer of the Society for Pediatric Urology (SPU). During my tenure as Secretary of the SPU, the Society was completely reorganized. A new administrative structure was put in place. Fundraising was expanded and reached the level of \$150,000 per year. A new research grant award system was also initiated. In 2007, I was honored to become the president of the SPU. More recently, I have organized the Pediatric Urology Winter Forum, a meeting which invites the top pediatric urologists both from the United States, South America and Europe. This is a five day, six hours a day meeting during which cutting edge research is presented and discussed. Finally, I was the Chairman and organizer of the First World Congress of Pediatric Urology which was held in 2010 in

San Francisco. For the first time ever, this meeting brought together all of the international pediatric urology societies and showcased the most recent advances in pediatric urology. This project represented a huge political and logistical effort which was rewarded with the participation of over 1000 physicians, nurses and allied health members.

When I moved to Boston Children's Hospital for the third phase of my carrier, my focus has shifted towards clinical practice and teaching. Teaching is an activity that I enjoy probably more than anything in my day-to-day activities. The interaction with medical students, residents, fellows and colleagues has always stimulated me and provided me with further ideas for research. While at Dartmouth Hitchcock Medical Center, I set up a CME program for primary care physicians. This quarterly program provided lectures on pediatric topics. On a national level, I have taught several courses for the American Urologic Association including a board review course on urologic embryology and on the long term consequences of testicular maldescent.

At Children's Hospital, I am directly involved in the teaching of the residents and fellows, both in the operating room and in the clinics. I am responsible for the organization and planning of two CME programs within the department of urology: the weekly Grand Rounds and Indications conference. I have also initiated and implemented the pediatric urology Journal Club. Teaching medical students and residents has enabled me to share my enthusiasm for pediatric urology and have been rewarded by the fact that a number of them have gone on to successful careers in pediatric urology. In my teaching of urology residents and fellows, I like to emphasize the importance of good communication, safe practice, attention to detail and the importance of long-term follow-up as well as the importance of critical thought and a need improvement and innovation.

Educational writing has helped me focus my attention on some of the topics that I found interesting and challenging. I have been very fortunate to have had articles published in peer reviewed journals and classic textbooks in pediatric urology. The feed-back and comments that I received about these publications has been very rewarding. Furthermore, the experience has helped me with my editorial activities with the Journal of Urology and with the online peer-reviewed medical reference site, eMedicine, for which I am Editor-in-Chief for Pediatric Urology.

Over the 30 years, I have enjoyed a career in pediatric urology and have seen the sub-specialty grow enormously having become recognized as a stand alone sub-specialty sanctioned by a certificate of added qualification. I am fortunate to have thrived in an academic environment at Harvard Medical School having been able to pursue both translational and clinical research, to carry out administrative and leadership activities as well as having had the opportunity to teach and mentor a large number of young aspiring urologists and pediatric urologists here at home and abroad.