




## Linda M. Dairiki Shortliffe

Stanley McCormick Memorial Professor in the School of Medicine, Emerita  
Urology

 NIH Biosketch available Online

 Curriculum Vitae available Online

### CONTACT INFORMATION

- **Alternate Contact**

Tel 650 723-9779

### Bio

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#### BIO

Linda M. Dairiki Shortliffe is the Stanley McCormick Memorial Professor Emerita of Urology at Stanford. She was Department Chair (1995-2011), Residency Program Director, founding Chief Pediatric Urology, first Stanford Fellowship Director Pediatric Urology, and Chief of Urology at the Palo Alto VA.

She received AB cum laude in History and Science from Harvard, MD from Stanford, urologic training at Stanford University Medical Center, and pediatric urologic training at Children's Hospital Philadelphia. She was the Hewlett Foundation Fellow at the Radcliffe Institute for Advanced Study at Harvard, and a Stanford Clayman Institute Faculty Fellow. She was a featured physician in the National Library of Medicine exhibit, "Changing the Face of Medicine," received a 2015 AUA Distinguished Service Award, and awarded the 2016 Ferdinand Valentine Medal of the New York Academy of Medicine and 2018 SWIU Jean Fourcroy Leadership Award.

She had grants to examine prostatitis, effects of pregnancy and sex hormones on the urinary tract, and pediatric urinary tract imaging and physiology, and published over 180 manuscripts, chapters, and articles. She served as Deputy Chair NIH Consensus Panel on Impotence, NIDDK Special Grants Chartered Review Committee member, and Chair of the NIH Bladder Research Program Review Group that produced the publication to guide NIDDK research, Overcoming Bladder Disease: a Strategic Plan For Research. She serves as a Council Member on the California Council for Science & Technology and is co-investigator on R01EB026136 (PI Vasanawala), : Development and Validation of Radiation-Free Pediatric Renal Function Quantification 4/5/18 –1/31/22.

She was oral examiner, Trustee, and President of the American Board of Urology, President Society University Urologists, Chair Society University Chairs & Program Directors, Chair Urology Section of the American Academy of Pediatrics (AAP), Chair of AUA/EAU Academic Fellowship Program, an Associate Editor AUA News, and member of ABU/AUA Joint Exam Committee, ACGME Urology Residency Review Committee, AAP Subcommittee on Urinary Tract Infections, Executive Committee AAP Section on Urology, Bladder Health Council of AFUD, Board of AFUD, Council on Education, Publications, Core Curriculum Steering, and the AUA Annual Program Committee.

#### ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Urology
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

- Member, Stanford Cancer Institute
- Affiliate, Stanford Woods Institute for the Environment

### **ADMINISTRATIVE APPOINTMENTS**

- Vice President, American Association of Genitourinary Surgeons (AAGUS), (2019-2020)
- Council Member, California Council on Science & Technology, (2017- present)
- Chair Nominations & Governance Committee of the Board of Directors, Avenidas (Avenidas.org, nonprofit), (2018- present)
- Senior Councilor, American Association Genitourinary Surgeons (AAGUS), (2018-2019)
- Director (Board of Directors), Avenidas (Avenidas.org, nonprofit), (2015-2021)
- Faculty Advisor, Asian Pacific American Medical Student Association (APAMSA), (2013-2017)
- Chair, Society Urology Chairs & Program Directors, (2007-2008)
- Chair, American Academy Pediatrics Urology Section, (2007-2008)
- President, American Board of Urology, (2006-2007)
- Pediatric Urology Program Director, Stanford University Medical Center, (2005-2009)
- Director, American Foundation for Urologic Disease, (2004- present)
- President, Society University Urologists, (2004-2005)
- Member, Residency Review Committee, (2003-2009)
- Trustee, American Board of Urology, (2001-2007)
- Chair, Stanford University School of Medicine Department of Urology, (1995-2011)
- Program Director, Urology Residency, (1993-2007)

### **HONORS AND AWARDS**

- 2018 Jean Fourcroy Leadership Award, SWIU (Society of Women in Urology) (May 20, 2018)
- Visiting Faculty Childrens Hospital Kantha Bopha, Siem Reap, Cambodia, Foundation of Childrens Hospitals Kantha Bopha (2/19/18-3/6/18)
- Richard C Durham Visiting Professor, Albany Medical Center (June 22-24, 2016)
- 2016 Ferdinand C Valentine Award and Lecture New York Academy of Medicine, New York Academy of Medicine (April 13, 2016)
- 2015 American Urological Association Distinguished Service Award, American Urological Association (2015)
- Stanford Clayman Faculty Research Fellow, Clayman Institute for Gender Research, Stanford University (2012-2013)
- Distinguished Alumnae Children's Hospital of Philadelphia Pediatric Urology, Pediatric Urology, Children's Hospital of Philadelphia, Philadelphia, PA (2012)
- William and Flora Hewlett Foundation Fellow, Institute for Advanced Study, Radcliffe Institute Center for Advanced Study at Harvard University (2008-2009)
- Asian American Faculty Award, Stanford University Asian American Association (2008)
- Featured Physician [http://www.nlm.nih.gov/changingthefaceofmedicine/physicians/biography\\_293.html](http://www.nlm.nih.gov/changingthefaceofmedicine/physicians/biography_293.html), National Library of Medicine (2003-2005)
- Top Doctors in Silicon Valley, San Jose Magazine (2001-)
- Best Doctors, San Francisco Magazine (2003-)
- Best Doctors in America--Pediatric Urology, Naifeh & Smith; Woodward and White (1991-2, 1994-5, 1996-7)
- America's Top Doctors, Castle Connolly (2001- 2010)
- Top Doctors US News & World Report (Urology), US News & World Report (<http://health.usnews.com/top-doctors>) (2011, 2012, 2013, 2014, 2015)

### **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Council Member, California Council on Science & Technology (2017 - present)
- Member, Dornier Aries Advisory Panel (2017 - present)

- External Experts Panel, NIH Urologic diseases of America (UDA) UCLA-RAND (2013 - present)
- Independent Elected Director, BOD, Vivus Inc. (1999 - 2013)
- Elected Member, Clinical Society of Genitourinary Surgeons (2004 - present)
- Elected Member, American Association of Genitourinary Surgeons (1998 - present)
- Chair, Editor, Bladder Research Program Review Group for NIH, NIDDK (2001 - 2003)
- External Advisory Committee, Urologic Diseases in America (UCLA/RAND) NIDDK (2002 - 2005)
- Elected Member, Society for Paediatric Urological Surgeons (1999 - present)
- Fellow, Society Pediatric Urology (1999 - present)
- Deputy Chair, Consensus Panel on Impotence. Sponsored by the NIH, NIDDK, Office of Medical Applications of Research, National Institutes of Health (1994 - 1994)
- Elected Member, Western Urologic Forum (1990 - present)
- Member, Diabetes & Digestive & Kidney Diseases (NIDDK-D) Special Grants Chartered Review Committee, National Institutes of Health (1990 - 1994)
- Fellow, American Academy of Pediatrics-Urology Section (1989 - present)
- Fellow, American College of Surgeons (1985 - present)

### **PROFESSIONAL EDUCATION**

- n/a, Stanford Law School , Stanford Directors' College, Rock Center for Corporate Governance (2012)
- n/a, Stanford University School of Medicine , Spectrum Adult Health Research Intensive Course in Clinical Research: Design and Performance (2010)
- Subspecialty Certification, American Board of Urology , Pediatric Urology (2008)
- n/a, Harvard School of Public Health , Advanced Program for Chiefs of Clinical Services (1998)
- Certification, American Board of Urology , Urology (1983)
- AB, Harvard University , History and Science (1971)
- MD, Stanford University , Medicine (1975)

### **COMMUNITY AND INTERNATIONAL WORK**

- Board of Directors Avenidas, Palo Alto
- MEDshare Western Regional Council, San Leandro, CA
- AAP: Subcommittee on Urinary Tract Infections, Chicago, IL
- First International WHO Consultation on Health Care Associated Infections in Urology (HCAIU)
- Urologic Diseases in America

### **LINKS**

- National Library of Medicine web link: [http://www.nlm.nih.gov/changingthefaceofmedicine/physicians/biography\\_293.html](http://www.nlm.nih.gov/changingthefaceofmedicine/physicians/biography_293.html)
- NCBI: <https://www.ncbi.nlm.nih.gov/sites/myncbi/1bA3DfxX-nZ/bibliography/40084090/public/?sort=date&direction=ascending>

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Interactions between hydronephrosis and subsequent renal tubular and glomerular changes are not well studied. Our group has examined defining parameters that may be involved in urinary tract hydronephrosis (nonobstructive), urinary tract obstruction, vesicoureteral reflux, and infectious nephropathy. We have examined the effects of sex hormones (testosterone, estrogen, progesterone) and pregnancy on urinary tract physiology to better understand their involvement in renal and urinary tract pathophysiology. We are applying the results of these findings to identify factors that could be markers of renal dysfunction using animal models and imaging parameters.

Current work includes:

- Risk factors to urinary tract and renal function during pregnancy
- Dietary effects on pregnancy in an rat model related to metabolic, cardio-reno-vascular and hepatic changes
- Quantitative imaging parameters and renal function (ultrasonography and magnetic resonance imaging)
- Examination of sex hormones and effect on urinary tract pathophysiology and development
- Hypnosis during urinary tract evaluation (with Dr. David Spiegel)

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)
- Pediatric Urology (Fellowship Program)

## Publications

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### PUBLICATIONS

- **Gpr124 is essential for blood-brain barrier integrity in central nervous system disease** *NATURE MEDICINE*  
Chang, J., Mancuso, M. R., Maier, C., Liang, X., Yuki, K., Yang, L., Kwong, J. W., Wang, J., Rao, V., Vallon, M., Kosinski, C., Zhang, J. J., Mah, et al  
2017; 23 (4): 450-?
- **New and developing diagnostic technologies for urinary tract infections.** *Nature reviews. Urology*  
Davenport, M., Mach, K. E., Shortliffe, L. M., Banaei, N., Wang, T., Liao, J. C.  
2017
- **Analysis of Kidney Ultrasound Dimensions by Body Habitus and Position** *JOURNAL OF UROLOGY*  
Kouba, E., Newman, B., Shortliffe, L. M.  
2016; 196 (3): 943-949
- **Analysis of Kidney Ultrasound Dimensions by Body Habitus and Position.** *journal of urology*  
Kouba, E., Newman, B., Dairiki Shortliffe, L. M.  
2016; 196 (3): 943-949
- **The transient receptor potential vanilloid 4 channel modulates uterine tone during pregnancy** *SCIENCE TRANSLATIONAL MEDICINE*  
Ying, L., Becard, M., Lyell, D., Han, X., Shortliffe, L., Husted, C. I., Alvira, C. M., Cornfield, D. N.  
2015; 7 (319)
- **Dietary fructose in pregnancy induces hyperglycemia, hypertension, and pathologic kidney and liver changes in a rodent model** *PREGNANCY HYPERTENSION-AN INTERNATIONAL JOURNAL OF WOMENS CARDIOVASCULAR HEALTH*  
Shortliffe, L. M., Hammam, O., Han, X., Kouba, E., Tsao, P. S., Wang, B.  
2015; 5 (4): 308-314
- **Testosterone Changes Bladder and Kidney Structure in Juvenile Male Rats** *JOURNAL OF UROLOGY*  
Shortliffe, L. M., Ye, Y., Behr, B., Wang, B.  
2014; 191 (6): 1913-1919
- **Adult and Pediatric Intra-Institutional Trends of Ciprofloxacin Susceptibility in E. coli Positive Urinary Cultures.** *Antibiotics (Basel, Switzerland)*  
Owumi, W., Banaei, N., Shortliffe, L. D.  
2014; 3 (2): 163-173
- **Testosterone Changes Bladder and Kidney Structure in Juvenile Male Rats (Accepted Feb 07, 2014)** *Journal of Urology (Available ahead of publication: unedited mss)*  
Shortliffe, L. M., Ye, Y., Behr, B., Wang, B.  
2014: 1-30

- **Adult and Pediatric Intra-Institutional Trends of Ciprofloxacin Susceptibility in E. coli Positive Urinary Cultures** *Antibiotics*  
Owumi, W., Banaei, N., Shortliffe, L. D.  
2014; 3: 163-173
- **Three differentiation states risk-stratify bladder cancer into distinct subtypes** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Volkmer, J., Sahoo, D., Chin, R. K., Ho, P. L., Tang, C., Kurtova, A. V., Willingham, S. B., Pazhanisamy, S. K., Contreras-Trujillo, H., Storm, T. A., Lotan, Y., Beck, A. H., Chung, et al  
2012; 109 (6): 2078-2083
- **Trends in Hospitalization for Pediatric Pyelonephritis: A Population Based Study of California From 1985 to 2006** *JOURNAL OF UROLOGY*  
Copp, H. L., Halpern, M. S., Maldonado, Y., Shortliffe, L. D.  
2011; 186 (3): 1028-1034
- **Epidemiologic trends in penile anomalies and hypospadias in the state of California, 1985-2006** *JOURNAL OF PEDIATRIC UROLOGY*  
Elliott, C. S., Halpern, M. S., Paik, J., Maldonado, Y., Shortliffe, L. D.  
2011; 7 (3): 294-298
- **Clinical Decisions: Treatment of a 6-Year-Old Girl with Vesicoureteral Reflux--Repair of the Vesicoureteral Reflux** *New England Journal of Medicine*  
Shortliffe LD, Hoberman A, Alon U  
2011; 365 (3): 266-270
- **Evaluation of Dynamic Contrast-Enhanced MRI in Detecting Renal Scarring in a Rat Injury Model** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Wang, B., Sommer, G., Spielman, D., Shortliffe, L. M.  
2010; 31 (5): 1132-1136
- **Compliance With Antibiotic Prophylaxis in Children With Vesicoureteral Reflux: Results From a National Pharmacy Claims Database** *JOURNAL OF UROLOGY*  
Copp, H. L., Nelson, C. P., Shortliffe, L. D., Lai, J., Saigel, C. S., Kennedy, W. A.  
2010; 183 (5): 1994-1999
- **Urinary Tract Infection in Children: When to Worry** *UROLOGIC CLINICS OF NORTH AMERICA*  
Clark, C. J., Kennedy, W. A., Shortliffe, L. D.  
2010; 37 (2): 229-?
- **Evaluation of asymptomatic, atraumatic hematuria in children and adults** *NATURE REVIEWS UROLOGY*  
Tu, W. H., Shortliffe, L. D.  
2010; 7 (4): 189-194
- **Top-down Approach for Evaluation of Urinary Tract Infection** *UROLOGY*  
Wu, H., Shortliffe, L. D.  
2010; 75 (3): 514-515
- **Quantitative Ultrasound Renal Parenchymal Area Correlates With Renal Volume and Identifies Reflux Nephropathy** *60th Annual Meeting of the American-Academy-of-Pediatrics/International-Childrens-Continence-Society*  
Wong, I. Y., Copp, H. L., Clark, C. J., Wu, H., Shortliffe, L. D.  
ELSEVIER SCIENCE INC.2009: 1683-87
- **Identification, molecular characterization, clinical prognosis, and therapeutic targeting of human bladder tumor-initiating cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Chan, K. S., Espinosa, I., Chao, M., Wong, D., Ailles, L., Diehn, M., Gill, H., Presti, J., Chang, H. Y., van de Rijn, M., Shortliffe, L., Weissman, I. L.  
2009; 106 (33): 14016-14021
- **The management of renal angiomyolipomas in a patient with tuberous sclerosis** *NATURE CLINICAL PRACTICE UROLOGY*  
Wong, I. Y., Shortliffe, L. D.  
2009; 6 (3): 168-172
- **Certification, Recertification and Maintenance: Continuing to Learn** *UROLOGIC CLINICS OF NORTH AMERICA*  
Shortliffe, L. M.  
2009; 36 (1): 79-?

- **A case of ectopic dysplastic kidney and ectopic ureter diagnosed by MRI** *NATURE CLINICAL PRACTICE UROLOGY*  
Duong, D. T., Shortliffe, L. M.  
2008; 5 (11): 632-636
- **Management of Wilms tumor: current standard of care** *NATURE CLINICAL PRACTICE UROLOGY*  
Sonn, G., Shortliffe, L. M.  
2008; 5 (10): 551-560
- **Magnetic resonance Imaging detected renal volume reduction in refluxing and nonrefluxing kidneys** *JOURNAL OF UROLOGY*  
Chang, S. L., Caruso, T. J., Shortliffe, L. D.  
2007; 178 (6): 2550-2554
- **Pediatric urinary tract infections** *PEDIATRIC CLINICS OF NORTH AMERICA*  
Chang, S. L., Shortliffe, L. D.  
2006; 53 (3): 379-?
- **Management of delayed bladder augmentation perforation** *NATURE CLINICAL PRACTICE UROLOGY*  
Adams, W., Shortliffe, L. M.  
2006; 3 (6): 341-344
- **Hypnosis reduces distress and duration of an invasive medical procedure for children** *PEDIATRICS*  
Butler, L. D., Symons, B. K., Henderson, S. L., Shortliffe, L. D., Spiegel, D.  
2005; 115 (1): E77-E85
- **Structural changes in the bladder walls of pregnant and hormone-treated rats: correlation with bladder dynamics** *BJU INTERNATIONAL*  
Rodriguez, L. V., Wang, B. Y., Shortliffe, L. M.  
2004; 94 (9): 1366-1372
- **Laparoscopic mitrofanoff appendicovesicostomy** *UROLOGY*  
Hsu, T. H., Shortliffe, L. D.  
2004; 64 (4): 802-804
- **Urinary tract infection in children: etiology and epidemiology** *UROLOGIC CLINICS OF NORTH AMERICA*  
Ma, J. F., Shortliffe, L. M.  
2004; 31 (3): 517-?
- **Neuroblastoma: Management, recurrence, and follow-up** *UROLOGIC CLINICS OF NORTH AMERICA*  
Lee, K. L., Ma, J. F., Shortliffe, L. D.  
2003; 30 (4): 881-?
- **Evaluation of renal growth by magnetic resonance imaging and computerized tomography volumes** *54th Annual Meeting of the American-Academy-of-Pediatrics*  
Heuer, R., Sommer, G., Shortliffe, L. D.  
ELSEVIER SCIENCE INC.2003: 1659-63
- **Effect of urinary tract infection on ureteropelvic junction obstruction in a rat model** *UROLOGY*  
Hansen, M. H., Wang, B. Y., Afzal, N., BOINEAU, F. G., Lewy, J. E., Shortliffe, L. M.  
2003; 61 (4): 858-863
- **Fetal renal growth as assessed through renal parenchymal area derived from prenatal and perinatal ultrasonography** *JOURNAL OF UROLOGY*  
Kennedy, W. A., Chitkara, U., Abidari, J. M., Shortliffe, L. M.  
2003; 169 (1): 298-302
- **Serial followup of the contralateral renal size in children with multicystic dysplastic kidney** *Annual Meeting of the Section-on-Urology American-Academy-of-Pediatrics*  
Abidari, J. M., Park, K. H., Kennedy, W. A., Shortliffe, A. D.  
ELSEVIER SCIENCE INC.2002: 1821-25
- **Urinary incontinence in girls** *UROLOGIC CLINICS OF NORTH AMERICA*  
Abidari, J. M., Shortliffe, L. M.

2002; 29 (3): 661-?

- **Urinary tract infection at the age extremes: Pediatrics and geriatrics** *AMERICAN JOURNAL OF MEDICINE*  
Shortliffe, L. M., McCue, J. D.  
2002; 113: 55S-66S
- **Prospective study of urinary tract infections and urinary antibodies after radical prostatectomy and cystoprostatectomy** *UROLOGIC CLINICS OF NORTH AMERICA*  
Iwakiri, J., Freiha, F. S., Shortliffe, L. M.  
2002; 29 (1): 251-?
- **Pediatric urinary tract infections** *PEDIATRIC CLINICS OF NORTH AMERICA*  
Chon, C. H., Lai, F. C., Shortliffe, L. M.  
2001; 48 (6): 1441-?
- **Magnetic resonance imaging for the evaluation of hydronephrosis, reflux and renal scarring in children** *JOURNAL OF UROLOGY*  
Rodriguez, L. V., Spielman, D., Herfkens, R. J., Shortliffe, L. D.  
2001; 166 (3): 1023-1027
- **The effects of intravesical lidocaine on bladder dynamics of children with myelomeningocele** *Joint Meeting of the American-Academy-of-Pediatrics Section on Urology/European-Society-for-Paediatric-Urology*  
Lapointe, S. P., Wang, B. Y., Kennedy, W. A., Shortliffe, L. M.  
ELSEVIER SCIENCE INC.2001: 2380-82
- **Evaluation of sonographic renal parenchymal area in the management of hydronephrosis** *JOURNAL OF UROLOGY*  
Rodriguez, L. V., Lock, J., Kennedy, W. A., Shortliffe, L. M.  
2001; 165 (2): 548-551
- **Revealing the spatiotemporal patterns of bacterial infectious diseases using bioluminescent pathogens and whole body imaging.** *Contributions to microbiology*  
Burns, S. M., Joh, D., Francis, K. P., Shortliffe, L. D., Gruber, C. A., Contag, P. R., Contag, C. H.  
2001; 9: 71-88
- **Evaluation and management of pediatric urinary tract infections** *UROLOGIC CLINICS OF NORTH AMERICA*  
Lindert, K. A., Shortliffe, L. M.  
1999; 26 (4): 719-?
- **Progressive renal shrinkage after simple pyelonephritis** *UROLOGY*  
Hansen, M. H., Shortliffe, L. M.  
1998; 52 (5): 893-896
- **Oxybutynin decreases renal pelvic pressures in normal and infected rat urinary tract** *JOURNAL OF UROLOGY*  
Cowan, B. E., Shortliffe, L. M.  
1998; 160 (3): 882-886
- **Magnetic resonance imaging for the evaluation of hydronephrosis, reflux, and renal scarring in children.**  
Rodriguez, L. V., Spielman, D., Herfkens, R. J., Shortliffe, L. M.  
AMER ACAD PEDIATRICS.1998: 874-75
- **Oxybutynin lowers elevated renal pelvic pressures in a rat congenital unilateral hydronephrosis** *JOURNAL OF UROLOGY*  
Fichtner, J., BOINEAU, F. G., Lewy, J. E., Shortliffe, L. M.  
1998; 160 (3): 887-891
- **Multicenter experience with the Mitchell technique for epispadias repair** *JOURNAL OF UROLOGY*  
Zaontz, M. R., Steckler, R. E., Shortliffe, L. M., Kogan, B. A., Baskin, L., Tekgul, S.  
1998; 160 (1): 172-176
- **The urodynamic relationship of renal pelvic and bladder pressures, and urinary flow rate in rats with congenital vesicoureteral reflux** *92nd Annual Meeting of the American-Urological-Association*  
Angell, S. K., Pruthi, R. S., Shortliffe, L. D.  
ELSEVIER SCIENCE INC.1998: 150-56

- **Laparoscopy for the evaluation and management of the nonpalpable testicle** *UROLOGY*  
Merguerian, P. A., Mevorach, R. A., Shortliffe, L. D., Cendron, M.  
1998; 51 (5A): 3-6
- **The use of renal parenchymal area in children with high grade vesicoureteral reflux** *Annual Meeting of the Section-on-Urology, American-Academy-of-Pediatrics*  
Pruthi, R. S., Angell, S. K., Dubocq, F., Merguerian, P. A., Shortliffe, L. R.  
ELSEVIER SCIENCE INC.1997: 1232-35
- **Normal pediatric testis: Comparison of power Doppler and color Doppler US in the detection of blood flow** *RADIOLOGY*  
Barth, R. A., Shortliffe, L. D.  
1997; 204 (2): 389-393
- **Sonographic renal parenchymal and pelvicaliceal areas: New quantitative parameters for renal sonographic followup** *Annual Meeting of the Section on Urology, American-Academy-of-Pediatrics*  
Cost, G. A., Merguerian, P. A., Cheerasarn, S. P., Shortliffe, L. M.  
ELSEVIER SCIENCE INC.1996: 725-29
- **Testicular torsion with contralateral vanishing testis** *UROLOGY*  
Gong, M., GEARY, E. S., Shortliffe, L. M.  
1996; 48 (2): 306-307
- **Outcome analysis of the modified Mathieu hypospadias repair: Comparison of stented and unstented repairs** *Annual Meeting of the Section on Urology, American-Academy-of-Pediatrics*  
Hakim, S., Merguerian, P. A., Rabinowitz, R., Shortliffe, L. D., McKenna, P. H.  
ELSEVIER SCIENCE INC.1996: 836-38
- **Prostate specific antigen releases a kinin-like substance on proteolysis of seminal vesicle fluid that stimulates smooth muscle contraction** *JOURNAL OF UROLOGY*  
Fichtner, J., GRAVES, H. C., THATCHER, K., Yemoto, C., Shortliffe, L. M.  
1996; 155 (2): 738-742
- **PHYSIOLOGICAL FUNCTIONS OF PROSTATE-SPECIFIC ANTIGEN** *12th Symposium for Experimental Urology*  
Fichtner, J., GRAVES, H., Shortliffe, L., Stamey, T.  
GEORG THIEME VERLAG.1995: 58-60
- **THE EFFECT OF PREGNANCY ON RAT URINARY-TRACT DYNAMICS** *JOURNAL OF UROLOGY*  
Hsia, T. Y., Shortliffe, L. M.  
1995; 154 (2): 684-689
- **DISCUSSION** *JOURNAL OF UROLOGY*  
Mesrobian, H. G., Puri, P., Passerini, G., Allen, T., Khoury, A., Diamond, D., Bogaert, G., Peters, C., Kogan, B., Weiss, R., Shortliffe, L., BLYTHE, B., LINN, et al  
1995; 154 (2): 706-707
- **Pediatric genitourinary tumors. Current opinion in oncology**  
JULIAN, J. C., Merguerian, P. A., SHORTLIFFE, L. M.  
1995; 7 (3): 265-274
- **THE MANAGEMENT OF URINARY-TRACT INFECTIONS IN CHILDREN WITHOUT URINARY-TRACT ABNORMALITIES** *UROLOGIC CLINICS OF NORTH AMERICA*  
Shortliffe, L. M.  
1995; 22 (1): 67-73
- **ULTRAFAST CONTRAST-ENHANCED MAGNETIC-RESONANCE-IMAGING OF CONGENITAL HYDRONEPHROSIS IN A RAT MODEL** *Annual Meeting of the Section on Urology of the American-Academy-of-Pediatrics*  
Fichtner, J., Spielman, D., Herfkens, R., BOINEAU, F. G., Lewy, J. E., Shortliffe, L. M.  
WILLIAMS & WILKINS.1994: 682-87
- **BOVINE BLADDER COMPLIANCE INCREASES WITH NORMAL FETAL DEVELOPMENT - DISCUSSION** *JOURNAL OF UROLOGY*  
Wacksman, J., Fichtner, J., Djurhuus, J. C., Atala, A., Shortliffe, L., Khoury, A., Spencer, J., SESSIONS, R. P., Zderic, S., Cilento, B., Hutton, K. A., Snow, B., Chavez, et al



1994; 152 (2): 696-697

- **CONGENITAL UNILATERAL HYDRONEPHROSIS IN A RAT MODEL - CONTINUOUS RENAL, PELVIC AND BLADDER PRESSURES** *Annual Meeting of the Section on Urology of the American-Academy-of-Pediatrics*  
Fichtner, J., BOINEAU, F. G., Lewy, J. E., Sibley, R. K., Vari, R. C., Shortliffe, L. M.  
WILLIAMS & WILKINS.1994: 652-57
- **Biology and treatment of pediatric genitourinary tumors.** *Current opinion in oncology*  
GEARY, E. S., Gong, M. C., SHORTLIFFE, L. M.  
1994; 6 (3): 292-300
- **ENDOSCOPIC BLADDER NECK SUSPENSION FOR TREATMENT OF FEMALE STRESS-INCONTINENCE - THE STAMEY PROCEDURE** *AKTUELLE UROLOGIE*  
Fichtner, J., VOGES, G., Shortliffe, L., Stamey, T.  
1994; 25 (2): R1-R6
- **PRIMARY NOCTURNAL ENURESIS - INTRODUCTION** *CLINICAL PEDIATRICS*  
Shortliffe, L. M.  
1993: 3-4
- **Pediatric genitourinary tumors.** *Current opinion in oncology*  
Fichtner, J., Dairiki Shortliffe, L. M.  
1993; 5 (3): 530-537
- **THE CHARACTERIZATION OF NONBACTERIAL PROSTATITIS - SEARCH FOR AN ETIOLOGY** *JOURNAL OF UROLOGY*  
Shortliffe, L. M., Sellers, R. G., SCHACHTER, J.  
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