Traveling CME

Traveling CME Pediatric Lecture Topics

Date: Upon request
Location: Your practice

Who: Pediatricians, nurse practitioners, physician assistants and other health care providers who treat children

1.0 AMA PRA Category 1 Credit™
Traveling CME: Pediatric Lecture Topics

Faculty

Amira Al-Uzri, M.D.
Professor, Pediatric Nephrology

Erin Anderson, P.N.P.
Instructor, Pediatric Urology

Jessica Bailey, M.D.
Instructor, Emergency Medicine

Lissa Baird, M.D.
Assistant Professor, Pediatric Neurosurgery

Seshadri Balaji, M.D.
Professor, Pediatric Cardiology

Aaron Bayne, M.D.
Professor, Pediatric Urology

Beech Burns, M.D., M.C.R.
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Assistant Professor, Pediatric Hematology/Oncology

Matthew Halsey, M.D.
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Cheryl Hanna, M.D.
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Associate Professor, Plastic and Reconstructive Surgery

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Rebecca Loret De Mola, D.O., M.C.R.
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Henry Milczuk, M.D.
Associate Professor, Pediatric Otolaryngology, Plastic and Reconstructive Surgery

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Lindsey Nicol, M.D.
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Elizabeth Super, M.D., F.A.A.P.
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Thomas Valvano, M.D.
Associate Professor, Pediatrics

John Vetto, M.D., F.A.C.S.
Professor, Surgical Oncology

Craig Warden, M.D., M.P.H., M.S.
Professor, Emergency Medicine

Anna Wilson, Ph.D.
Assistant Professor, Pediatric Psychology

Trisha Wong, M.D., M.S.
Assistant Professor, Pediatric Hematology/Oncology

(Speakers subject to change)
SESSION SELECTION

CARDIOLOGY

Basic EKGs in Pediatrics
*Brendan Kelly, M.D.*
Objectives:
• Identify common rhythm abnormalities on EKG.
• Recognize atrial and ventricular hypertrophy pattern.
• Calculate an accurate QTc.
• Understand EKGs are generally screening tests; result is highly dependent on lead position.
• Understand the limitations of computer interpretation, especially with QTc and ventricular hypertrophy.

Chest Pain, Syncope and Palpitations
*Brendan Kelly, M.D. or Mark Reller, M.D., F.A.A.P.*
Objectives:
• Differentiate benign types of chest pain, syncope and palpitations from those associated with cardiac pathology.
• Describe a logical approach to evaluating chest pain, syncope and palpitations.
• Identify key aspects that should prompt a referral to pediatric cardiology.

Kids Who Faint: What to Do, What Not to Do
*Seshadri Balaji, M.D. or Mary Minette, M.D.*
Objectives:
• Learn the causes of sudden death in children.
• Learn the red flags on history, physical and ECG which would point to risk of sudden death.
• Learn the principles of management of benign (vasovagal) syncope.

Newborn Cardiology in the ER/Urgent Care
*Brendan Kelly, M.D.*
Objectives:
• Review findings that help identify cardiac disease and help decide between cardiac or pulmonary causes.
• Review what we all worry about:
  » Cyanotic heart defects
  » Left heart obstructive lesions
• Review tet spell treatment.
• Describe newborn rhythm abnormalities: When to worry and how to manage.

Newborn Nursery Cardiology
*Brendan Kelly, M.D.*
Objectives:
• Review what we all worry about:
  » Cyanotic heart defects
  » Left heart obstructive lesions
• Describe what can be missed by a fetal echo or ultrasound.
• Review findings that help identify cardiac disease.
• Help decide between cardiac or pulmonary causes.
• Create a differential for different murmurs.
• Identify who needs an echo before discharge.
• Describe newborn rhythm abnormalities: When to worry and how to manage.
• Provide guidelines for follow-up care.

Pediatric Heart Murmurs
*Brendan Kelly, M.D. or Kathryn Holmes, M.D.*
Objectives:
• Understand murmur and heart sound terminology.
• Be able to categorize murmurs and create a DDx.
• Understand the use of some helpful exam maneuvers.
• Identify the key aspects of innocent heart murmurs.
• Identify aspects of murmurs that require cardiology consultation.
**Pulse Oximetry Screening for Heart Disease in Healthy Newborn Infants**  
*Mark Reller, M.D., F.A.A.P.*

Objectives:
- Identify cardiac defects that will be detected by routine pulse oximetry.
- Identify cardiac defects that will not be detected by pulse oximetry.
- Identify the ideal time and level of activity for pulse oximetry screening.

**Screening for Congenital Heart Disease in the Fetus**  
*Erin Madriago, M.D.*

Objectives:
- Learn indications for fetal screening of congenital heart disease.
- Review normal fetal cardiovascular anatomy and physiology.
- Identify abnormal echocardiographic findings of congenital heart disease in the fetus and learn the expected pre- and post-natal courses for those diseases.

**CHILD DEVELOPMENT**

**Autism: Differential Diagnosis**  
*Randall Phelps, M.D.*

Objectives:
- In this era of heightened “autism awareness,” familiarize participants with differential diagnosis for autism and learn about the importance of considering many other common conditions which can impact behavior and development.
- Emphasize the importance of accurate developmental diagnosis in guiding appropriate therapeutic intervention.

**CRITICAL CARE**

**Telemedicine**  
*Miles Ellenby, M.D.*

Objectives:
- Understand how telemedicine increases access to care during life-threatening emergencies, allowing earlier timely involvement of specialists, thus improving outcomes and reducing costs.
- Identify current and future uses for telehealth, including outpatient and in-place monitoring, leading to lower costs from better compliance and earlier intervention.
- Understand the increasing prevalence of mobile and video technologies, allowing better data transmission for both acute and chronic care situations.

**DERMATOLOGY**

**Melanoma in the Pediatric Population**  
*John Vetto, M.D., F.A.C.S.*

Objectives:
- Know the standards of care for the treatment of primary “adult” melanoma.
- Describe at least two controversies surrounding pediatric melanoma.
- Know the potential role for FISH and CGH in the management of pediatric melanoma.

**EMERGENCY MEDICINE**

**Pediatric Emergencies in the Office Setting: Approach and Initial Management**  
*Beech Burns, M.D., M.C.R.; Craig Warden, M.D., M.P.H., M.S.; Matt Hansen, M.D., M.C.R.; David Sheridan, M.D. or Jessica Bailey, M.D.*

Objectives:
- Recognize signs of critical illness in children and review mechanisms for expedited care.
ENDOCRINOLOGY

Growth
Cheryl Hanna, M.D. or Lindsey Nicol, M.D.
Objectives:
• Be able to distinguish between failure to thrive and failure to grow.
• Understand factors affecting growth at different stages of development.
• Know when and how to work up a child with short stature.
• Recognize features of growth hormone deficiency.
• Understand indications for growth hormone therapy.

Growth Disorders
Lindsey Nicol, M.D.
Objectives:
• Recognize signs of an endocrinopathy on a growth chart.
• Understand the utility and pitfalls of a bone age.
• Review the parameters of normal growth patterns.

Outpatient Management of Type 1 Diabetes
Cheryl Hanna, M.D.
Objectives:
• Be able to define goals in diabetes management.
• Understand basal bolus insulin regimens and how to adjust doses.
• Know what to do when things fall apart with blood sugar control.
• Understand new technologies for diabetes management.

Puberty: Too Soon or Too Late
Cheryl Hanna, M.D.
Objectives:
• Know the normal range for onset of puberty in girls and boys.
• Understand the differences between precocious puberty and premature thelarche and premature adrenarche and how to evaluate.
• Understand the causes of delayed puberty.

FAMILY MEDICINE – HEALTHY LIFESTYLES

Management of the Obese Child
Natasha Polensek, M.D., F.A.A.P.
Objectives:
• Employ best practice guidelines for health risk assessment and lab evaluation.
• Employ motivational interviewing techniques to help children and their families adopt healthier habits.
• Find opportunities for community engagement and use of community resources.

GENERAL PEDIATRICS

Car Seats 202: What You Still Don’t Know About Child Passenger Safety
Ben Hoffman, M.D.
Objectives:
• Discuss basic principles of child passenger safety (CPS) science including: epidemiology, physics, anatomy and physiology of children and crash dynamics.
• List five ways car safety seats help prevent injury to children.
• Discuss best practice recommendations for appropriate child passenger restraint.
• Identify and access CPS resources in your community, including for children with special health care needs.
Consent and Confidentiality in Adolescent Health Care
Melissa Weddle, M.D., M.P.H., F.A.A.P.
Objectives:
• Describe the medical rationale for confidentiality and consent in adolescent health care.
• Identify Oregon laws specific to health care for minors.
• Identify potential threats to confidentiality.
• List situations where confidentiality is limited.

Early Literacy Promotion (Reach Out and Read)
Ellen Stevenson, M.D., M.P.H., F.A.A.P.
Objectives:
• Review the importance of early literacy.
• Discuss methods and models for integrating literacy promotion into primary care.
• Identify age and developmentally appropriate books for children that can be used during health supervision visits.

Newborn Care: What’s New?
Carrie Phillipi, M.D., Ph.D.
Objectives:
• Describe the evidence for currently recommended newborn screening (metabolic, hearing, pulse oximetry, bilirubin) during the birth hospitalization.
• Demonstrate knowledge of evidence-based interventions for newborns (state-mandated interventions, breastfeeding).

Over-the-Counter Intelligence: An Evidence-Based Approach to OTC Medications for Children
Ben Hoffman, M.D.
Objectives:
• Describe the natural history of a viral upper respiratory infection.
• Describe the components of OTC medications and discuss what we actually know about OTC medications in children.
• Discuss limiting the use of OTC medications.

Primary Care Magic: Changing Toxic Stress into Tolerable Stress
Tamara Grigsby, M.D.
Objectives:
• Define and distinguish toxic stress vs. tolerable stress.
• Understand that early exposure to toxic stress results in altered physiologic responses and immune function.
• Explore the role of the medical home in managing care of children at risk for medical neglect.
• Be familiar with “protective” factors that moderate risk of child maltreatment.

Safe Sleep: Where Policy and Practice Collide
Tamara Grigsby, M.D.
Objectives:
• Define and distinguish the acronyms: SUID, SIDS and ASSB.
• Discuss the hazards of “Third Hand Smoke.”
• Consider culturally sensitive common language: “Face Up, Face Clear, Smoke-Free with your Baby Near!”

Sexual Abuse and Assault Evaluation
Thomas Valvano, M.D. or Tamara Grigsby, M.D.
Objectives:
• Learn how to address sexual abuse concerns raised during an office visit.
• Review physical examination techniques. Review forensic evidence collection guidelines.
• Learn anticipatory guidance for sexual abuse prevention.
HEMATOLOGY/ONCOLOGY

Bleeding Disorders in Teenaged Girls
Kristina Haley, D.O.
Objectives:
• Describe clinical and historical clues that suggest an underlying bleeding disorder.
• Create an initial bleeding disorder screening plan.
• List common management options for menorrhagia.

Bone Marrow Transplantation: Basics for the General Pediatrician
Eneida Nemecek, M.D., M.S. or Evan Shereck, M.D.
Objectives:
• Understand the indications for bone marrow transplantation (BMT) in children and adolescents.
• Understand general concepts about BMT including stem cell sources, transplant process and potential complications.
• Understand guidelines for long-term care of BMT patients.

Cancer in Adolescents and Young Adults
Lara Davis, M.D.
Objectives:
• Review epidemiology of cancer in adolescents and young adults (AYAs).
• Recognize role of primary care physician in diagnosis, treatment and survivorship.
• Identify national standards for the care of AYAs with cancer.

Childhood Acute Lymphoblastic Leukemia (ALL): Almost a 90 Percent Cure Rate Now
Linda Stork, M.D.
Objectives:
• Gain an appreciation for the heterogeneity of childhood ALL, current ALL risk classification and risk-adapted therapy — acute and long-term side effects.

Childhood Cancer Survivorship Issues for the Primary Provider
Susan Lindemulder, M.D.
Objectives:
• Identify late effects common in children who are survivors of childhood cancer and stem cell transplant.
• Know how to screen patients for common late effects of treatment.
• Identify resources available to aid providers in screening for late effects.

Diagnosis and Management of Children with Primary Immunodeficiency
Eneida Nemecek, M.D., M.S. or Evan Shereck, M.D.
Objectives:
• Understand the basic biology and classification of primary immunodeficiencies.
• Understand the basics of diagnosis of primary immunodeficiencies, including newborn screening.
• Understand general concepts in the management of primary immunodeficiencies, including prompt referral.

General Hematology
Kristina Haley, D.O.; Trisha Wong, M.D., M.S.; or Michael Recht, M.D., Ph.D.
Objectives:
• Describe the common presenting symptoms, necessary workup and treatment of ITP.
• Discuss common causes of microcytic anemia.
• Determine what about a CBC should prompt a phone call or referral to a subspecialist.
Hemophilia and New Therapy Options, Including Gene Therapy

Michael Recht, M.D., Ph.D.

Objectives:
• Understand the inheritance and pathophysiology of hemophilia.
• Understand therapeutic options to treat and prevent bleeding in hemophilia.
• Understand the preliminary results of gene therapy for hemophilia.

Presentation of Cancer in Adolescents and Young Adults (AYAs)

Susan Lindemulder, M.D.

Objectives:
• Learn who the AYAs are and the cancers they are at risk for.
• Discuss the twofold meaning of the survival gap in the AYAs.
• Understand what you can do for AYAs as a primary care provider.

Sickle Cell Anemia

Trisha Wong, M.D.

Objectives:
• Give update on disease mechanisms contributing to sickle cell disease and its complications.
• Review common complications of sickle cell disease in children.
• Discuss how the primary care physician and subspecialist can work together to maximize quality and quantity of life.

Umbilical Cord Donation: Guidelines for Primary Care Providers

Eneida Nemecek, M.D., M.S. or Evan Shereck, M.D.

Objectives:
• Understand the basics of the use of cord blood as a source of stem cells in bone marrow transplantation.
• Understand the cord blood donation process.
• Understand national guidelines and recommendations for cord blood donation.

HEPATOLOGY

Pediatric Liver Disease

Yasemen Eroglu, M.D.

Objectives:
• Understand evaluation of abnormal liver tests, the approach to common pediatric liver diseases, and care for a child with liver disease.

NEPHROLOGY

An Approach to Children with Hematuria and Proteinuria

Amira Al-Uzri, M.D. or David Rozansky, M.D., Ph.D.

Objectives:
• Understand the common causes of pediatric hematuria or proteinuria.
• Initiate a workup for a presentation of hematuria and/or proteinuria.
• Recognize and refer serious conditions associated with these presentations.

Childhood Hypertension

Sandra Iragorri, M.D., Randall Jenkins, M.D. or David Rozansky, M.D., Ph.D.

Objectives:
• Demonstrate the proper blood pressure measurement technique.
• Distinguish the five basic definitions of hypertension.
• Recall the epidemiology and etiology of pediatric/adolescent hypertension.
• Formulate a pediatric hypertension workup.
• Compose a patho-physiology- based treatment approach.

Neonatal Hypertension

Randall Jenkins, M.D.

Objectives:
• Describe the most common types of hypertension in the neonate.
• Describe several common mechanisms of neonatal hypertension.
• Develop a basic strategy for evaluation and treatment of neonatal hypertension.
NEUROLOGY

Marijuana and Pediatric Seizures: Is There a Role?
Colin Roberts, M.D.
Objectives:
• Understand the scope of past and recent interest in cannabinoid therapies for epilepsy.
• Review the limited data regarding the human endocannabinoid system and epilepsy.
• Identify opportunities for epilepsy therapy and collection of clinical data regarding these therapies.

NEUROSURGERY

Advances in Pediatric Neurosurgery
Lissa Baird, M.D. or Nathan Selden, M.D., Ph.D., F.A.C.S., F.A.A.P.
Objectives:
• Identify indications for neurosurgical referral in children.
• Understand uses of modern imaging and computer navigation.
• Learn how to best counsel children and parents about expectations for neurosurgical referral and treatment.

Common Pediatric Spine Problems
Christina Sayama, M.D.
Objectives:
• Introduction to common spinal problems in which to refer to pediatric neurosurgery.
• Identify which imaging modality is best for work-up prior to referral.
• Understand treatment options for common pediatric spinal problems.

Synostosis and Skull Deformity
Nathan Selden, M.D., Ph.D., F.A.C.S., F.A.A.P.
Objectives:
• Differentiate positional plagiocephaly from synostosis.
• Identify the optimal ages for neurosurgical referral.
• Understand the latest treatment options and programs.

Tethered Spinal Cord and Chiari Malformation
Lissa Baird, M.D. or Nathan Selden, M.D., Ph.D., F.A.C.S., F.A.A.P.
Objectives:
• Identify common clinical presentations of tethered cord and Chiari I malformation.
• Identify common skin and skeletal markers of dysraphism.
• Understand indications for imaging and neurosurgical referral.

Traumatic Brain Injury (TBI) in Pediatrics
Lissa Baird, M.D. or Nathan Selden, M.D., Ph.D., F.A.C.S., F.A.A.P.
Objectives:
• Identify the causes and manifestations of traumatic brain injury in children.
• Learn the latest recommendations for TBI management.
• Discuss the prognosis after various degrees of TBI.
NEURO-ONCOLOGY

Pediatric Brain Tumors: Presenting Signs and Symptoms
Rebecca Loret De Mola, D.O., M.C.R. or Kellie J. Nazemi, M.D.
Objectives:
• Review common presentations for pediatric brain tumors.
• Review unique presentations for certain pediatric brain tumors.
• Describe key components of the neurologic exam in patients with headaches, and the indications for neuroimaging.
• Describe the trans-disciplinary expertise and resources for brain tumor patients at Doernbecher.

Treatment Principles for Pediatric Brain Tumors
Kellie J. Nazemi, M.D.
Objectives:
• Review both common and unique presentations for pediatric brain tumors.
• Describe key components of the neurologic exam in patients with headaches, and the indications for neuroimaging.
• Describe the trans-disciplinary expertise and resources for brain tumor patients at Doernbecher.

Early Onset and Adolescent Scoliosis
Matthew Halsey, M.D. or James Chesnutt, M.D.
Objectives:
• Describe early clinical manifestations and natural history of scoliosis in the young child and adolescent.
• Describe the importance of screening for scoliosis.
• Understand the common treatment modalities for adolescent and early-onset idiopathic scoliosis.
• Understand observation, bracing, casting and surgery.
• Manage the early phases of adolescent idiopathic scoliosis.
• Understand the points at which referral to a scoliosis specialist is appropriate for any child or adolescent.

OTOLARYNGOLOGY

Acute Otitis Media: To Treat or Not to Treat?
Henry Milczuk, M.D.
Objectives:
• Understand the current guidelines for treatment of otitis media in children.
• Understand the impact of hearing loss on speech development.
• Recognize complications of otitis media and treatment options.

PLASTIC SURGERY/CRANIOFACIAL SURGERY

Cleft and Craniofacial Myth Busters
Anna Kuang, M.D., F.A.C.S.
Objectives:
• Understand coordinated care and multidisciplinary approach to craniofacial disorders, and the range of craniofacial disorders and anomalies.
• Understand timing and series of surgeries with regard to cleft lip/palate surgery.

ORTHOPAEDICS

Common Pediatric Playground and Overuse Injuries
Matthew Halsey, M.D. or James Chesnutt, M.D.
Objectives:
• Identify the most common stable and unstable fracture patterns in children.
• Differentiate those patients with acute injuries that can be managed by the primary care provider versus those that should be referred to an orthopedist.
• Identify and manage common overuse injuries in the child and adolescent.
Misshapen Head – Is This Craniosynostosis?
Anna Kuang, M.D., F.A.C.S.
Objectives:
• Understand the role of assessment of shape and size of head, clinical assessment and diagnosis of positional plagiocephaly, and the role of neck and torticollis in positional plagiocephaly.

PSYCHIATRY
Anxiety Disorders in Children and Adolescents
Keith Cheng, M.D. or Kyle P. Johnson, M.D.
Objectives:
• Describe the symptoms and behaviors associated with pediatric anxiety disorders.
• Review how to assess for anxiety disorders in children and adolescents including commonly used screening instruments.
• Review evidence-based treatments for pediatric anxiety disorders.

Major Depressive Disorder in Children and Adolescents
Keith Cheng, M.D. or Kyle P. Johnson, M.D.
Objectives:
• Describe symptoms and behaviors associated with pediatric major depressive disorder.
• Review the differential diagnosis for pediatric depression and the epidemiology of pediatric major depressive disorder.
• Review evidence-based treatments for pediatric major depressive disorder.

SLEEP DISORDERS
Insomnia
Elizabeth Super, M.D., F.A.A.P.
Objectives:
• Understand classifications of behavioral insomnia of childhood and behavioral techniques to treat it.
• Know drug classes and mechanisms for hypnotics used off-label for adjunctive treatment of pediatric insomnia.

Obstructive Sleep Apnea
Elizabeth Super, M.D., F.A.A.P.
Objectives:
• Understand evidence-based guidelines for evaluation of pediatric OSA.
• Know the complications of untreated pediatric OSA (growth, cardiovascular, neurocognitive).
• Be familiar with pediatric populations at increased risk for OSA.

PSYCHOLOGY
Assessment and Treatment of Pediatric Chronic Pain
Anna Wilson, Ph.D.
Objectives:
• Recognize pediatric patients with chronic pain conditions.
• Assess areas of pain-related disability in patients.
• Determine when to refer patients to additional pain management services.
• Identify important psychological factors in pediatric pain.
Sleep Problems in Children with ADHD
Kyle P. Johnson, M.D.
Objectives:
• Describe bi-directional relationship between sleep problems and ADHD-type symptoms and behaviors.
• Describe sleep problems more commonly experienced by children with ADHD.
• Review the assessment of sleep problems in children, including when to refer to a pediatric sleep specialist.

SPORTS MEDICINE
Concussions
James Chesnutt, M.D.
Objectives:
• Understand the frequency of concussion occurrence, the importance of early recognition, diagnosis and proper management cognitive rest, computerized neuropsychological testing and graded return to activity.
• Grasp the frequency with which concussions occur, especially among young female athletes.

Pre-Participation Exam and Cardiac Screening
James Chesnutt, M.D.
Objectives:
• Screen for conditions that may be life-threatening or disabling, especially cardiac issues.
• Screen for conditions that may predispose to injury or illness.
• Understand why a screening ECG is not currently medically recommended.
• Learn how to conduct exams and meet state requirements.
• Be prepared to treat sudden cardiac events.

UROLOGY
Bedwetting: An Overview
Erin Anderson, P.N.P. and Miriam Jaffee, F.N.P.
Objectives:
• Define bedwetting (i.e., nocturnal enuresis).
• Describe who is affected.
• Review past and current treatments.
• Learn helpful hints.

Helpful Hints for Daytime Wetting
Erin Anderson, P.N.P. and Miriam Jaffee, F.N.P.
Objectives:
• Understand the natural course of toilet training.
• Review past and current recommendations for treatment.
• Recognize who needs further testing.

Prenatal Hydronephrosis: Insight into Evaluation and Management
Aaron Bayne, M.D. or Steven Skoog, M.D., F.A.A.P., F.A.C.S.
Objectives:
• Understand which children are in need of early evaluation after birth.
• Understand the difference between lower urinary and upper urinary tract obstruction.
• Understand the role of the fetal kidneys in the amniotic fluid production and its significance with postnatal outcomes.

Reconstructive Urology
Steven Skoog, M.D., F.A.A.P., F.A.C.S.
Objectives:
• Understand the basic principles of genital reconstruction.
• Review basic circumcision and complication and when not to do one.
• Review hypospadias repair.
• Review feminizing genitoplasty for virilized females with congenital adrenal hyperplasia.
The Terrible “T’s”: Toilet Training
Erin Anderson, P.N.P. and Miriam Jaffee, F.N.P.
Objectives:
• Review the natural course of toilet training.
• Develop strategies to help parents.
• Review when to be concerned and when to refer.

Understanding Bladder Infection
Erin Anderson, P.N.P. and Miriam Jaffee, F.N.P.
Objectives:
• Review diagnostic criteria for a urinary tract infection (UTI).
• Review past and current treatment and evaluation recommendations.
• Review the process of sample collection. Discuss risk factors.
• Understand prevention.

Urinary Tract Infection (UTI) and Vesicoureteric Reflux (VUR)
Aaron Bayne, M.D. or Steven Skoog, M.D., F.A.A.P., F.A.C.S.
Objectives:
• Understand risk factors for UTI in children, and the role of bladder management in children with VUR and UTI.
• Understand for whom antibiotic prophylaxis is recommended.
• Understand the limitations of the guidelines for evaluation of children with UTI.

Urodynamic Testing (UDS): It’s Not What You Think
Erin Anderson, P.N.P. and Miriam Jaffee, F.N.P.
Objectives:
• Define urodynamic testing.
• Review who needs urodynamic testing.
• Learn a basic interpretation of urodynamic graphs.

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Credit
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