



The following is a list of medical education topics to consider for your pediatric or family / internal medicine practitioners, or for other specialties who see pediatric or adolescent patients in their practice. Please contact our office at 714-505-4777 or info@speakersnetwork.com if you are interested in scheduling faculty for a virtual meeting on any of these topics.

COVID-19 and Children

- Recognize children with a high probability of PANS or PANDAS syndrome
- Evaluate the evidential basis for treatment
- Acquire new empathy for the suffering endured by afflicted families
- Prepare to assess cultural diversity issues in risk, incidence, prevalence, disease burden, or mortality associated with PANDAS and/or cultural disparities in access, diagnosis at more advanced stages, or less adherence to treatment regimens

Medical Care of Transgender Youth and Young Adults

- Discriminate between gender identity, gender expression and sexual attraction
- Identify how gender identity presents clinically in childhood and adolescence
- Briefly describe available medical interventions for youth and young adults with gender dysphoria

Acute Flaccid Myelitis (AFM): Vaccine Refusal

- Summarize the epidemiology and pathophysiology of AFM
- Identify individuals who are at risk for AFM
- Vaccinate patients to prevent AFM
- Recognize the clinical presentation of AFM in children, and employ appropriate treatment options
- Educate patients and address their concerns about vaccinations, while maintaining a culturally sensitive approach

Speech Delay/ Hearing Impairment

- Define current standards and timeline for pediatric hearing loss identification
- Define current standards and timeline for pediatric hearing loss fittings
- Explore current research supporting benefits of early identification, treatment, and intervention
- Identify speech and language ranges, and know when to make a referral
- List types of treatment and candidacy criteria

Opioid Use in Pediatric Populations

- Describe the history of the opioid epidemic in the United States
- Understand how pediatric surgical populations are particularly at risk
- Describe how overall access to healthcare impacts the opioid epidemic

Pediatric Vaccinations

- Address patients' concerns about vaccinations, correcting misconceptions and providing adequate information on evidence-based benefits and risks
- Cite public health concerns faced with the increased trend of vaccination exemptions
- Follow the current recommendations for immunizations
- Navigate patients' cultural beliefs concerning vaccinations and address concerns as they arise

Periodic Fever and Autoinflammatory Syndromes in Children

- Recognize the clinical manifestations of the various periodic fever-autoinflammatory syndromes
- Gain knowledge regarding the genetics and mechanisms of inflammation in these disorders
- Understand the work up to establish diagnosis, and the treatment

Diagnostic Dilemma: Child Abuse or Not?

- Provide the medical and legal definitions including categories of child abuse
- List reported and estimated overall frequency of all forms of child abuse
- Identify the current recommendations for medical evaluation of physical abuse
- Know the reported frequency of positive findings in physical abuse evaluations
- Describe the role and importance of the medical evaluation to the overall investigative process

Understanding Pediatric Inflammatory Conditions: Pediatric Toxic Shock Syndrome, Kawasaki Disease and Now: Coronavirus Disease 2019 (COVID-19) Multisystem Inflammatory Syndrome in Children

1. *Toxic Shock Syndrome (TSS):*
 - Explore the epidemiology and risk factors for pediatric toxic shock syndrome (TSS)
 - Review etiological causes for TSS and how presentations can vary
 - Discuss criteria for the diagnosis of TSS
 - Highlight mainstay of treatment and clinical outcomes
2. *Kawasaki Disease (KD):*
 - Clinical Features and Criteria for Diagnosis
 - AHA Guidelines for Supplemental Criteria for Diagnosis
 - Epidemiology of KD
 - Other Presentations: Kawasaki Shock Syndrome
 - Working Hypothesis for Etiology
 - Treatment and Management of KD
3. *COVID-19 Multisystem Inflammatory Syndrome in Children (MIS-C)*
 - How does MIS-C differ from Kawasaki Disease
 - Epidemiological and Clinical features of MIS-C
 - Management of patients that meet criteria for MIS-C
 - Potential Mechanisms and Future Predictions

Cognitive Evaluation and Therapy of Children

- Integrate cognitive assessment into physical exams
- Recognize when patient needs additional therapy and refer to a specialist
- Assess how cultural factors may impact children's physical, mental, social, and emotional development

Pertussis

- Describe the epidemiology of pertussis in infants
- Recognize the efficacy of various vaccinations
- Enumerate vaccine benefits

Neonatal Sepsis

- Incorporate current recommendations for obstetrical and neonatal approach to prevention and treatment of newborns at risk for early onset sepsis
- Integrate early onset sepsis calculator in differentiating relative risk and need for newborn antimicrobial treatment
- Recognize limitation of laboratory testing in newborns at risk for early onset sepsis
- Compare and contrast risks and pathophysiology of early onset sepsis from late onset sepsis

Pain & Fear: A Mechanistic link to sickle vaso-occlusion

- Understand the major complications of sickle cell disease and the mechanism of organ damage
- Understand the complex factors involved in sickle cell pain crisis and the importance of distinguishing nociceptive pain and neuropathic pain and role that narcotics play in making pain worse.
- Understand current new treatments in SCD including curative approaches.

Pediatric Pain Management

- Review assessment of pain in pediatric patients
- Review diagnostic and therapeutic elements of multidisciplinary pain management in pediatric patients, and new developments in the field
- Primary care providers and pediatric pain; Creating a team approach to care of the pediatric pain patient

Autoimmune Disease in Children

- Recognize the autoimmune conditions developing in children
- Achieve an early diagnosis with careful physical examination and thorough medical history
- Formulate treatment plan for patients appropriately and timely
- Recognize and address the gender, and age, health disparities in autoimmune diseases

Metabolic Disorder in Children

- Demonstrate an awareness of the definition and epidemiology of obesity
- Perform appropriate clinical assessment and management of the obese patient
- Apply evidence-based therapies and treatment goals: diet, lifestyle, and pharmacologic therapies
- Consider how culture, ethnicity, socioeconomics, and age impact the management of these patients

Update on Long-Acting Reversible Contraceptive (LARC) in Adolescents

- Describe the various LARC methods that are currently available and indications for their use
- Explain the unique issues facing adolescents when considering LARC methods for contraception
- Describe changes to provider counseling guidelines to prevent contraceptive coercion

Adolescent Gynecology: What makes teens so different – and so difficult?

- Describe the developmental approach to adolescent gynecological problems
- Identify common gynecological problems in teens
- Recognize and be prepared to address the effects of trauma on adolescent patients

Meet Me at the Rave- Club Drugs of Abuse

- Describe the clinical effects of newer drugs of abuse
- List the various street names of these agents
- Develop a focused treatment plan of each of these agents
- Become familiar with "research chemicals"

Common Sports Medicine and Orthopedics

- Have a basic understanding of rehabilitation after sports injury.
- Understand the major orthopedic injuries to hip, knee, ankle and foot.
- Be able to examine hip, knee, ankle and foot.
- Describe common injuries to shoulder, elbow, wrist and hands.
- Identify high-risk injuries of upper extremity.
- Describe how to provide initial treatment and know when to refer

Sexually Transmitted Diseases

- Follow current screening and testing recommendations for common sexually transmitted diseases (STDs)
- Employ preventive mechanisms for STDs including HPV vaccine guidelines
- Utilize the current and most effective treatment protocols available and CDC standards
- Improve communication and counseling with patients for STD prevention, especially with high- risk groups

A Practical Approach to Recognizing and Managing Child Maltreatment

- Learn the important clinical features present in children who are victims of inflicted injuries
- Develop a management plan for victims of child maltreatment
- Understand the legal issues involved in child abuse

Cancer in Children: Diagnosis and Treatment

- List the most common pediatric cancers and their prevalence
- Describe the prognosis for common pediatric cancers
- Recognize the common side effects of treatment of cancer and the long term side effects of curative therapy
- Identify some of the novel therapies now being used for treatment failures in childhood cancer
- Cite the prevalence of cancer by ethnicity, and take into consideration patients' cultural preferences

Celiac Disease and Gluten Sensitivity: Fact vs. Myth

- Recognize the intestinal and extra-intestinal manifestations of celiac disease
- State how gluten sensitivity and wheat allergy differ from celiac disease
- Discuss what is safe to eat on a gluten free diet

Leukemia in Children

- Recognize the presentation of leukemia in infants and children
- Identify the treatment paradigms of childhood leukemia
- Document the changes in survival of childhood leukemia during the last 50 years
- Recognize the common side effects of treatment of leukemia and the long term side effects of curative therapy
- Identify some of the novel therapies now being used for treatment failures in childhood leukemia
- Cite the prevalence of leukemia by ethnicity, and take into consideration patients' cultural preferences

Bullying and School Violence

- Differentiate between teasing, rumors, fighting, and bullying at school
- Identify signs that may indicate a child is being bullied
- Cite the long term consequences of bullying
- Describe how physicians can counsel parents/children on a child's victimization

Vaccinations Update and Effective Communication

- Discuss the pros and cons of childhood vaccinations.
- Overcome parents' fear that childhood vaccinations cause autism.
- Learn how to talk to parents about vaccines and provide them with current information on the benefits.

Sudden Cardiac Death in Athletes

- Describe risk of sudden death / acute cardiopulmonary decompensation in athletes and factors that influence risk
- Review current recommendations for pre-participation screening including indications for cardiac referral
- Identify diseases associated with risk of sudden death and identify factors

Visual Diagnosis in Pediatric Dermatology

- Describe presentation and treatment of eczema
- Distinguish the various etiologies of thick skin
- Discuss variations in pigmentation

Current Trends in the Treatment of Depression in Pediatrics

- Perform a differential diagnosis of depressive disorders
- Compare and contrast current ideas regarding the pathogenesis of depression
- Implement principles of disease management in depression, including evidence-based pharmacologic and non-pharmacologic options
- Prescribe medications for depression and counsel patients and/or parents of patients on their relative risks and benefits
- Refer patients appropriately
- Improve communication by navigating cultural barriers, belief systems, and/or challenges communicating with pediatric patients, in order to identify patients at higher risk for depression and suicide