

Technology Learning Center
AAP National Conference & Exhibition
October 27-30, 2007
San Francisco, CA

Networking, Education, and Training Room

The Council on Clinical Information Technology (COCIT) invites you to Technology Learning Center Networking, Education, and Training Room! Our faculty will be available to answer questions and help guide you through whatever IT challenge you are facing. Discussion topics will focus on electronic health records, electronic prescribing, online educational resources, and a host of other topics.

Lectures this year will explain how to use the most current technology at the point of care to improve care and reduce errors. We continue to offer the Pediatric Documentation Challenge™, where you can see first-hand how electronic health records can work in your office.

Saturday, October 27

10:00 am – 12:00 pm

E136 Certified EHRs: A Gold Standard for Functionality and Compatibility

Mark Leavitt, MD

Alan E. Zuckerman, MD, FAAP

Participants will learn the criteria ambulatory and inpatient EHR products must meet for certification; how to use CCHIT and AAP resources in selecting EHR products and features in EHR products important to the pediatric practice including e-prescribing, obtaining medication histories, importing lab results electronically, sharing lab results with hospitals and other providers, reporting data to public health agencies, and providing patients with personal health records.

12:15 – 1:15 pm

E145 Making the Transition to EMR

Alice A. Loveys, MD, FAAP

This session will focus on a real-life example of an office that made the transition from a paper-based system to a fully electronic one. Highlights include change management, workflow transitions, and considerations for introducing new technologies.

1:30 – 3:30 pm

E164 Pediatric Documentation Challenge™, Part I (no CME credit)

Eugenia Marcus, MD, FAAP

Joseph H. Schneider, MD, MBA, FAAP

This is an opportunity for attendees to see several electronic medical records systems in action. A standardized clinical scenario of an encounter in a pediatric office will be presented and enacted. Pediatricians utilizing EMR programs in their office will demonstrate the documentation of the clinical encounter. The scenario is constructed to include all the elements of the special requirements of an EMR for a pediatric office. There will be opportunity for questions and answers.

4:00 – 6:00 pm

E184 Pediatric Documentation Challenge™, Part II (no CME credit)

Eugenia Marcus, MD, FAAP

Joseph H. Schneider, MD, MBA, FAAP

This is an opportunity for attendees to see several electronic medical records systems in action. A standardized clinical scenario of an encounter in a pediatric office will be presented and enacted. Pediatricians utilizing EMR programs in their office will demonstrate the documentation of the clinical encounter. The scenario is constructed to include all the elements of the special requirements of an EMR for a pediatric office. There will be opportunity for questions and answers.

Sunday, October 28

10:00 am – 12:00 pm

E238 Technology in Perspective: EHRs: Are They Ready? Are We Ready?

Kevin Johnson, MD, FAAP

The last 10 years has witnessed a tremendous surge of interest in electronic health record (EHR) technology. This interest has been motivated by a better understanding and improvements to patient safety and quality of care. Pediatric practices have unique requirements that, in part, have stifled the interest of pediatricians in adopting EHRs. This talk will summarize the current state of electronic health records, and the most recent evidence about their alignment with the capabilities and needs of pediatric practices.

This is one of several seminars in the Technology in Perspective series, intended to offer a fresh perspective on accepted and emerging technologies, from an objective point of view. Technology in Perspective sessions will emphasize an evidence-based approach to the adoption and utilization of information technology.

12:15-1:15pm

E248 The Leading Edge: What's New in Technology That You Can Use Today?

Alice A. Loveys, MD, FAAP

This session will highlight examples of voice recognition technology with an example of how one can use it in an actual electronic health record (EHR). We also highlight new “gadgets” and some not so new gadgets that are available for use today or in the near future in your office.

1:30-3:30pm

E249 Multimedia, the AAP, and Your Practice

Dana Braner, MD, FAAP

Tools that provide enhanced health education using interactive multimedia and DVD can vastly improve patient satisfaction and compliance. Learn how to better advise (and impress) patients using today's technology. Provide twice as much health education and medical advice in half the time with cutting-edge, affordable tools you can utilize in your office tomorrow. This session will demonstrate ways to incorporate multimedia into your practice. Understand the basics of digital photography, how it works, benefits, vs traditional (film cameras), and how to select and use digital photography for your practice. This session will also include an update on digital video and a demonstration of available AAP programs. See how new communication technologies in multimedia may affect your practice in the very near future.

4:00 – 6:00 pm

E296 Personal Health Records

Eugenia Marcus, MD, FAAP

Alan E. Zuckerman, MD, FAAP

Personal Health Records (PHR) provide an electronic tool for patients to track and manage their healthcare at home and share data with their physicians during visits. PHR can play an important role in implementing a medical home and coordinating care for children with special needs, as well as improve the safety and quality of routine care for all children. This session will cover options for implementing, and key uses for PHR in pediatric practice. Case studies will be used to illustrate the use of PHR for routine child health maintenance, management of a complex premature infant during the first year of life, and management of a child with ADHD. Case studies will also be used to review the experience of practices that have implemented PHR for their patients. The session will cover policies and technologies for protecting the security, privacy, and post-disaster availability of data in a PHR including the special requirements for adolescents and children in foster care.

Monday, October 29

10:00 am – 12:00 pm

E346 Pediatric Environmental Health Resources on the Internet

Jerome Paulson, MD, FAAP

This seminar is intended to demonstrate techniques for finding specific information on the World Wide Web, using a variety of search strategies and resources. A search for environmental health resources will be used as an example, and specific resources will be identified. This experience will better prepare participants to do similar searching on their own when they return home.

By the end of the session, participants will be able to evaluate environmental health-related WWW documents using criteria discussed in the session; understand some of the limitations of the WWW; use a portal, a search engine, and other types of search systems to maximize effective Web searching; and utilize some of the more important Web sites related to children's health and the environment.

This session is jointly sponsored with the Nexus on Environmental Health.

1:30 – 3:30 pm

E374 Technology in Perspective: Free EMR and E-Prescribing – Get More Than You Pay For?

Alice A. Loveys, MD, FAAP

Eugenia Marcus, MD, FAAP

Increasingly, software is being provided more as a service than a product. Sophisticated software is now available free from companies such as Google, Zoho, Trend Micro, and many others. EMR and E-Pharmacy services are also available online for little or no cost. Other companies are offering "free" software in exchange for ownership of the aggregate data from the EMR. This session will explore the risks and benefits of using these services in your practice, and address the actual costs involved in implementing free software. We will examine who is actually paying the bill, and how this may affect our practices in the future.

4:00 – 6:00 pm

E394 Telemedicine for Pediatrics

Christoph U. Lehmann, MD, FAAP

Providing care to children often requires the use of consultants. Sending patients to consultant offices is time consuming and stressful for parents and children and is often associated with failure to keep appointments and poor communication between primary provider and specialist. Several specialties that are image driven such as dermatology, pathology, and radiology may offer telemedicine consultations. The session will discuss evidence on telemedicine, current payment structures, and legal issues including licensure and liability. It will offer insight for the primary care provider into how to establish a successful telemedicine partnership with medical centers.

Tuesday, October 30

10:00 am – 12:00 noon

E430 Digital Photography in the Office

Christoph U. Lehmann, MD, FAAP

Alice A. Loveys, MD, FAAP

A picture is worth a thousand words. Did you know having the patient's picture in their chart can improve the quality of care? With more physicians in large groups, what better way to communicate with your partners than a digital photograph? This session will show clinical examples where a picture has improved the quality of patient care. The session will also review uploading of pictures into an electronic medical record. We will have an example of a digital camera that has been adapted for easy use in the office to make taking pictures foolproof.

12:15 – 1:15 pm

E454 Immunization Registries

Stuart T. Weinberg, MD, FAAP

Sparked in part by the 1989-1990 measles epidemic, the push for the development of regional immunization registries began in the early 1990's. Fifteen years later, how far have we come? This session will summarize the latest information on current registries - where and how they are being used, what lessons have been learned, and what obstacles remain for successful implementations among public and private health providers.

1:30 – 3:30 pm

E455 Digital Communication

S. Andrew Spooner, MD, MS, FAAP

Digital communication used to be all about email. It's gotten a lot more complicated: Email must be secured, for one thing. And there are many other ways to communicate: Blogs, text messaging, wikis, podcasts, and various other features of the "Web 2.0" environment. This talk offers a primer on digital communication for the 21st century.

4:00 – 6:00 pm

E471 Where To Find It? PubMed and Other Sources of Medical Information

Kay Deeney

Julie Kwan

This session will show attendees how to use the features of the National Library of Medicine's PubMed effectively with an emphasis on MEDLINE. Attendees will be able to describe the contents of PubMed; formulate basic search strategies; display, print, and save results in various formats; revise and refine searches; and use special features such as Related Articles, Link to journals, Citation Matcher, and Clinical Queries. The instructor will demonstrate online searches on a live system.

This session will also hone clinical searching techniques and the ability to develop search strategies that will take advantage of the PubMed interface to MEDLINE. The course will explore various methods for searching the PubMed system. Topics covered include using MeSH and search qualifiers, limiting search results, and refining your search. This course will provide an in-depth view of the system and demonstrate utilizing the features of PubMed and Clinical Trials.gov to search effectively.

The National Library of Medicine has provided faculty for us for many years, and the speakers are excellent. This session will make it worth staying to the end of the meeting!