

Join us for the 6th Annual Cochlear Implant Symposium and 3rd Annual ANSD Training Course

October 4-5, 2010

Nemours/Alfred I. duPont Hospital for Children
Wilmington, Delaware

About The Symposium: Nemours Biomedical Research is committed to advancing the practice of pediatric medicine through research. We host a continuing series of educational symposia to provide scientists, engineers, clinicians, and interested members of the public opportunities to meet and discuss advanced concepts and technologies directed toward improving health care for children. This year's focus will be on implanting the malformed inner ear. A satellite workshop on auditory neuropathy spectrum disorder (ANSD) on October 4, 2010 will precede the symposium with the aims of training professionals in the diagnosis and management of ANSD.

Cancellation Policy: A full refund will be given for written cancellations received before September 24, 2010. No refunds will be given after that date. The hospital is not responsible for any cancellation or change fees assessed by airlines, hotels or travel agencies.

Americans with Disabilities Act: In accordance with the Americans with Disabilities Act, the Nemours/Alfred I. duPont Hospital for Children will provide modifications in teaching methodologies to accommodate individual needs. To request disability accommodations, contact us at least 15 days in advance of the program 302-651-6839.

Disclosure: As a provider accredited by the ACCME, Nemours must ensure balance, independence, objectivity and scientific rigor in its education activities. All faculty involved in the development of CME content are required to disclose to Nemours their relevant financial relationships. An individual has a relevant financial relationship if he/she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or service are discussed in the CME activity content over which the individual has control. Nemours has policies in place to resolve potential financial conflicts of interest. Relevant financial relationships will be disclosed to the activity audience.

Educational Grants: This course is supported in part by educational grants in accordance with ACCME Standards. Supporters and exhibitors will be disclosed during the conference.



MONDAY, OCTOBER 4, 2010 | 3RD FLOOR LECTURE HALL

- 8:15 Registration & Continental Breakfast
- 8:45 Welcome & Opening Comments: Thierry Morlet, PhD
Head, Auditory Physiology and Psychoacoustics Research Laboratory
Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE
- 9:00 Physiology of Hearing – Introduction to ANSD
Charles I. Berlin, PhD – Research Professor, Otolaryngology, Head and Neck Surgery
University of South Florida, Tampa, FL
- 9:45 Diagnosis of ANSD – OAE, ABR, ASSR and Cortical Responses in ANSD
Linda J. Hood, PhD, Professor, Department of Hearing and Speech Sciences
Vanderbilt University, Nashville, TN
- 10:30 Break / Equipment Demos
- 11:00 Speech Perception in ANSD
Thierry Morlet, PhD
- 11:30 Vestibular and Balance Testing in Children with ANSD
Emily Zwicky, AuD, CCC-A – Pediatric Audiologist & Vestibular Team Coordinator
Alfred I duPont Hospital for Children, Wilmington, DE
- Noon Lunch: Classrooms 2 & 3
- 1:00 Management of ANSD in Infants, Children and Adults.
Recommendations and Experience Regarding Hearing Aids,
FM Systems and Cochlear Implants Charles I. Berlin, PhD
- 2:00 Hands-on practice: OAEs, MEMRs, ABRs and Cortical Responses
for screening and diagnosis
- 3:30 Presentation of Cases. Patient Variations and Changes Over Time
Charles I. Berlin, PhD, Linda J. Hood, PhD and Thierry Morlet, PhD
- 4:30 Final Comments / Questions / Evaluations

TUESDAY, OCTOBER 5, 2010 | 3RD FLOOR LECTURE HALL

- 8:15 Registration / Continental Breakfast
- 8:45 Welcome / Opening Comments: Robert C. O'Reilly, MD
Chief, Division of Pediatric Otolaryngology
Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE
- 9:00 From Introns to Inner Ear Malformations
Ivan J. Keogh, MD, FRCS – Consultant Otolaryngologist Head & Neck Surgeon
University College Hospital Galway, National University of Ireland Galway, Ireland
- 10:00 Break / Equipment Demos
- 10:30 Hearing Loss Associated with Enlargement of the Vestibular Aqueduct
Andrew J. Griffith, MD, PhD – Director, Division of Intramural Research, NIDCD
National Institute of Health, Rockville, MD
- 11:30 Auditory and Vestibular Characteristics of Children with Enlarged Vestibular Aqueduct: the A.I. duPont experience
Christopher R. Grindle, MD – Fellow, Division of Pediatric Otolaryngology
Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE
- 12:30 Lunch: Classrooms 3 & 4
- 1:30 Surgical Issues in Implanting the Malformed Inner Ear
Anil K. Lalwani, MD, FACS – Professor of Otolaryngology, Pediatrics, and Physiology & Neuroscience
New York University School of Medicine, New York, NY
- 2:30 Clinical Management of Implanted Children with Malformed Inner Ear: The Audiologist Perspective
Gina Goulding, MCIsc, Reg. CASLPO, AuD – Audiologist
The Hospital for Sick Children, Toronto, Ontario, Canada
- 3:30 Final Comments

CPASS

Nemours Center for Pediatric Auditory & Speech Sciences

CPASS at Alfred I. duPont Hospital for Children is dedicated to translational research in audiological and speech sciences to advance the practice of pediatric health care in related areas while simultaneously advancing the underlying science.

Four laboratories comprise CPASS: the Auditory Physiology and Psychoacoustics Laboratory headed by Thierry Morlet, PhD; the Cranio-facial Outcomes Research Laboratory headed by Linda Vallino, PhD; the Pediatric Balance and Vestibular Disorders Laboratory headed by Robert O'Reilly, MD, FACS; and the Speech Research Laboratory headed by Timothy Bunnell, PhD.

Individually and together, these laboratories provide strong clinical ties to the duPont Hospital Cleft Palate Clinic, Vestibular Disorders Program, Cochlear Implant Program and Speech Therapy Program. Our Hearing-Related Clinical and Research Programs Include:

Cochlear Implant and Auditory Rehabilitation Program

Dedicated to helping each child achieve the best hearing possible, whether this is through the use of hearing aids or a cochlear implant. Our multi-disciplinary team includes specialists with skills in the areas of otolaryngology, otology, audiology, speech/language pathology, education of the deaf, behavioral pediatrics, and neurocognitive studies.

Auditory Physiology and Psychoacoustics Research Laboratory

Research at the Auditory Physiology and Psychoacoustics Laboratory focuses on the development of various parts of the auditory system in normal children and children with hearing and vestibular impairments through various collaborations with clinical departments at Nemours.

Auditory Neuropathy Spectrum Disorder (ANSD) Program

Auditory Neuropathy Spectrum Disorder affects approximately 10 – 15% of children diagnosed with sensorineural hearing loss. Our program targets diagnosis, treatment and research in the area of ANSD and allows us to better respond to the needs of the children with ANSD. This program enhances our ability to conduct research on this disorder and develop effective treatment strategies for optimal outcomes.

CME Accreditation: Nemours is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Nemours designates this educational activity for a maximum of 5.0 *AMA PRA Category 1 Credits™* for Tuesday, October 5, 2010.

Physicians should only claim credit commensurate with the extent of their participation in the activity. The Delaware State Board of Nursing accepts *AMA PRA Category 1 Credits™* for nursing licensure contact hours. No CMEs are offered for Monday, October 4, 2010.

LEARNING OBJECTIVES

MONDAY, OCTOBER 4, 2010

- Describe three auditory characteristics of patients presenting with Auditory Neuropathy Spectrum Disorder;
- List two tests required for the diagnosis of Auditory Neuropathy Spectrum Disorder in infants and children;
- Describe two different options available for the management of Auditory Neuropathy Spectrum Disorder in infants and children.

TUESDAY, OCTOBER 5, 2010

- Describe common malformations of the inner ear;
- Employ better management strategies in children with inner ear malformation that can lead to improved hearing and vestibular function;
- Discuss issues in cochlear implantation of children with inner ear malformation and potential outcomes.



A.I. duPont Hospital for Children is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

These courses are offered for 0.6 ASHA CEUs (Advanced level; Professional area) for Oct. 4 and 0.5 ASHA CEUs (Advanced level; Professional area) for Oct. 5.

REGISTRATION FORM DETACH AND RETURN BY SEPTEMBER 24, 2010 OR REGISTER ONLINE AT <https://www.medsci.udel.edu/symposia>

Name: _____

Facility/Employer/Practice: _____

Title: _____

Address: _____

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Would you like more information? Yes No NEMOURS EMPLOYEES ONLY – Lawson ID# _____

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REGISTRATION FEE		
Rates:	Before/on 09/24/10	After 09/24/10
<input type="checkbox"/> PROFESSIONAL	\$100/day	\$125/day
<input type="checkbox"/> STUDENT (<i>must show ID</i>)	\$ 50/day	\$ 75/day
<input type="checkbox"/> NEMOURS ASSOCIATE	No fee	No fee

MAIL PAYMENT (CHECK OR CREDIT CARD & FORM)

Nemours Biomedical Research Attn: Shirley Morrison, P.O. Box 269, Wilmington, DE 19899

FAX FORM WITH CARD # to 302-651-6895 or call Shirley Morrison at 302-651-6839 or e-mail smorris@nemours.org

Nemours Alfred I. duPont Hospital for Children