

NEONATOLOGY TODAY

News and Information for BC/BE Neonatologists and Perinatologists

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PREVIEW EDITION

IN THIS SPECIAL ISSUE

Preview of NEO: The Conference for Neonatology, February 20th - 23rd, 2014 at the Hilton Orlando Bonnet Creek, Orlando, Florida

by Alan R. Spitzer, MD
~ Page 1

**CQI Pre-Conference Agenda
Wednesday, February 19, 2014**

~ Page 4

**Thursday, February 20, 2014
Getting Started On The Right Foot
— The Early Care Of The Critically Ill Neonate**

~ Page 6

**Friday, February 21, 2014
Respiratory Support 2014—What Do You Do, When Do You Do It?**

- **Neurological Injury In The Neonate**
- **Legends Of Neonatology Award Dinner**

~ Page 7

**Saturday, February 22, 2014
Nutrition and The Neonate**

~ Page 8

**Sunday, February 23, 2014
The Fetal Patient**

~ Page 8

**Legends of Neonatology Gala
Award Ceremony**

~ Page 10

Planning Committee & Faculty

~ Page 11

Registration Information

~ Page 12

Registration And Accommodations

~ Page 13

CME ACCREDITATION

~ Page 14

NEONATOLOGY TODAY

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Preview of NEO: The Conference for Neonatology, February 20th-23rd, 2014, at The Hilton Orlando Bonnet Creek, Orlando, Florida

by Alan R. Spitzer, MD

Once again, it is December and that means *NEO: The Conference for Neonatology* and *Specialty Review in Neonatology* conferences are around the corner. This year represents the eighth annual *NEO: The Conference for Neonatology*, and we are pleased to describe many of the highlights of the meeting for this special edition of *Neonatology Today*. *NEO* began eight years ago as an extensive reworking of the former *Management of the Tiny Baby Conference*, which ran for 28 years and was one of the legendary meetings in Neonatal Medicine. *NEO* now has also become one of the major annual conferences in neonatal medicine, highlighted by the extraordinary *Legends of Neonatology* evening. The Neonatal Medicine line-up for this year's meeting is one of the best that we have attracted to date, with some special new features, and a wide range of topics and world-renowned speakers who will address many of the most critical and controversial issues that influence the clinical practice of Newborn Medicine. Also, because of its great success last year, we are continuing the simultaneous translation of the meeting into Spanish, and we look forward to welcoming increasing numbers of attendees from around the world for this event.

As usual, the meeting starts with the *Continuous Quality Improvement (CQI) Pre-Conference Day* dedicated to Quality Improve-

ment in Neonatology. The Maintenance of Certification (MOC) Program of the American Board of Pediatrics now consists of four parts, with Part Four being devoted to the demonstration of meaningful participation in quality improvement. In addition, the HI-TECH Act has made meaningful use of the electronic health record a primary feature of modern medical care. So that participants can better appreciate and utilize the methodology of quality improvement and begin to develop the goals of meaningful use, Wednesday, February 19th, will be devoted to a full day in the *Continuous Quality Improvement (CQI) Pre-Conference Day* on this timely issue. Once again led by Dan Ellsbury, MD, and Robert Ursprung, MD, two national leaders of renown in neonatal CQI, this pre-conference session is ideally suited to preparing the clinician for developing sound quality improvement initiatives in the NICU. Of particular note, this year's CQI session will have a discussion of international collaboration in neonatal outcome improvement from Clara Galviz, MD, President of the Colombian (S.A.) Association of Neonatologists.

The main conference starts on Thursday, February 20th, 2014, and runs through Sunday February 23rd. *The NEO Conference* is always arranged thematically and the major themes of this year's meeting include: The Early Care of the Critically Ill Neonate; Respi-

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References: 1. Barrett-Reis B, et al. *Pediatrics*. 2000;106:581-588. 2. Erickson T, Gill G, Chan GM. *J Perinatol*. 2012;1-3. 3. Lawrence RA, Lawrence RM. *Breastfeeding: A Guide for the Medical Professional*. 6th ed. St. Louis, MO: Elsevier Mosby, Inc; 2005:147.

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A Promise for Life

ratory Support 2014—What Do You Do? When Do You Do It?; Neonatal Neurological Injury and in the Neonate; Nutrition and the Neonate; and the Fetal Patient. Each of these sessions has many of the foremost experts in the country addressing the topics for which they have become noted. A very unique session will be offered on Thursday afternoon of the meeting, entitled “Surviving the NICU—Parents’ Perspectives,” organized by Dr. Sue Hall, from Stormont-Vail Healthcare in Topeka, Kansas. In this workshop, physicians, nurses and parents will have the opportunity to discuss how the NICU appears from their various points of view. It is our hope that the audience will better appreciate the stresses that NICU hospitalization brings to the family and learn how to provide more compassionate care to NICU families. This session promises to be an extraordinary and special one.

One of the other unique features of the *NEO Conference* is the annual *Legends of Neonatology Award Dinner*. Starting in 2007 at the first *NEO Conference*, we have made an effort to acknowledge and show our appreciation to some of the legendary figures in the history of Neonatology. Winners of the Legends Award essentially constitute a ‘Hall of Fame’ for Newborn Medicine. Prior recipients include: Mildred Stahlman, Maria Delivoria-Papadopoulos, Mary Ellen Avery, Lucille Ann Papile, Avroy Fanaroff, Marshall Klaus, Jerold Lucey, Robert Bartlett, Stanley Dudrick, George Gregory, John Clements, Forrest Bird, William Norwood, William Oh, Abraham Rudolph, Lilly Dubowitz, M. Jeffrey Maisels, and Jen-Tien Wung. This year’s honorees will be Frederick C. Battaglia, MD, who pioneered our understanding of fetal physiology, metabolism, and the maternal-fetal dyad, and Joseph Volpe, MD, the widely admired and acknowledged founder of the field of Neonatal Neurology. Both Legends have also agreed this year as part of the *NEO Conference* to present historical perspectives of their work during the regular sessions of the meeting, which should be extraordinary talks. The work of these amazing individuals represents some of the primary reasons why outcomes for critically ill infants have improved so dramatically in the last few decades. At the Legends presentation itself, as Course Director for *NEO*, I will review the history leading up to the contributions of these Legends and show how their work has become the core upon which much of modern Newborn Medicine is founded. This night is always a very special event and a highlight of the meeting that attendees should not miss!

This year’s event at the incredible Hilton Orlando Bonnet Creek will be one of the foremost programs of the year in Neonatology. The *NEO Conference* is run alongside another great meeting in Newborn Medicine—*Specialty Review in Neonatology*—for individuals looking for a broader review of the field of Neonatology. We very much hope that you can join us for one of these meetings and promise you an educational experience that you will not soon forget.

NT

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~on behalf of the NEO Planning Committee~





CONTINUOUS QUALITY IMPROVEMENT (CQI) PRE-CONFERENCE DAY WEDNESDAY, FEBRUARY 19, 2014

Moderated by: Dan Ellsburry, MD, and Robert Ursprung, MD

- 9:00 am – 9:30 am** **Quality Improvement and Maintenance of Certification in Pediatrics**
- 9:30 am – 10:30 am** **How to Improve: Basic Techniques**
- 10:30 am – 11:00 am** ***Break***
- 11:00 am – 11:45 am** **Reducing Catheter Associated Infections**
- 11:45 am – 12:30 pm** **Reducing Necrotizing Enterocolitis**
- 12:30 pm – 1:30 pm** ***Lunch***
- 1:30 pm – 2:00 pm** **Reducing Retinopathy of Prematurity**
- 2:00 pm – 2:30 pm** **Improving Admission Thermal Management**
- 2:30 pm – 3:00 pm** **Decreasing Bronchopulmonary Dysplasia**
- 3:00 pm – 3:30 pm** **Optimizing NICU Medication Use**
- 3:30 pm – 4:00 pm** ***Break***
- 4:00 pm – 4:30 pm** **Improving Antibiotic Stewardship**
- 4:30 pm – 5:00 pm** **Creating a Culture of Quality and Safety**
- 5:00 pm** ***Adjourn***
- 6:00 pm – 8:00 pm** **Welcome Reception and Exhibits Open**



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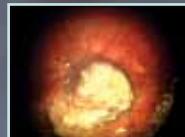


Image of
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THURSDAY, FEBRUARY 20, 2014
GETTING STARTED ON THE RIGHT FOOT —
THE EARLY CARE OF THE CRITICALLY ILL NEONATE

- 7:45 am – 8:00 am** **Introductory Remarks**
Alan Spitzer, MD
- 8:00 am – 9:00 am** **Improving the Resuscitation Experience — The Optimal Use of NRP**
Steven Ringer, MD, PhD
- 9:00 am – 10:00 am** **The Fluid Management and Early Nutritional Care of the ELBW Infant**
John M. Lorenz, MD
- 10:00 am – 10:30 am** **Break and Exhibits**
- 10:30 am – 11:30 am** **Pharmacological Choices for the ELBW Infant — Indomethacin, Caffeine, iNO, Hydrocortisone, Antibiotics — What Is The Evidence?**
Matthew Laughon, MD, MPH
- 11:30 am – 12:30 pm** **What Do We Do at the Threshold of Viability?**
Lucky Jain, MD
- 12:30 pm – 2:00 pm** **Lunch and Exhibits**
- 2:00 pm – 3:00 pm** **Helping Babies and Parents Bond: The Critical Role of the NICU Staff**
Sue Hall, MD
- 3:00 pm – 4:00 pm** **What NICU Parents Want Neonatologists to Know: Parent Leaders of the Premie Parent Alliance**
- 4:00 pm – 4:30 pm** **Break and Exhibits**
- 4:30 pm – 5:00 pm** **Parent Leaders of the Premie Parent Alliance Panel Discussion and Q&A**
- 5:00 pm – 6:00 pm** **Breaking Bad News – Helping Families When They Need Us the Most**
Anthony Orsini, DO



FRIDAY, FEBRUARY 21, 2014
**RESPIRATORY SUPPORT 2014—WHAT DO YOU DO,
WHEN DO YOU DO IT?**

- 8:00 am – 9:00 am** **Surfactant 2014 — How Have Things Changed?**
Roger F. Soll, MD
- 9:00 am – 10:00 am** **Non-invasive Ventilation — Optimal Approaches**
Mark Mammel, MD
- 10:00 am – 10:30 am** *Break and Exhibits*
- 10:30 am – 11:30 am** **Rescue Tools — What Do You Use and When?**
William Walsh, MD
- 11:30 am – 12:30 pm** **What is Chronic Lung Disease and How Do You Manage It?**
Michele Walsh, MD
- 12:30 pm – 1:30 pm** *Lunch and Exhibits*

NEUROLOGICAL INJURY IN THE NEONATE

- 1:30 pm – 2:30 pm** **SPECIAL LEGENDS PRESENTATION**
Neurological Injury in the Low Birth Weight Infant
Joseph J. Volpe, MD
- 2:30 pm – 3:30 pm** **Neonatal Abstinence Syndrome — Acute and Long-Term Effects**
Estelle Gauda, MD
- 3:30 pm – 4:30 pm** **Planning for Neonatal Follow-up**
Ronald L. Ariagno, MD, FAAP

LEGENDS OF NEONATOLOGY AWARD DINNER

- 7:00 pm** **Honorees:**
Joseph J. Volpe, MD
Frederick C. Battaglia, MD





SATURDAY, FEBRUARY 22, 2014
NUTRITION AND THE NEONATE

- 8:00 am – 9:00 am** **New Ideas in Nutrition of the ELBW Infant**
Reese H. Clark, MD
- 9:00 am – 10:00 am** **Oligosaccharides and Nutrition**
Lars Bode, PhD
- 10:00 am – 10:30 am** ***Break and Exhibits***
- 10:30 am – 11:30 am** **The Management of Lipids During the Neonatal Period**
Camilia R. Martin, MD
- 11:30 am – 12:30 pm** **Management of Short Bowel Syndrome in the Neonate**
Christopher Duggan, MD, MPH

SUNDAY, FEBRUARY 23, 2014
THE FETAL PATIENT

- 8:00 am – 9:00 am** **The Fetal Echocardiogram in the Management of the Fetus with CHD**
Jack Rychik, MD
- 9:00 am – 10:00 am** **SPECIAL LEGENDS PRESENTATION**
Clinical Perinatal Studies and Their Impact on Neonatal Nutrition
Frederick C. Battaglia, MD
- 10:00 am – 10:30 am** ***Break and Exhibits***
- 10:30 am – 11:30 am** **The Assessment of Fetal Well-Being**
C. Andrew Combs, MD, PhD
- 11:30 am – 12:30 pm** **What Have We Learned From The ELGAN Study?**
T. Michael O'Shea, MD

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NEO: THE CONFERENCE FOR NEONATOLOGY

FEBRUARY 20-23, 2014

NEO: The Conference for Neonatology addresses cutting edge, yet practical aspects of newborn medicine. Educational sessions are conducted by many of the foremost experts, who address neonatal-perinatal topics for which they have become renowned.

Target audience: All neonatal-perinatal providers, including neonatologists, advanced practitioners and staff nurses.

Topics include:

- Getting Stareted on the Right Foot — The Early Care of the Critically Ill Neonate
- Respiratory Support 2014 — What Do You Do, When Do You Do It?
- Neurological Injury in the Neonate
- Nutrition and the Neonate
- The Fetal Patient

SPECIAL INTERACTIVE SESSION: Surviving the NICU — Parents' Perspectives



SPECIALTY REVIEW IN NEONATOLOGY

FEBRUARY 18-23, 2014

Specialty Review in Neonatology, the leading review of its type in the country, is an intensive and comprehensive review of neonatal medicine. This course is an invaluable learning experience for those preparing for certifying examinations, as well as new or current fellows-in-training seeking an outstanding fundamental pathophysiology course in neonatal-perinatal medicine.

Target audience: Neonatologists, residents, fellows and advanced practitioners.

Topics include:

- Maternal-Fetal Medicine
- Neonatal Respiratory System
- Neonatal Cardiovascular System
- Neonatal Endocrinology
- Neonatal Nephrology
- Neonatal Infectious Diseases
- Central Nervous System



Legends of Neonatology Gala Award Ceremony

FRIDAY, FEBRUARY 21, 2014

Please join us in honoring our 2014 award recipients whose efforts have contributed so much to the care of the critically ill neonate. Drs. Frederick C. Battaglia and Joseph J. Volpe will be inducted into the Legends of Neonatology Hall of Fame, which was established in 2007.

FREDERICK C. BATTAGLIA, MD



Frederick Battaglia, MD, was born in Weehawken, New Jersey, received his undergraduate education at Cornell University and graduated from the Yale University School of Medicine. He did an internship in Pediatrics at Johns Hopkins Hospital, but then left that program for a fellowship in the Department of Biochemistry in Dr. Philip Randle's laboratory at Cambridge University. He returned to Yale as a fellow in Dr. Donald Barron's laboratory the following year. Subsequently, he returned to Johns Hopkins to complete his pediatric training. Between 1962-64, he served as a fellow in the laboratory of Perinatal Physiology of the NIH in San Juan, Puerto Rico. His initial appointment was at Johns Hopkins in the Department of Pediatrics. In 1965 he left Johns Hopkins to join the faculty at the University of Colorado School of Medicine where he has contributed much of his great work. There he rose to Full Professor and Director of the Division of Perinatal Medicine and Chairman of the Department of Pediatrics, positions he held from 1974-88. He remains active in research and teaching at the Children's Hospital of Denver to the present day. Dr. Battaglia's contributions to both the subspecialties of Maternal-Fetal Medicine and Neonatal Medicine, particularly from the aspect of perinatal physiology, is remarkable. His work in elucidating the physiology of the fetus and placenta, the mechanisms of fetal growth and fetal nutrition, and growth failure of the fetus as seen in intrauterine growth restriction, represent an unparalleled body of work in this field. Dr. Battaglia serves as the exemplary role model of the true perinatologist. His interests and research bridge the time from conception of the fetus to the moment of hospital discharge of mother and infant. Dr. Battaglia has won numerous awards for his extensive contributions to medicine, including the Apgar Award of the American Academy of Pediatrics, the Howland Award of the American Pediatric Society and election to the Institute of Medicine, among many others.

JOSEPH J. VOLPE, MD



Dr. Volpe received his medical degree from Harvard Medical School, completed his pediatric residency at Massachusetts General Hospital, carried out a postdoctoral research fellowship at the NIH and trained in pediatric neurology at Massachusetts General Hospital. He then served for 20 years on the faculty at Washington University in St. Louis, the last ten years of which as the Stein Professor of Neurology and Director of the Division of Pediatric Neurology. In 1990 he was recruited to Boston as Neurologist-in-Chief at the Children's Hospital, Bronson Crothers Professor of Neurology at Harvard Medical School, and Chairman of the Department of Neurology at Children's Hospital/Harvard Medical School. Under Dr. Volpe's leadership over the next 15 years, the Department of Neurology grew to a faculty size of over 50 child neurologists and neuroscientists and the clinical and research programs became the largest and most diverse of any child neurology facility in the world. Dr. Volpe is generally considered to be the leading figure in the field of Neonatal Neurology. His work in this subspecialty has included both clinical and basic research. The principal focus of his clinical research has been elucidation of the pathogenesis of the major hemorrhagic and ischemic lesions of the newborn, especially the premature newborn, and prevention of this brain injury. He has contributed more than 300 original articles and his single-authored book, *Neurology of the Newborn*, currently in its fifth edition, is considered "the bible" in the field. Dr. Volpe has received many awards nationally and internationally. These include the two most prestigious awards of the Child Neurology Society, both the Hower Award for lifetime achievement in Child Neurology and the Sachs Award for scientific achievement. He has been similarly honored by societies of Child Neurology, Cardiology, Neonatology, Radiology and Neurosurgery, radiology and neurosurgery worldwide. He was the first child neurologist to be elected to the Institute of Medicine of the U.S. National Academy of Sciences. In 2007 the Boston Children's Hospital created the Joseph J. Volpe Chair in Neurology. Currently he is the Bronson Crothers Distinguished Professor of Neurology at Harvard Medical School.

Neonatology Hall of Fame - Past Honorees

Virginia Apgar
Mary Ellen Avery
Robert Bartlett
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Lucille Ann Papile
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Mildred Stahlman
Jen-Tien Wung

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Michele Walsh, MD

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Case Western Reserve University

NEO REGISTRATION INFORMATION

Visit www.neoconference.com to register, learn about room rates and transportation costs.

NEO Registration Fees (after December 31, 2013) See www.neoconference.com for "early bird" rates				Continuous Quality Improvement (CQI) Pre-Conference Day
Registrant Type	NEO Only	NEO and CQI	NEO-Single Day	CQI Day Only
Physician	\$1,225	\$1,425	\$600	\$475
Advanced Practitioner / Nurse / PA / Allied Health and Respiratory Therapist	\$950	\$1,050	\$550	\$400
Resident / Fellow	\$950	\$1,050	\$550	\$400
Business / Other	\$1,225	\$1,425	\$600	\$475

What is Included in Your NEO Conference Registration?

	CQI	NEO Options					
	CQI Day Only	NEO and CQI	NEO Only	NEO Single Day Thu.	NEO Single Day Fri.	NEO Single Day Sat.	NEO Single Day Sun.
WEDNESDAY, FEBRUARY 19, 2014							
CQI Class Participation*	•	•					
Breakfast	•	•					
AM Break	•	•					
Lunch	•	•					
PM Break	•	•					
Welcome Reception	•	•	•				
THURSDAY, FEBRUARY 20, 2014							
NEO Day Class Participation*		•	•	•			
Breakfast		•	•	•			
AM Break		•	•	•			
Lunch		•	•	•			
PM Break		•	•	•			
FRIDAY, FEBRUARY 21, 2014							
NEO Day Class Participation*		•	•		•		
Breakfast		•	•		•		
AM Break		•	•		•		
Lunch		•	•		•		
PM Break		•	•		•		
Legends of Neonatology Award Dinner.**		•	•		\$80**		
SATURDAY, FEBRUARY 22, 2014							
NEO Day Class Participation*		•	•			•	
Breakfast		•	•			•	
AM Break		•	•			•	
Lunch		•	•			•	
PM Break		•	•			•	
SUNDAY, FEBRUARY 23, 2014							
NEO Day Class Participation*		•	•				•
Breakfast		•	•				•
AM Break		•	•				•
Lunch		•	•				•

* Tuition includes access to all courses, course syllabus and free CME/CNE credit processing for courses completed.

** Legends of Neonatology Award Dinner. includes reception, dinner and award ceremony. Legends of Neonatology Award Dinner is complimentary for Full Conference registrants only (not Single Day). Guests of registrants and Single Day participants may purchase a ticket for \$80.

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REGISTRATION AND ACCOMMODATIONS

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- Register online or find out more information - Go to: www.neoconference.com or
- Call 800.974.3084 or
- email pEDIATRIX@experient-inc.com with questions.

Hotel

Hilton Orlando Bonnet Creek
14100 Bonnet Creek Resort Lane
Orlando, FL 32821

- Single/Double Occupancy: \$255/night (plus sales and resort taxes).
- Special Conference Rate is available January 24, 2014. Check-In is at 3:00 pm; Check-Out is at 11:00 am.
- Group rates are available five days before and after the meeting dates (based on availability).
- To make a reservation, call 800.974.3084 or email pEDIATRIX@experient-inc.com.

Transportation

The Hilton Orlando Bonnet Creek is located approximately 25 minutes from Orlando International Airport. Mears Transportation offers a convenient and affordable transfer between the airport and your hotel.

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Call 800.759.5219 (Online coupon must be presented to receive the discount.)

Attractions

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CME ACCREDITATION

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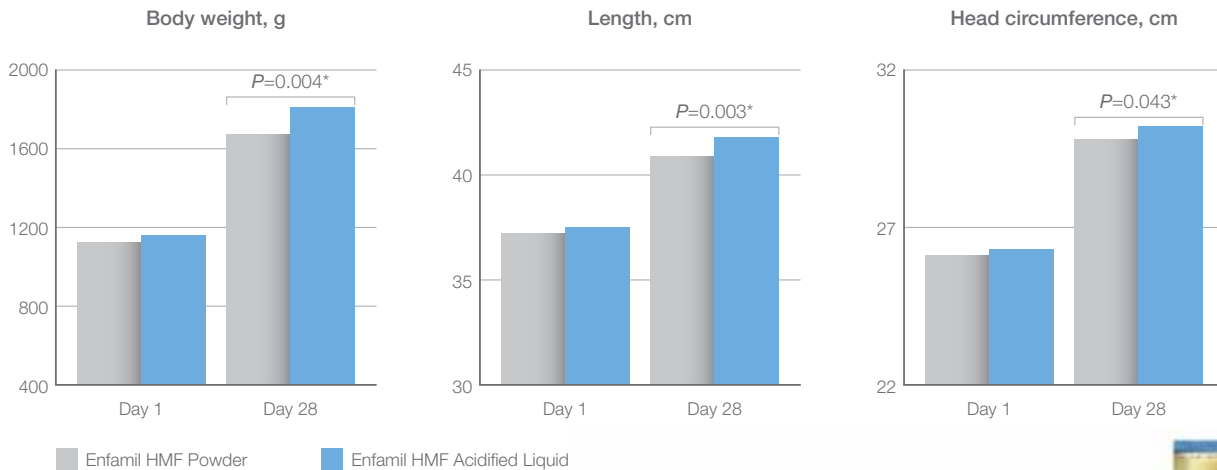
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