

34<sup>th</sup> Annual Current Concepts in Neonatal and Pediatric

# Transport

Conference



February 14–15, 2012 | *Optional Lab Day:* February 13

## Conference Highlights

- National Survey of Neonatal Transport Teams  
*Presented by Kris Karlsen, PhD, NNP-BC  
National Program Director, S.T.A.B.L.E.*
- Options for Ventilation
- Cardiac/PPHN/X-ray
- Surgical Emergencies
- Seizures/DKA/Drowning/Shock

## Optional Lab Day

- Bronchotrón® | Survivor Workshop
- High-Fidelity Simulation Lab

## Presented by

Intermountain Life Flight Children's Services



## Target Audience

Target audience for all educational activities includes nurses, respiratory therapists, mid-level providers, physicians, and paramedics who already have training in neonatal and pediatric care and who are involved with the transport of patients to tertiary care centers.

## Sponsored by

Jointly sponsored by Primary Children's Medical Center, the Department of Pediatrics at the University of Utah School of Medicine, and Intermountain Life Flight Children's Services.

## Conference Description

This two day course provides a comprehensive approach to clinical issues of neonatal and pediatric transport. Participants are nurses, respiratory therapists, mid-level providers, physicians, and paramedics who already have training in neonatal and pediatric care and who are involved with the transport of patients to tertiary care centers.

## Objectives

Upon completion, the participant will be able to:

- Provide clinical care consistent with current guidelines of practice for specialty team transports
- Demonstrate assessment and stabilization skills for the care and management of critically ill patients
- Define management options for specific clinical disease states
- Discuss limitations and effects of the transport environment on the patient

## Landing Zone: Props and Hops

Set your flaps and adjust your throttle to get ready for an adventure filled night! Beverages and food provided.

## Online Registration

Online registration at:  
[www.primarychildrens.org/transport](http://www.primarychildrens.org/transport)

## Cancellation

Written notice is required to receive a refund. All refunds are subject to a \$50 processing fee. No refunds will be made after January 21, 2012.

## Opening Speakers

### Edward P. Junkins, MD, MPH, FAAP

Dr. Junkins received his Bachelor of Arts degree from the University of Notre Dame and his Medical Degree from Johns Hopkins University School of Medicine. He also received a Master's of Public Health degree from the University of Utah. Since joining the faculty in July 2000, Dr. Junkins has become a regional expert in Cultural Competence and Mutual Respect, delivering numerous presentations throughout the region on the subject.

### Kris Karlsen, PhD, NNP-BC

Dr. Karlsen is a neonatal practitioner who has been involved in neonatal care for 30 years. She is the program author and director of the S.T.A.B.L.E. Program. Dr. Karlsen works clinically in the neonatal intensive care units at Primary Children's Medical Center and Intermountain Medical Center in Salt Lake City, Utah.



## Salt Lake City

### Hotel Reservations

The conference is held at the Radisson Hotel, 215 West South Temple, Salt Lake City, Utah. A limited number of rooms are blocked under the Current Concepts in Transport Conference for \$95/night for single or \$99/night double rates. Reservation block expires January 20, 2012. Call the Radisson Hotel at 801.531.7500 or 1.800.333.3333 and mention the Transport Conference when making reservations to ensure you receive the discounted room rate.

### Conference Location

Salt Lake City sits at the base of the Wasatch Mountains and next to the Great Salt Lake. Salt Lake blends the historical landmarks of its pioneer past with the vibrancy of the modern West. Located in the downtown convention area are Symphony Hall, Ballet West, the Family History Library, the Utah Opera Company, the Salt Lake Arts Center, and the world-famous Temple Square, home of the Mormon Tabernacle Choir. There is plenty of shopping and restaurants within walking distance of the Radisson Hotel.

The Salt Lake Convention and Visitors Bureau at [www.visitsaltlake.com](http://www.visitsaltlake.com) or 801.534.4900 provides information on sightseeing, skiing, current events, and transportation.

## Opening Speakers

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### **Edward P. Junkins, MD, MPH, FAAP**

Associate Professor, Pediatrics  
Pediatric Emergency Medicine  
Primary Children's Medical Center

### **Kris Karlsen, PhD, NNP-BC**

Neonatal Nurse Practitioner  
Intermountain Health Care  
National Program Director  
S.T.A.B.L.E.

## Guest Speaker

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### **Michael S. Trautman, MD**

Executive Chairman of Transport Medicine  
American Academy of Pediatrics (AAP)  
Professor, Pediatrics  
Indiana University School of Medicine

## Local Faculty

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\* Unless noted with an asterisk (\*), the local faculty listed are from the University of Utah School of Medicine and Primary Children's Medical Center in Salt Lake City, Utah.

### **Kimberly D. Bennett, MD, MPH**

Assistant Professor, Pediatrics  
Medical Director  
Respiratory Care Services and  
Pediatric Intensive Care Unit

### **Tellen D. Bennett, MD, MS**

Professor, Pediatrics  
Pediatric Critical Care

### **Wyc Cheatham, MD\***

Pediatric and Neonatal Intensivist  
Director Pediatric Sedation  
Utah Valley Regional Medical Center

### **Andrea Clement, BSN, RN\***

Neonatal Transport Life Flight  
Customer Service Coordinator  
Life Flight Children's Services  
Intermountain Life Flight

### **Howard M. Corneli, MD**

Professor, Pediatrics  
Pediatric Emergency Medicine  
Medical Director  
Pediatric Life Flight

### **Kevin L. Crezéé, RRT-NPS\***

Respiratory Lead  
Life Flight Children's Services  
Primary Children's Medical Center

### **Deb DeCarlo, MSNEd, RN\***

Pediatric Nurse  
Same Day Surgery  
Primary Children's Medical Center

### **Larry D. Eggert, MD\***

Adjunct Professor, Neonatology  
System Medical Director,  
Neonatology  
Women and Newborns Clinical Program  
Medical Director,  
Neonatal Life Flight  
Dixie Regional Medical Center

### **Gitte Y. Larsen, MD, MPH**

Associate Professor, Pediatrics  
Pediatric Critical Care  
Medical Director  
Life Flight Children's Services

### **C. Edward Liu, MD**

Adjunct Assistant Professor, Anesthesiology  
Anesthesiologist, Pediatrics

### **Laurie Merrick, RN, CCRN**

Pediatric Transport Life Flight  
Pediatric Critical Care Services

### **Stephen Minton, MD\***

Chief, Newborn Services  
Neonatal Critical Care  
Medical Director, Neonatal Life Flight  
Urban South Region  
Intermountain Healthcare

### **Donald M. Null Jr., MD**

Professor, Neonatology  
Medical Director  
Neonatal Life Flight  
Neonatal Critical Care and ECMO Program

### **Jeff E. Schunk, MD**

Professor, Pediatrics

### **Bradley A. Yoder, MD**

Professor, Neonatology  
Medical Director  
Neonatal Critical Care  
University of Utah School of Medicine

## Planning Committee

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Tammy Bleak, BSN, RN, C-NPT (*Course Director*)  
Audrey Bramwell, BSN, RN  
Linda Chatwin, BSN, RN, C-NPT  
Andrea Clements, BSN, RN  
Kevin Crezéé, RRT-NPS  
Trisha DeGooyer, RNC, C-NPT  
Gina Honey, BSN, RN, C-NPT  
Gitte Y. Larson, MD, MPH  
Lori McBride, BSN, RN, CCRN  
Laurie Merrick, RN, CCRN

## Pediatric Education Services

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Pediatric Education Services (PES) at Primary Children's Medical Center.

Jill Burton, BS  
Marcus Cazier MBA, MHA  
Aileen Hoggan, MSNEd, RN, RN-BC  
Jonell Murray, MS  
Sarah Minson, RN





## Credit

### Nursing Credit



Primary Children's Medical Center is an Approved Provider of Continuing Nursing Education (P11-002) through the Utah Nurses Association, an Accredited Approver by the American Nurses Credentialing Center's Commission on Accreditation.

This educational activity has been approved for 14 contact hours for the Main Conference and an additional 2-4 hours for each optional skills lab attended.

### Respiratory Care Credit

Primary Children's Medical Center has submitted an application for 14 hours to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists. Please provide AARC membership number during registration process.

### AMA PRA Credit



This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Primary Children's Medical Center, the Department of Pediatrics at the University of Utah School of Medicine, and Intermountain Life Flight Children's Services. Primary Children's Medical Center is accredited by the ACCME to provide continuing medical education for physicians.

**AMA PRA Credit:** Primary Children's Medical Center designates this educational activity for a maximum of 14 *AMA PRA Category 1 Credit(s)*<sup>™</sup> for the Main Conference and an additional 2-4 hours for each optional skills lab attended. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### EMS Provider Credit



Main Conference CME credit approved by the Bureau of EMS for up to 14 credit hours and an additional 2 hours for the optional skills lab.

## Optional Lab Day

Join us on February 13, 2012 for an optional lab day. Choose from one or more of the workshops/labs offered. Transportation from the Radisson Hotel to Primary Children's Medical Center will be provided via TRAX, Utah's light rail.

### Bronchotron® I Survivor Workshop

This workshop targets users or potential users of the Bronchotron® I Ventilator along with inhaled nitric oxide. Come learn and demonstrate your skill on Bronchotron Island in a friendly "survivor-like" atmosphere. This interactive session is designed to enhance your knowledge and skill to transport neonates effectively and safely on this ventilator. *Registration is limited.*

### 2011 participants said:

*"Learning was soooo much fun!"*

*"The hands on experience and the imaginative learning atmosphere, coupled with the friendly knowledgeable staff who were passionate about their profession really showed!! This was second to none!!!"*



### Simulation Lab

The Simulation Program provides realistic, hands on, interactive training in cognitive and behavioral skills. Our goal is to improve clinical skills, teamwork, and communication when managing a pediatric crisis situation. *Two sessions available. Registration is limited.*

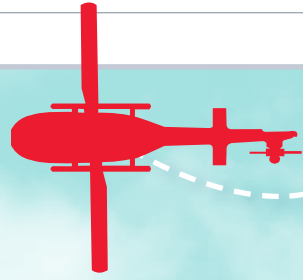


**Monday, February 13th** Optional Lab Day – Pre-Registration Required

**1:00-5:00** Bronchotron® I Survivor Workshop

**1:00-3:00** Simulation Lab Session 1

**3:30-5:30** Simulation Lab Session 2



**Tuesday, February 14th**

**7:00-8:00 am** Registration/Breakfast

**8:00-8:15** Opening Remarks

**8:15-9:15** Cultural Diversity  
Edward P. Junkins, MD, MPH, FAAP

**9:15-10:15** Circuit Overload: Identifying and Treating Seizures  
Jeff E. Schunk, MD

**10:15-10:30** Break/Exhibits

**10:30-11:30** Baby Bugs: Neonatal Bacterial Infections  
Stephen Minton, MD

**11:30-12:30** Acute Treatment of Heart Failure: Current Strategies and Future Directions  
Kimberly D. Bennett, MD, MPH

**12:30-1:30** Lunch – provided

**1:30-2:30** **Neo Session 1:** Do You See What I See: X-Rays  
Stephen Minton, MD

**Peds Session 1:** How Sweet It Is: DKA  
Edward P. Junkins, MD, MPH, FAAP

**2:40-3:40** **Neo Session 2:** A Need for Speed: Surgical Emergencies  
Andrea Clement, BSN, RN

**Peds Session 2:** Challenges in Near Drowning  
Howard M. Cornelli, MD

**3:40-4:00** Break/Exhibits - Financially Supported by Airborne Life Support Systems

**4:00-5:00** **Neo Session 3:** Pressure Cooker: Pulmonary Hypertension  
Bradley A. Yoder, MD

**Peds Session 3:** Potions, Pills, and Poisons: Ingestions  
Jeff E. Schunk, MD

**6:30-9:00** Landing Zone: Props and Hops  
Financially Supported by AgustaWestland

## Wednesday, February 15th

**7:00-8:00 am** Registration/Breakfast

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**8:00-9:00** National Survey of Neonatal Transport Teams  
Kris Karlsen, PhD, NNP-BC

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**9:00-10:00** Yours, Mine, and Ours: Panel Discussion  
Facilitated by Michael S. Trautman, MD

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**10:00-10:15** Break/Exhibits

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**10:15-11:15** Warm Shock, Cold Shock, Shock, Shock, Shock: Differentiating Shock States  
Wyc Cheatham, MD

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**11:15-12:15** Maintaining Balance: Cardiopulmonary Interactions  
Tellen D. Bennett, MD, MS

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**12:15-1:15** Lunch – provided

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**1:15-2:15** **Neo Session 1:** Tiny Tickers: Neonatal Cardiac Disease  
Michael S. Trautman, MD

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**Peds Session 1:** Mended Hearts: Transport of the Post Surgical Cardiac Patient  
Laurie Merrick, RN, CCRN

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**2:25-3:25** **Neo Session 2:** The Trickle Effect: Maternal Disorders Affecting the Fetus  
Larry D. Eggert, MD

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**Peds Session 2:** It's Never Black and White: Radiology Review  
Gitte Y. Larsen, MD, MPH

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**3:25-3:45** Break/Exhibits - Financially Supported by Bio-Med Devices

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**3:45-4:45** **Neo Session 3:** To Tube or Not to Tube: Options for Ventilation  
Donald M. Null Jr., MD

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**Peds Session 3:** Overcoming Obstacles: Advanced Airway Management  
Edward Liu, MD

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**5:30-7:30** Hospital Tour - Optional

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