# **38th Annual** Current Concepts in Neonatal and Pediatric **Transport Conference**



Optional Lab Day February 22, 2016 Primary Children's Eccles Conference Center 81 North Mario Capecchi Drive Salt Lake City, Utah 84113

## **Conference Highlights**

- Sepsis, Surgical, Safety, Shock
- End of Life Journey

LIFE FLIGHT

## **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.

## **Optional Lab Day**

- Hands on Ultrasound Lab
- High Fidelity Simulation Lab

## **Provided by**

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

Register Online at... www.primarychildrens.org/transport

## **Presented by**

Intermountain Life Flight Children's Services

Intermountain<sup>®</sup> Primary Children's Hospital





Department of Pediatrics



## Hotel Reservations

The conference is held at the Primary Children's Eccles Outpatient Building, 81 North Mario Capecchi Drive, Salt Lake City, Utah.

A limited number of rooms are blocked under the Current Concepts in Transport Conference at the Marriott at University Park for \$129/ night. Reservation block expires February 1, 2016. Call the Marriott at 800.396.3126 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.

The Salt Lake Convention and Visitors Bureau at www.visitsaltlake.com or 801.534.4900 provides information on sightseeing, skiing, current events, and transportation.

## Transportation

Salt Lake City light rail system, TRAX, has stops at the airport, and Primary Children's Hospital. For departure times, check www.rideuta.com



### Credit

Utah Nurses Association

Nursing Credit Primary Children's Hospital is an approved provider (P14-02) of continuing nursing education by the

Utah Nurses Association, an accredited Approver through the American Nurses Credentialing Center's Commission on Accreditation. This continuing nursing education activity has 14.75 nursing contact hours for the main conference and an additional 2-4 hours for each optional skills lab attended.

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Successful completion is attendance at entire event.

Any display or use of any commercial product in this education activity does not imply ANCC commission on accreditation or UNA endorsement of the products.



#### **Respiratory Care Credit**

Primary Children's Hospital has submitted an application for 14.75 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 providership of Primary Children's Hospital, the Department of Pediatrics at the University of Utah School of Medicine, and Intermountain Life Flight Children's Services. Primary Children's Hospital is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Credit: Primary Children's Hospital designates this educational activity for a maximum of 14.75 AMA PRA Category 1 Credit(s)<sup>TM</sup> for the Main Conference and an additional 2–4 hours for each optional skills lab attended. Physicians should only claim 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 14.75 credit hours and an additional 2 hours for the optional skills lab.

## Monday, February 22, 2016 JOIN US FOR AN OPTIONAL LAB DAY. CHOOSE ONE OR MORE OF THE WORKSHOPS OFFERED.

#### Simulation: The Future in Transport Training

Join us for realistic transport simulation experience in an actual aircraft and ambulance. Sessions focus on both neonatal and pediatric care. This program provides hands-on, interactive training in cognitive and behavioral skills. Our goal is to improve clinical skills, teamwork, and communication when managing a crisis situation. *Registration is limited.* 

## Diagnostics on the Go: Ultrasound in Transport

This interactive workshop using portable ultrasound devices on human volunteers, is designed to outline the possible uses and benefits of ultrasound in transport. *Registration is limited*.



## Details

These optional pre-conference sessions are for main conference attendees. Transportation to the Simulation Lab will be provided from the Marriott. *Please note that Simluation Lab participants must be in the hotel lobby one hour before the session start time.* 

## **Session Times**

Choose one or more of the workshops offered. Simulation Lab sessions are limited to one per participant.

Morning	Session One	
	<ul> <li>Simulation Lab</li> </ul>	
Afternoon	Session Two	
	<ul> <li>Simulation Lab</li> </ul>	
	<ul> <li>Ultrasound Lab</li> </ul>	

## Register Today! www.primarychildrens.org/transport

Tuesday, February 23, 2016				
7:00–8:00 am	Registration/Continental Breakfast			
8:00-8:10	Opening Remarks			
8:10-9:10	Trauma Transport: A Patient Perspective—William Beninati, MD & Anna Beninati			
9:10-9:40	Surviving Sepsis—Jon Woods, MD			
9:40–10:10	Special K: Use of Ketamine in Transport—William Bradley Poss, MD			
10:10-10:30	Break/Exhibits			
10:30–11:30	Neonatal Surgical Emergencies—Donald Null, MD			
11:30-12:00	Safety Is A Culture—Bret Hutchins, Rotor Wing Pilot			
12:00-12:30	X-Ray Vision: Neonatal X-Rays—Robert DiGeronimo, MD			
12:30-1:30	Lunch			
1:30-2:30	Bugs, Barbs, and Bloodletting—Scott DeBoer, MSN, RN			
2:30-3:00	Difficult Transport: Case Scenarios—Ryan Oldroyd, RN			
3:00-3:30	Neonatal Shock, Part 1—Howard Stein, MD			
3:30-3:45	Break/Exhibits			
3:45-4:15	Neonatal Shock, Part 2—Howard Stein, MD			
4:15-4:45	Not All Volume is Created Equal—Andrew Smith, MD			
4:45-5:15	Daily Wrap Up—Allison Keller, MD			
6:30-9:00	Landing Zone: Props and Hops			







Wednesday, February 24, 2016					
7:00–8:00 am	Registration/Continental Breakfast				
8:00-8:10	Opening Remarks				
8:10-9:10	The End is Near: Dealing with End of Life Issues—Samuel Brown, MD				
9:10-9:40	Tiny Tickers: Arrythmias—Howard Stein, MD				
9:40–10:10	The Top 10 Articles to Influence Your Practice—Allison Keller, MD				
10:10-10:30	Break/Exhibits				
10:30–11:30	CPR and Post Arrest Care—Robert Bryant, MD				
11:30–12:00	Dazed and Confused: Pediatric Head Trauma—Jeffrey Schunk, MD				
12:00-12:30	Recognition, Stabilization and Treatment of NEC—Roger Faix, MD				
12:30-1:30	Lunch				
1:30-2:30	Trauma Tales: Jeopardy—Scott DeBoer, MSN, RN				
2:30-3:00	Blood Gases in Transport— <b>Wyc Cheatham, MD</b>				
3:00-3:30	Alphabet Soup: CBC, CRP and Lactates—Erick Ridout, MD				
3:30-3:45	Break/Exhibits				
3:45-4:15	PR on a Shoestring Budget—Andrea Clements, RN				
4:15-4:45	Sugar on Top: DKA Management in Transport—Jeffrey Schunk, MD				
4:45-5:15	Conference Wrap Up—Allison Keller, MD				

38th Annual Current Concepts in Neonatal and Pediatric Transport Conference 2016

## February 23–24, 2016

**Optional Lab Day: Feb. 22** Register Today! www.primarychildrens.org/transport

#### **More Information**

Early Bird Discount: Register by 01/22/2016 (postmarked) for the early bird discount.

Cancellation Policy: Written notice is required to receive a refund. All refunds are subject to a \$50 processing fee. No refunds will be made after February 12, 2016.

## **Mail or Fax**

Mail to: **Pediatric Education Services** Primary Children's Hospital 81 North Mario Capecchi Dr. Salt Lake City, Utah 84113

Fax to: 801.662.3522 our fax line is open 24 hours.

#### **Questions, contact:**

**Pediatric Education Services:** 

Phone: 801.662.3504 or 800.910.7262

Fax: 801.662.3522

Email: pc-pes@imail.org

#### www.primarychildrens.org/ transport

Name	(please	print)

Authorized Signature

D MD	🖵 Mid Level Provider	🗆 RN	Other (Specify)		
🗆 RT, pl	ease write in AARC member	r #:			
Hospital/Pro	gram				
Address					
City	St	ate		Zip	
Daytime Pho	ne E-	mail (Used f	or conference only)		
Please indica	te any special dietary needs	5:			
Tuition:			Early Bird Fee Postmarked by 01/22/2016	Regular Fee After 01/22/2016	
Main Confer	ence For RNs, RTs, and othe	ers:	\$395	\$445	
For mid-le	evel providers, and physiciar	ns:	\$495	\$545	
One Day Cor	nference Fee 📮 Tues. or 🗆	Wed.	\$250	\$275	
Optional Lab	o Day (2.22.16) Registration	is limited.	\$250	\$250	
□ Sim ◆ Aftern Choose	ng Session: nulation Lab noon Session: e Only One Simulation Lab Ultrasound Lab		per session	per session	
Will you atte	end the Tuesday Evening Pro	ops and Hop	s?		🗆 Yes 🗆 No
UNA Members receive a \$25 discount with membership number: <u>#</u> Tota				<u>#</u> Total	
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## **Conference Description**

During the period of transport, critically ill neonates and children are at risk from disease, injury, therapy, and the transport itself. This risk can be minimized by good communication between the referring and receiving caretakers, careful evaluation and management, anticipation of complications, and a well-equipped and well-trained team. This two-day course provides a comprehensive approach to clinical issues related to neonatal and pediatric transport.

## **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
- Outline 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 will be available on November 30th, 2015. Check it out at: 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 February 12, 2016.

## **Keynote Speaker**



William Beninati, MD is the Medical Director for Intermountain Life Flight Adult Service and Telecritical Care. He is a critical care physician working in the Shock Trauma ICU and has extensive

experience performing and teaching critical care ultrasound. Bill is a 25-year veteran of the US Air Force. During his AF career he had the privilege of helping to develop the Critical Care Air Transport (CCATT) program, serving as a key medical leader in that program for 13 years. He was involved in all aspects of CCATT including: patient transport, training, logistics, policies and procedures, joint service, US civilian and international engagement. His combat experience includes transports in Bosnia, Afghanistan, and Iraq where he participated in rotor wing MEDEVAC. In 2009 he retired as commander of the 1,850 member 59th Medical Operations Group.

Anna Beninati, as an adolescent, was critically injured in a train accident. She had grown up as the daughter of a career air medical transport physician and she now faced her own critical care transports-by helicopter to receive lifesaving care and then ICU-to-ICU by fixed wing to continue her recovery. Since then she has launched a career as a seated alpine skier on the U.S. Paralympic Development Team. Last season she earned ten race medals and won her first national title. Anna is now training for the 2018 Paralympic Winter Games in South Korea. She lives and trains in Park City, Utah. While completing her undergraduate degree she works as an adaptive sports instructor, and also as a public speaker to spread her message of redemption, acceptance of change, and the healing nature of sport.

## Life Flight Annual Memorial Lecture Speaker



Samuel Brown, MD is an NIH-funded researcher studying the body's response to life-threatening infection. He is also assistant director of critical care echocardiography at Intermountain Medical

Center. He has published widely on pneumonia, sepsis, and critical care echocardiography. Dr. Brown serves on the Ultrasound Certification Task Force for the Society of Critical Care Medicine and is frequent faculty at national and international courses on critical care ultrasound and echocardiography. Dr. Brown is also a respected medical humanist and ethicist with a special interest in embodiment, sickness, and the end-of-life.



#### **Keynote Speakers**

## William Beninati, MD\*

Assistant Professor, Internal Medicine Medical Director, Telecritical Care Medical Director, Intermountain Life Flight Adult Services

Anna Beninati Trauma Patient

## Life Flight Annual Memorial Speaker

Samuel Brown, MD\* Assistant Professor, Internal Medicine Shock Trauma Critical Care Intermountain Medical Center

#### **Guest Speakers**

Wyc Cheatham, MD Pediatric and Neonatal Intensivist Neonatal Critical Care Eastern Idaho Regional Medical Center

Scott DeBoer, RN, MSN, CEN, CCRN, CFRN, CPEN, EMT-P Flight Nurse University of Chicago Hospitals Seminar Leader, Peds-R-Us Medical Education

Donald M. Null Jr., MD, FAAP Professor, Neonatology Medical Director, Neonatal Critical Care UC Davis Children's Hospital

Howard Stein, MD Medical Director, Neonatology Pediatric Cardiologist Toledo Children's Hospital

## **Planning Committee**

Tammy Bleak, BSN, RN, C-NPT (Course Director) Audrey Bramwell, BSN, RN, C-NPT Linda Chatwin, BSN, RN, C-NPT Andrea Clement, BSN, RN, C-NPT Trisha DeGooyer, RNC, C-NPT Gina Honey, BSN, RN, C-NPT Lori McBride, BSN, RN, C-NPT Laurie Merrick, BSN, RN, C-NPT Chris Benitez, BSRT, RRT

#### **Pediatric Education Services**

Sahar Ameri, BS Aileen Hoggan, MSNED, RN, RN-BC Jonell Murray, MS Catherine Altenburg, BS Brenna Thomas, BSN Dan Berthold, BFA



#### **Local Faculty**

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

Robert Bryant, MD\* Adjunct Assistant Professor, Surgery Emergency Medicine Intermountain Medical Center

Andrea Clement, BSN, RN, C-NPT\* Neonatal Flight Nurse Intermountain Life Flight

Robert John DiGeronimo, MD Professor, Pediatrics Medical Director, Neonatal Critical Care Medical Director, Neonatal ECMO

Roger Faix, MD Professor, Pediatrics Neonatal Critical Care

Brett Hutchings\* Rotor Wing Pilot Utah Highway Patrol

Allison Keller, MD Associate Professor, Pediatrics Medical Director, Intermountain Life Flight Children's Services Pediatric MD, Utah EMS Pediatric Emergency Medicine

Ryan Oldroyd, BSN, RN, CCRN\* Pediatric Flight Nurse Intermountain Life Flight Pediatric Intensive Care Primary Children's Hospital

William Bradley Poss, MD, FACHE Professor, Pediatrics Medical Director, Pediatric Intensive Care

Erick Ridout, MD\* Medical Director, Neonatal Critical Care Medical Director, Intermountain Life Flight SWR Neonatal Services Dixie Regional Medical Center

Jeffrey E. Schunk, MD Professor, Pediatrics Pediatric Emergency Medicine

Andrew G. Smith, MD Assistant Professor, Pediatrics Pediatric Critical Care

Jon Woods, MD Associate Professor, Pediatrics Medical Director, Intermountain Life Flight Pediatric Services Pediatric Critical Care

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