

Memphis, Tennessee 38103 eunevA smebA 848

## Le Bonheur Children's Hospital Memphis, TN

Assistant Professor of Pediatrics

## **Nursing Director:**

## Leah M. Apalodimas, MSN, APN, CCRN, CPNP

Nurse Practitioner, Pediatric Interventional Cardiology Instructor, College of Nursing University of Tennessee Health Science Center Le Bonheur Children's Hospital Memphis, TN

# May 18-19, 2018 misodmys ТНЕ ІИТЕRИАТІОИАС ADA

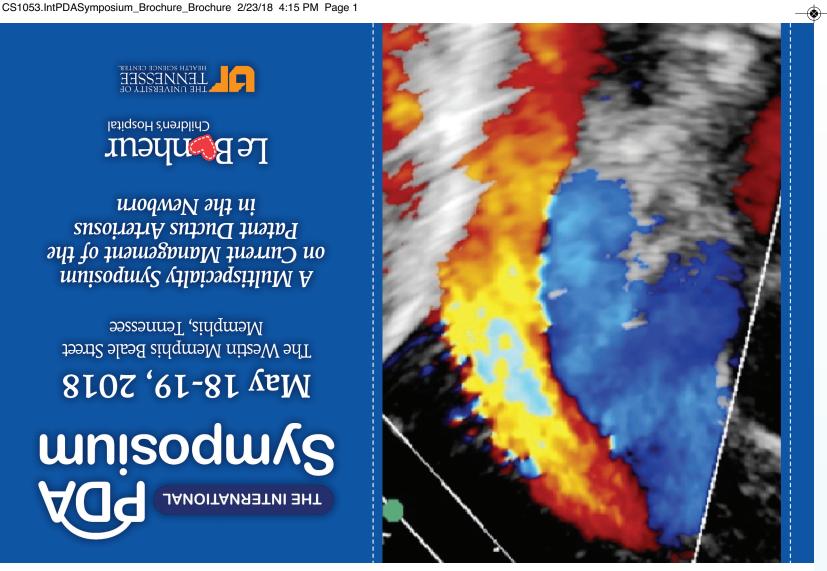
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Memphis, Tennessee The Westin Memphis Beale Street

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# The International PDA Symposium May 18-19, 2018 The Westin Memphis Beale Street • Memphis, Tennessee

## **Course Description**

This course brings world experts from neonatology, cardiology, cardiac surgery, cardiac anesthesia, and nursing, to have a robust discussion on the current management of the Patent Ductus Arteriosus (PDA) in the newborn. This multispecialty symposium encompasses state-of-the-art practices on how to keep the PDA open and how to close the PDA in newborns. Special focus will be on transcatheter PDA closure in extremely low birth weight, premature infants. The program will feature in-depth multispecialty panel discussions, review of the literature in multiple subspecialties, hands-on echocardiogram and catheter workshops, and expert lectures.

## **Target Audience**

Pediatric cardiologists, neonatologists, cardiac surgeons, intensivists, pediatric surgeons, pediatric interventional cardiologists, general pediatricians, cardiac anesthesiologists, neonatal and cardiac nurses, residents and fellows, neonatal and cardiac nurse practitioners and physician assistants.

## **Course Directors:**

## Shyam K. Sathanandam, MD, FSCAI

Medical Director, Invasive Cardiac Imaging & Interventional Catheterization Laboratory Assistant Professor, Pediatrics The University of Tennessee Health Science Center Le Bonheur Children's Hospital

Sheldon B Korones endowed Professor and Chief, Neonatology Medical Director, Le Bonheur Children's Hospital NICU The University of Tennessee Health Science Center

Assistant Professor, Pediatrics The University of Tennessee Health Science Center Le Bonheur Children's Hospital Memphis, TN

The University of Tennessee Health Science Center

## Mark Weems, MD

Memphis, TN Ranjit Philip, MD

Ajay Talati, MD Professor, Pediatrics and Obstetrics and Gynecology Vice-Chair for education, Pediatrics Program Director, Neonatal-Perinatal Medicine

# Memphis, TN

## **Program Faculty:**

## Neonatology

William Benitz, MD Stanford University Medical Center Palo Alto, CA

Ronald Clyman, MD University of California San Francisco School of Medicine San Francisco, CA

John Jeffrey Reese, MD Vanderbilt University Medical Center Nashville, TN

Patrick McNamara, MB, BCh, BAO, DCh, MRCPCH, MSc (Paeds), FRCPC The Hospital for Sick Children

Toronto, Ontario, Canada

Shahab Noori, MD, MS, CBTI, RDCS Children's Hospital Los Angeles Le Bonheur Children's Hospital Memphis, TN Children's Hospital Los Angeles Los Angeles, CA

Ramasubbareddy Dhanireddy, MD Le Bonheur Children's Hospital Memphis. TN

John Mitchell Ferguson, MD Le Bonheur Children's Hospital Memphis, TN

Sandeep Chilakala, MD Le Bonheur Children's Hospital Memphis, TN

Martin Bruce Jenkins, MD, MHA, FAAP Methodist Le Bonheur Healthcare Memphis, TN

#### Neonatology & Cardiology

Carl Backes, Jr., MD en's Hospita Columbus, OH

#### Cardiology

Neil Wilson, MB, BS, DCH, FRCP, FRCP [CH] Children's H Aurora, CO ital Colorado

Evan Zahn, MD, FACC, FSCAI Cedars-Sinai Heart Institute Los Angeles, CA

Matthew J. Gillespie, MD, FSCAI Children's Hospital of Phi Philadelphia, PA

Athar M. Qureshi, MD, FSCAI Baylor College of Medicir Houston, TX

Andrew C. Glatz, MD, MSCE Perelman School of Medicine Philadelphia, PA

Sophie Guiti Malekzadeh-Milani, MD The Necker University Hospital for Sick Children in Paris Paris, France

Jeffrey A. Towbin, MD Le Bonheur Children's Hospital Memphis, TN

Beniamin Rush Waller, III., MD Le Bonheur Children's Hospital Memphis TN

Vijaya M. Joshi, MD Le Bonheur Children's Hospital Memphis. TN

Glenn Thomas Wetzel, MD, PhD Le Bonheur Children's Host Memphis, TN

Jason Johnson, MD, MHS Le Bonheur Children's Hospital Memphis, TN

Michael Rebolledo, MD, MBA, MPH Le Bonheur Children's Hospital Memphis TN

Thomas Yohannan, MD Le Bonheur Children's Hospital Memphis, TN

Nithya Swaminathan, MD Le Bonheur Children's Hospital Memphis, TN

Ronak Naik, MD, DNB, FACC

Anthony C. Merlocco, MD Le Bonheur Children's Hospita Memphis, TN

Govinda Paudel, MD Le Bonheur Children's Hospital Memphis, TN

Jason Goldberg, MD Le Bonheur Children's Hospital Memphis, TN

Neil Taylor, MD Le Bonheur Children's Hospital Memphis, TN

#### **Cardiothoracic Surgery**

Christopher J. Knott-Craig, MD, FACS Le Bonheur Children's Hospita Memphis, TN

Umar Boston, MD Le Bonheur Children's Hospital Memphis, TN

**TK Susheel Kumar, MD** l e Bonheur Children's Hospita Memphis, TN

#### **Cardiac Anesthesia**

Adam Willis, MD, PhD Le Bonheur Children's Hospital Memphis, TN

## **Nursing Faculty:**

Ruth Seaton, MSN, RN-NIC Le Bonheur Children's Hospital Memphis, TN

Kimberly Allen, BSN, RN Le Bonheur Children's Hospital Memphis, TN

Chandler Williams, BSN, RN Le Bonheur Children's Hospita Memphis, TN

Julia Peredo, BSN, RN Le Bonheur Children's Hospital Memphis, TN

**Stephanie Whiting** The University of Tennessee Health Science Center Memphis, TN



## **Faculty Disclosure**

As a provider accredited by ACGME, Methodist Healthcare must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director, planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

## **Objectives**

#### Upon completion of this course the participant should be able to:

- Learn new methods in PDA management in premature infants.
- Participate in discussions related to controversies in PDA management. - Identify ductal dependent lesions and ways of maintaining adequate
- pulmonary blood flow. - Implement echocardiographic assessment of PDAs in clinical practice.
- Recognize new techniques of how to perform transcatheter PDA closure
- Review subtleties of nursing care of the premature infant with a PDA and post-PDA closure.

## Accreditation

Methodist Le Bonheur Healthcare is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Methodist Le Bonheur Healthcare is an approved provider of continuing nursing education by the Tennessee Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

## Credit

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Methodist Le Bonheur Healthcare designates this live activity for a maximum of 12 AMA PRA Category 1 Credits.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity. This activity will provide 12 contact hours. This activity will provide 12 SDMS credits.

## Tuition

The fee is **\$225** for physicians and **\$150** for nurse practitioners, fellows and residents, and **\$100** for nurses and students. The registration fee includes breakfast, lunch, breaks, and Friday reception. Full refund will be given for cancellation notice in writing before May 1. Cancellations after that date will be assessed a fee. No refunds will be given after May 15. Methodist Le Bonheur Healthcare reserves the right to alter, reschedule, or cancel this program should circumstances so dictate. For further information, call (901) 516-8933 or visit www.pdasymposium.org.

## **Conference Materials**

Conference materials will be available electronically. After registering for the conference, you will be given a link and password to access the materials. Materials will be available for downloading 3 days prior to the conference.

## **Conference Site**

The Westin Memphis Beale Street 170 Lt. George W. Lee Avenue • Memphis, TN 38103 (800) 937-8461

Ask for the "Le Bonheur PDA Conference" room block. For additional information, visit www.pdasymposium.org

## Friday, May 18, 2018

7:00 a.m. Breakfast & Registration

7:45 a.m. Introduction & Opening Remarks

Patent Ductus Arteriosus (PDA) in Preterm Infants Moderators: Ramasubbareddy Dhanireddy, Jason Johnson, Carl Backes

- 8:00 a.m. Ductal Physiology John Jeffrey Reese, MD
- 8:20 a.m. What is a Hemodynamically Significant PDA? Shahab Noori, MD
- 8:30 a.m. Effect of PDA on BPD Mark Weems, MD
- 8:45 a.m. Effect of PDA on the Heart - Jeff Towbin, MD
- Pulmonary Vascular Disease and PDA 8:55 a.m.
- Ranjit Philip, MD
- 9:05 a.m. Assessment of PDA in the Premature Infant by Echocardiography - Vijaya Joshi, MD
- 9:15 a.m. **Question & Answer Session**

#### Management of PDA in Preterm Infants - Neonatology and Cardiology Perspectives

Moderators: Neil Wilson, Patrick McNamara, Rush Waller

- Management of PDA in the Premature Infant -9:30 a.m. What Current Evidence Suggests William Benitz, MD
- 10:00 a.m. Management of PDA in the Premature Infant -The Cardiologist's Perspective Matthew Gillespie, MD
- 10:15 a.m. Question & Answer Session
- 10:30 a.m. Coffee Break Visit Posters and Vendor Booths

**PDA Closure Techniques in Extremely Low Birth** Weight (ELBW) Infants Moderators: Umar Boston, Sandeep Chilakala, **Michael Rebolledo** 

- 10:45 a.m. Pharmacotherapy for PDA Closure John Fergusson, MD
- 11:00 a.m. Surgical Ligation of PDA Chris-Knott Craig, MD **Complications of Surgical Ligation of PDA** 11:10 a.m. TK Susheel Kumar, MD
- 11:20 a.m. Post Ligation Syndrome - Patrick McNamara, MD 11:40 a.m. Overview of Trans-catheter PDA Closure in
- Preterm Infants Evan Zahn, MD
- 12:00 p.m. Question & Answer Session 12:10 p.m. Lunch Break - Visit Posters and Vendor Booths

**Transcatheter PDA Closure in ELBW Infants** 

Moderators: William Benitz, Evan Zahn, Matt Gillespie

- 1:00 p.m. Transport and Anesthesia Management of the ELBW Infant in the Cath Lab - Adam Willis, MD **Echocardiographic Guidance for Transcatheter** 1:10 p.m.
- PDA Closure in ELBW Infants Jason Johnson, MD 1:20 p.m. Can Transcatheter PDA Closure be Performed in Neonates < 1 kg?
- The Memphis Experience Shyam Sathanandam, MD Bedside Transcatheter PDA Closure in 1:40 p.m.
- Premature Infants Neil Wilson, MD The French Multicenter Registry Data on 2:00 p.m.
- **Transcatheter PDA Closure in Premature Infants** Guiti Milani, MD 2:15 p.m. **Question & Answer**
- 2:30 p.m. Coffee Break Visit Posters and Vendor Booths

Management of PDA in ELBW Infants - Future Directions Moderators: John Jeffrey Reese, Ajay Talati, Bruce Jenkins

2:45 p.m.	Transcatheter PDA Closure in ELBW Infants -
	Where do we go from here? - Carl Backes, MD
3:00 p.m.	Let the Wise Man Sum It All Up for Us
	Rush Waller, MD
3:15 p.m.	Question & Answer

#### **Ductal Dependent Pulmonary Circulation** Moderators: TK Susheel Kumar, Andrew Glatz, Jason

3:30 p.m. Overview of Ductal Dependent Pulmona Circulation Lesions - Anthony Merlocco, N 3:45 p.m. Ductal Stenting - What do I need to kno Athar Qureshi, MD

#### DEBATE

#### What is the Best First Palliation for Ductal Deper **Pulmonary Circulation Lesions?** Moderators: Chris Knott-Craig, Athar Quresh

#### Anthony Merlocco

- 4:10 p.m. BT-Shunt Umar Boston, MD 4:25 p.m. Ductal Stenting - Andrew Glatz, MD 4:40 p.m. Rebuttals
- 4:50 p.m. Question & Answer

#### **BREAK OUT SESSION**

**Targeted Neonatal Echocardiography (TnECH** (Separate Registration Required: Max 30 participant Course Directors: Ronak Naik, Vijaya Joshi

3:30 p.m. Overview of TnECHO - Patrick McNamara 3:45 p.m. Use of TnECHO in Clinical Practice Shahab Noori. MD 4:00 p.m. Hands on ThECHO Workshop Echo Station Leaders: Jason Johnson, MD Michael Rebolledo, MD, MBA, MPH, Govinda Paudel, MD, Neil Tailor, MD,

#### Stephanie Whiting

#### **BREAK OUT SESSION**

#### Nursing

**Course Director: Leah Apalodimas** 

3:30 p.m.	Nursing Care of the ELBW Infant with a P
	Chandler Williams, RN and Julia Peredo, RN
3:45 p.m.	Nursing Care of the ELBW Infant in the Card
	Catheterization Lab During TCPC - Kimberly
4:00 p.m.	Nursing Care of the ELBW Infant after
-	PDA Closure - Ruth Seaton, RN
4:15 p.m.	Interactive Case Studies - Ruth Seaton, RN,
•	Chandler Williams, RN, and Julia Peredo, RN

#### **BREAK OUT SESSION**

Hands on Transcatheter PDA Closure

#### Course Director: Shyam Sathanandam, MD

5:00 p.m.

6:00 p.m. Heavy Hors d'Oeuvres Reception

## Saturday, May 19, 2018

8:00 a.m. Introduction & Opening Remarks Course Directors Live Transcatheter PDA Closure Case Panelists: Matt Gillespie, Neil Wilson, Evan Zal 8:15 a.m. Live Case: Transcatheter PDA Closure Le Bonheur Children's Hospital, Memphis, 10:15 a.m. Elements of a Comprehensive PDA Prog Leah Apalodimas, APN, PNP 10:30 a.m. Practice Variations in Management of P in Premature Infants Athar Qureshi, MD 10:45 a.m. Coffee Break - Visit Posters and Vendor **Oral Abstract Presentations** 

## Moderators: Glenn Wetzel, Andrew Glatz, Mark W

11:00 a.m. Best Oral Abstract Presentations Speakers: TBD

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**Panel Discussion** 

Goldberg ary MD	Panel Chairpersons: Ajay Talati, Jeff Towbin, Christopher Knott-Craig, Rush Waller Panelists: Evan Zahn, Neil Wilson, Matt Gillespie, Andrew Glatz, William Benitz, John Reese, Patrick McNamara,
₩?	Carl Backes, Athar Quereshi, Shahab Noori, Shyam Sathanandam, Mark Weems, Ranjit Philip, Ramasubbareddy Dhanireddy, Bruce Jenkins and Ron Clyman
ndent	(Via Teleconference) 11:30 a.m.
ii,	12:30 p.m. Joint Statement and Recommendations from the First Annual International PDA Symposium
	1:00 p.m. Adjourn
<b>10)</b> ;)	The International
a, MD	PDA Symposium
D,	May 18-19, 2018
<i>)</i> ,	<b>Program Registration Form</b>
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