

# 2010 ISHAC Final Schedule

August 31, - September 2, 2010

<b>Monday</b> <b>Aug. 30, 2010</b> <b>6:00 – 8:00 pm</b>	<b>Registration</b> <b>Lobby of Hilton @ Easton</b>	
<b>Tuesday</b> <b>August 31, 2010</b>	<b>Skills Workshop Day One</b>	<b>Workshop Directors:</b> <b>Ralf J. Holzer, MD, FSCAI</b> <b>Alistair Phillips, MD</b> <b>Valerie Bergdall, DVM</b>
<b>8:30 am</b>	<b>Buses take Group 1 to Workshop</b>	
<b>9:00 –</b> <b>9:20 am</b>	<b>Continental Breakfast</b> <b>Welcome &amp; Overview of Stations</b>	<b>Ralf J. Holzer, MD, FSCAI</b> <b>Alistair Phillips, MD</b>
<b>9:20 am – Noon</b>  <b>OR</b>  <b>1:00 - 3:30 pm</b>	<b>SKILLS STATIONS</b> <b>I. Periventricular VSD Closure</b> <b>II. Intraoperative Stents</b> <b>III. Hybrid Stage I HLHS Palliation</b> ➤ PA Bands ➤ PDA Stent ➤ PA Flow Restrictors <b>IV. Perfusion Station</b> ➤ Emergency ECLS System	<b>FACULTY</b>
<b>11:30 am</b>	<b>Buses take Group 2 to Workshop</b>	
<b>Noon</b>	<b>Lunch Provided for Groups 1 &amp; 2</b>	
<b>1:00 pm</b>	<b>Buses return Group 1 to Hilton</b>	
<b>3:30 pm</b>	<b>Buses Group 2 return to Hilton or to NCH for Tours</b> <b>Buses from Hilton to NCH for Tours</b>	
<b>4:00-5:15</b> <b>5:15</b>	<b>Tour of Hybrid Suites @ NCH</b> <b>Buses return to Hilton</b>	
<b>6:00 –</b> <b>8:00 pm</b>	<b>Registration</b> <b>Hilton @ Easton</b>	

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<b>Tuesday August 31, 2010</b>	<b>Perfusion Workshop Day One</b>	<b>Workshop Directors: Vincent Olshove, CCP Dan Gomez, CCP Tom Preston, CCP</b>
<b>8:30 am</b>	<b>Transportation from Hilton to Workshop</b>	
	<b>Session 1</b>	
<b>9:00 – 9:30 am</b>	<b>Continental Breakfast Welcome &amp; Overview</b>	<b>Vincent Olshove, CCP</b>
<b>9:30 – 10:00 am</b>	<b>Perfusion Role in Cardiac Hybrid OR &amp; Cath Suite Design</b>	
<b>10:00 – 12:00 pm</b>	<b>SKILLS STATIONS</b> <b>V. Hybrid Perfusion Circuit Design</b> <b>VI. Incorporating Cardioplegia &amp; Suckers</b> <b>VII. Converting from Bypass to ECMO</b> <b>VIII. New technologies for the Cath Lab</b>	<b>FACULTY</b>
<b>12:00 pm</b>	<b>Lunch Provided</b>	
<b>1:00 pm</b>	<b>Return to Hilton</b>	
	<b>Session 2</b>	
<b>1:00 to 1:15 pm</b>	<b>Welcome &amp; Overview</b>	
<b>1:15 – 1:45 pm</b>	<b>Perfusion Role in Cardiac Hybrid OR &amp; Cath Suite Design</b>	
<b>1:45 – 3:30 pm</b>	<b>SKILLS STATIONS</b> <b>IX. Hybrid Perfusion Circuit Design</b> <b>X. Incorporating Cardioplegia &amp; Suckers</b> <b>XI. Converting from Bypass to ECMO</b> <b>XII. New technologies for the Cath Lab</b>	<b>FACULTY</b>
<b>3:30 pm</b>	<b>Return to Hilton or Tour Nationwide Children’s Hospital</b>	
<b>4:00 – 5:15 pm</b>	<b>Tour of Hybrid Suites at NCH</b>	
<b>5:15 pm</b>	<b>Buses Return to Hilton</b>	
<b>6:00 – 8:00 pm</b>	<b>Registration Hilton @ Easton</b>	

# 2010 ISHAC Final Schedule

August 31, - September 2, 2010

<b>Wednesday Sept. 1, 2010</b>	<b>Symposium Day One</b>	<b>Directors: John P. Cheatham, MD, FSCAI Mark Galantowicz, MD, FSCAI</b>
7:00 – 7:45	<b>Continental Breakfast &amp; Registration Posters &amp; Displays</b>	
7:45 – 8:00	<b>Welcome</b>  <b>Introductory Remarks</b>	<b>Steve Allen, MD</b> <b>Abigail Wexner</b>  <b>John P. Cheatham, MD, FSCAI</b> <b>Mark Galantowicz, MD, FSCAI</b>
	<b>HYPOPLASTIC LEFT HEART SYNDROME</b>	<b>Moderators:</b> Ziyad Hijazi, MD, FSCAI & Chris Caldarone, MD Carlos Pedra, MD
8:00 – 8:20	Update from the Single Ventricle Reconstruction Trial	Rick Ohye, MD
8:20 – 8:40	Hybrid Update from Giessen, Germany	Dietmar Schranz, MD
8:40 – 9:00	Hybrid Update from Columbus, Ohio	Mark Galantowicz, MD, FSCAI
9:00 – 9:20	Update from Fetal Experience at CHB	Doff McElhinney, MD, FSCAI
9:20 – 9:40	<b>Discussion</b>	
9:40 – 10:15	<b>LIVE CASE – NCH Hybrid OR Suite Intraoperative PA Stents During Pulmonary Valve Replacement</b>	Ralf Holzer, MD, FSCAI Alistair Phillips, MD
10:15 – 10:30	<b>Break</b>	
	<b>HYPOPLASTIC LEFT HEART SYNDROME</b>	<b>Moderators:</b> William T. Mahle, MD & Simone Fontes Pedra, MD
10:30 – 10:45	Cerebral Blood Flow and Neurodevelopment After Hybrid Stage I	Sharon L. Hill, ACNP, PhD(c)
10:45 – 11:00	PDA Stent Histopathology	Pam Lucchesi, PhD
11:00 – 11:15	Echo/Angio...The Retrograde Aortic Arch	John Kovalchin, MD
11:15 – 11:30	<b>Discussion</b>	
11:30 – 12:00	<b>LIVE CASE – NCH Hybrid Cath Suite</b>  <b>Hybrid Stage I Palliative PA Bands &amp; PDA Stent in HLHS with Possible Per-Atrial ASD Stent</b>	<b>Case Moderators:</b> Ziyad Hijazi, MD, FSCAI & Chris Caldarone, MD Carlos Pedra, MD  John P. Cheatham, MD, FSCAI Mark Galantowicz, MD, FSCAI Sharon Hill, ACNP, PhD(c)

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August 31, - September 2, 2010

<b>12:00</b> <b>12:15 – 12:35</b>	<b>Box Lunch Provided</b> <b>How to Analyze Early Results Using the Hybrid Approach to HLHS</b>	Dan Gruenstein, MD
<b>12:35 – 1:00</b>	<b>Other Strategies for Retrograde Aortic Arch Flow</b>	Chris Caldarone, MD
<b>1:00 – 2:15</b>	<b>FONTAN</b>	<b>Moderators:</b> Rick Ohye, MD & Doff McElhinney, MD, FSCAI
<b>1:00 – 1:20</b>	Outcomes for HLHS .... Get Real	William T. Mahle, MD
<b>1:20 – 1:40</b>	VAD Assisted Fontan .... A Glimpse of the Future	Mark Rodefeld, MD
<b>1:40 – 2:00</b>	Transcatheter Fontan Experience.... Past, Present, & Future	John P. Cheatham, MD, FSCAI
<b>2:00 – 2:20</b>	Fontan Completion After Hybrid Stage I & Comprehensive Stage II	Mark Galantowicz, MD, FSCAI
<b>2:20 – 2:40</b>	<b>Discussion</b>	
<b>2:40 -3:15</b>	<b>LIVE CASE (Video Recorded) –</b> <b>Histotripsy for Creation of Septal Defects in Piglets</b>  ----- <b>Follow-up on Earlier Live Cases</b>	Zhen Xu, PhD Gabe Owen, MD, PhD  -----
<b>3:15-3:30</b>	<b>Break</b>	
	<b>VSD AND STENTS</b>	<b>Moderators:</b> Charles E. Mullins, MD, FSCAI Dietmar Schranz, MD & Dan Gruenstein, MD
<b>3:30 - 3:45</b>	Hybrid Approach to RVOT Obstruction	Shoujun Li, MD
<b>3:45 - 4:00</b>	Endoscopic Guidance in the O.R.	Alistair Phillips, MD
<b>4:00 - 4:15</b>	Intraoperative Stents	Evan Zahn, MD, FSCAI
<b>4:15 – 4:30</b>	Exit Angiography	Ralf Holzer, MD, FSCAI
<b>4:30 – 4:45</b>	Perventricular MVSD Closure – Catheter Based	Ziyad M. Hijazi, MD, FSCAI
<b>4:45 – 5:00</b>	Perventricular MVSD Closure – Surgical Based	Nikolay V. Vasilyev, MD
<b>5:00 – 5:15</b>	<b>Discussion</b>	
<b>5:15 – 5:30</b>	<b>WRAP UP</b>	John P. Cheatham, MD, FSCAI Mark Galantowicz, MD, FSCAI
<b>6:30</b>	<b>Buses leave hotel for Gala Dinner</b>	
<b>7:00 – 11:00</b>	<b>Gala Dinner @ The Party Barn with entertainment and dancing</b>	<b>International Sports Theme</b>

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Thursday Sept. 2, 2010	Symposium Day Two	Directors: John P. Cheatham, MD, FSCAI Mark Galantowicz, MD, FSCAI
7:00 – 7:45	Continental Breakfast, Posters & Displays	
7:45 – 8:00	Update & Announcements	John P. Cheatham, MD, FSCAI Mark Galantowicz, MD, FSCAI
8:00 – 9:00	<b>KEYNOTES</b>	
8:00-8:30	Having an idea and bringing it to reality...the Melody experience & beyond	Philipp Bonhoeffer, MD, FSCAI
8:30-9:00	Characteristics of a Successful Hybrid Program	John Byrne, MD
9:00-9:20	Discussion	
9:20 – 10:00	LIVE CASE – (ULAR at OSU)  Perventricular Placement of Melody TPV ----- Perventricular Surgical Closure of MVSD	Evan Zahn, MD, FSCAI Ralf Holzer, MD, FSCAI Patrick McConnell, MD ----- Nikolay V. Vasilyev, MD Simone Fontes Pedra, MD
10:00 – 10:15	Break	
	<b>NEW MATERIALS &amp; TECHNOLOGIES FOR HYBRID THERAPIES</b>	<b>Moderators:</b> Mario Carminati, MD, FSCAI & David Zhao, MD
10:15 – 10:30	Biodegradable Stents	Dietmar Schranz, MD
10:30 – 10:45	MRI Imaging	Philipp Bonhoeffer, MD, FSCAI
10:45 – 11:00	3-D Rotational Angiography	Evan Zahn, MD, FSCAI
11:00 – 11:15	Histotripsy	Zhen Xu, PhD
11:15 – 11:30	Discussion	
	<b>TOP ABSTRACT PRESENTERS</b>	<b>Moderator:</b> Tim Feltes, MD <b>Panel:</b> Mario Carminati, MD, FSCAI Daniel Gruenstein, MD Ziyad Hijazi, MD, FSCAI Shoujun Li, MD
11:30 – 11:40	Energy Losses Following Palliative Strategies for HLHS: Pilot Study Using Computational Fluid Dynamics	Jeffrey Shuhaiber, et al University of Cincinnati
11:40 – 11:50	The Hybrid Septoplasty Technique for Neonates with HLHS and Intact or Highly Restrictive Atrial Septum	J. Curt Fudge, et al Duke University & University of Florida
11:50 – 12:00	Borders and Frontiers to Pass Through the Way to Create A New Hybrid Cardiac Centre-Gdansk Experience	Ireneusz Haponiuk, et al Mikolaj Kopernik Pomeranian Centre of Traumatology

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12:00 12:15 – 1:00	Box Lunch Provided Designing Hybrid Suites ... Obstacles & Rewards	Daniel Gruenstein, MD Vince Olshove, CCP
	Other Hybrid Therapies	<b>Moderators:</b> Curt Daniels, MD & Alistair Phillips, MD
1:00 – 1:20	Hybrid Approach in Adult Cardiac Surgery	David Zhao, MD
1:20 – 1:40	Current Therapy with Aortic Valves	Ziyad M. Hijazi, MD, FSCAI
1:40 – 2:00	Possibilities for Pulmonary Valves	Philipp Bonhoeffer, MD, FSCAI
2:00 – 2:20	Percutaneous Transapical Perivalve Leak Closure using CT Guidance	Carlos Ruiz, MD, FSCAI
2:20 – 2:40	Possibilities in Fetal Cardiac and Pulmonary Interventions	Carlos Pedra, MD
2:40 – 2:55	How should we determine reality from fairytales in evaluating outcomes for new therapies?	William T. Mahle, MD
2:55 – 3:15	<b>Discussion</b>	
3:15 – 3:30	<b>BREAK</b>	
	Live & Nightmare Cases	<b>Moderator:</b> Ralf Holzer, MD, FSCAI <b>Panel:</b> Mario Carminati, MD, FSCAI, Carlos Ruiz, MD, FSCAI Rick Ohye, MD, & Chris Caldarone, MD
3:30 – 4:15	<b>LIVE CASES – Video Recorded</b>  Transapical Closure of Para MV Leak  ----- Hybrid Rescue of the Melody TPV	Ziyad Hijazi, MD, FSCAI Rush Universtiy – Chicago  ----- Evan Zahn, MD, FSCAI Miami Children’s Hospital
4:15 – 5:00	Hybrid Nightmare Cases	
5:00 – 5:15	<b>CLOSING REMARKS</b>	John P. Cheatham, MD, FSCAI Mark Galantowicz, MD, FSCAI

## OPTIONAL OHIO STATE FOOTBALL GAME

*Experience Fall in the Big 10*

5:45	Load Buses at Hilton and Boxed Meals	
6:00	Buses Leave Hilton to OSU	
7:30	OSU v. Marshall	
	Buses return to Hilton After the Game	