

**UT Southwestern  
Pediatric Cardiology  
Recent Fellow Graduates**

**Riad Abou Zahr, MD**  
**Imaging / MRI**  
**4<sup>th</sup> Year Fellowship**



**Education:**

BS, American University of Beirut - School of Medicine, Lebanon, 1997-2000  
MD, American University of Beirut - School of Medicine, Lebanon, 2000-2004

**Post-doctoral Training:**

Yale University School of Medicine, New Haven, CT, Pediatric Cardiology Fellowship, 2012-2015

Columbia University the Affiliation at Harlem Hospital Center, New York, NY, Pediatric Residency, 2009-2012

**Publications:**

Pierce RW, **Abou Zahr R**, Kandil SB, Faustino VE, Pober JS. "Sera from children after cardiopulmonary bypass does not induce permeability of capillary endothelial cell barriers" *Pediatr Crit Care Med*. 2018 Apr 12

Henningsson M, **Abou Zahr R**, Greil G, Burkhardt B, Tandon A, Hussain T. Feasibility of 3D black-blood variable refocusing angle fast spin echo for visualization of the whole heart and great vessels. in peer review Feb 2018

Steele MM, **Zahr RA**, Kirshbom PM, Kopf GS, Karimi M. Quality of Life for Historic Cavopulmonary Shunt Survivors. *World J Pediatr Congenit Heart Surg*. 2016 Sep;7(5):630-4. PMID:27587501

**Abou Zahr R**, Faustino VE, Carpenter T, Kirshbom P, Hall EK, Fahey JT, Kandil SB. Vitamin D Status after Cardiopulmonary Bypass in Children with Congenital Heart Disease. *J Intensive Care Med*. 2016 Jun 1. PMID: 27251108

**Abou Zahr R**, Kirshbom PM, Kopf GS, Sainathan S, Steele MM, Elder RW, Karimi M. Half a Century's Experience with the Superior Cavo-Pulmonary (Classic Glenn) Shunt. *Ann Thorac Surg*. 2016 Jan;101(1):177-82 PMID: 26603022

**Abou Zahr R**, Hellenbrand WE, Asnes J. Iatrogenic Left Pulmonary Artery to Left Atrium Fistula. *Catheter Cardiovasc Interv*. 2015 Apr;85(5):847-9 PMID: 25257952

**Abou-Zahr RA**, Kandil SB. A Pediatric Critical Care Perspective on Vitamin D. *Pediatr Res*. 2015 Jan;77(1-2):164-7 PMID: 25314583

**Abou Zahr R**, Ashfaq A, Marron-Corwin M. Neonatal Pulmonary Hemorrhage. *Neoreviews* Vol.13 No.5 May 1, 2012 pp.e302 -e306

**Abou Zahr R**, Hamzah M, Fernandez A. Necrotizing Pneumonia in a Child Immunized with PCV7. Consultant for Pediatrician. Dec 2011; 12(10): 409-411

Alexander Browne J, L. Pearson A, **Abou Zahr R**, Niculescu-Duvaz I, L. Baines D, E.C. Dockrell M. "TGF- $\beta$  activates ERK5 in human renal epithelial cells". Biochemical and Biophysical Research Communications. Aug 2008; 373(3): 440-444; PMID 18588859

### **Presentations:**

R Markus, M Batsis, R Abou Zahr, A Dyer, A Tandon, G Greil, T Hussain "Velocity Encoded Cine Imaging of Mitral Valve Inflow: A novel method to determine cardiac rest periods in coronary magnetic resonance imaging" American Academy of Pediatrics (AAP) National Conference & Exhibition (NCE), Orlando, Nov. 2018

Y Arar, R Abou Zahr, T Hussain, J Hernandez, S Reddy "Radiation Free Heart Catheterization by MRI – First Ten Cases" Pediatric and Adult Interventional Cardiac Symposium (PICS-AICS), Las Vegas, Sep. 2018

Y Arar, A Nugent, S Veeram Reddy, T Zellers, V Dimas, R Abou Zahr, A Tandon, T Hussain, "3D advanced imaging overlay for congenital heart disease intervention with rapid registration" Society of Cardiovascular Computed Tomography (SCCT), Dallas, Texas, July 2018

M. Henningsson, G. Greil, R. Abou Zahr, A. Tandon, B. Burkhardt, T. Hussain. "Volumetric black-blood fast spin echo for the visualisation of whole-heart and great vessels" ISMRM meeting in Paris, June 2018

R. Abou Zahr, N Uddin, K Sharma, T Hussain. "Small mass ? fibroelastoma on mitral valve" The Joint EuroCMR/SCMR Meeting (Cardiovascular Magnetic Resonance 2018) in Barcelona, Spain February 2018

R. Abou Zahr, P.M. Kirshbom, G.S. Kopf, S. Sainathan, M.M. Steele, R.W. Elder, M. Karimi "Half a Century's Experience with the Glenn Shunt" Poster presented at American College of Cardiology 64th annual meeting in San Diego, USA March 2015

M.M. Steele, R. Abou Zahr, P.M. Kirshbom, G.S. Kopf, R.W. Elder, M. Karimi "Quality of Life following Superior Vena Cavo-Pulmonary Artery (Glenn) Shunt: Longitudinal Follow-up of a Single Institution Original Cohort" Poster presented at AATS Annual Meeting in Seattle, USA April 2015

"TGA with Bilateral Conus" Case presentation (10/1/2014) Fetal Echocardiography Symposium featuring AHA/CVDY visiting professor Dr. Wayne Tworetzky at Children's Hospital at Montefiore/Albert Einstein College of Medicine, NY

R. Abou Zahr, MD, E.VS. Faustino, MD, T. Carpenter, MD, P. Kirshbom, E K. Hall, MD, J.T. Fahey, MD, S.B. Kandil, MD (5/6/2015) "Vitamin D Status after Cardiopulmonary Bypass in Children with Congenital Heart Disease" Yale Annual Pediatric Research Forum, New Haven

R. Abou Zahr, M. Hamzah, A. Fernandez (03/08/2010) "Emergence of Invasive Pneumococcal Disease in Children Immunized with the Heptavalent Pneumococcal Conjugate Vaccine" Resident Research Fair, Harlem Hospital Center, New York

H. El Bashir, R. Abou Zahr, O. Neth, R. Mukherjee ESPID Switzerland (05/2006) "Diagnostic value of laboratory investigations in the diagnosis of Tuberculosis in children"

**Andrew Tran, MD**  
**Pediatric Cardiology Fellowship**



**Education:**

BA, Case Western Reserve, Cleveland, OH 2007  
MD, Case Western Reserve, Cleveland, OH 2012

**Postdoctoral Training:**

UT Southwestern, Dallas, Pediatric Residency, 2012-2015

**Publications:**

Tran AH, Kiamanesh F, Maga JM, Blitz A, Salgado CJ. Use of an intravascular warming catheter to maintain normothermia during flap reconstruction of the sternum. J Clin Anesth; 2012; 24(5):430-1.

Tran A, Fixler D, Huang R, Meza T, Lacelle C, Das BB. Donor-specific HLA alloantibodies: Impact on cardiac allograft vasculopathy, rejection, and survival after pediatric heart transplantation. J Heart Lung Transplant. 2016;35(1):87-91.

**Research:**

Atherosclerosis, Aortic Stiffness, and Cardiac Function in Pediatric Patients with Familial Hypercholesterolemia Assessed by MRI – Principal Investigator: M. Tarique Hussain, MD

Determining the role of HLA antibodies in pediatric heart transplantation – Principal Investigator: Bibhuti Das, MD

**Presentations:**

Atherosclerosis, Aortic Stiffness, and Cardiac Function in Pediatric Patients with Familial Hypercholesterolemia Assessed by MRI, AAP Oral Presentation – September 2017

**Jerry Michael, MD**  
**Pediatric Cardiology Fellowship**



**Education:**

BS, Texas A&M, College Station, TX 2008MD, University of Texas School of Medicine, San Antonio, TX 2012

**Postdoctoral Training:**

Baylor Hospital, Houston, TX, Pediatric Residency, 2012-2015

**Research:**

Sinus Node Dysfunction after the Fontan Procedure is associated with Reduced Atrial Active Ejection Fractions as Measured by Cardiac MRI; Authors: **Jerry Michael, M.D.**; Tarique Hussain, M.D., Ph.D.; William Scott, M.D.; Gerald Greil, M.D., Ph.D.; Animesh Tandon, M.D.; and Ilana Zeltser, M.D.

**Presentations:**

Sinus Node Dysfunction after the Fontan Procedure is associated with Reduced Atrial Active Ejection Fractions: Authors: **Jerry Michael, M.D.**; Tarique Hussain, M.D., Ph.D.; William Scott, M.D.; Gerald Greil, M.D., Ph.D.; Animesh Tandon, M.D.; and Ilana Zeltser, M.D.: Poster presentation at the 2018 conference of the American College of Cardiology