

Deemah R. Mahadin, M.D.

*Assistant Professor of Pediatrics
Central Michigan University*

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EDUCATION

DATES

Graduate:

Bachelor of Medicine, Bachelor of Surgery (MB,BS):

Jordan University of Science and Technology, Irbid, Jordan

9/1996 – 6/2002

POSTGRADUATE TRAINING

Pediatric Cardiology, Fellowship: Mount Sinai Medical Center,
New York, NY

7/2007– 6/2010

Pediatric Residency: Children's Hospital of Michigan, Wayne State University
School of Medicine, Detroit, MI

7/2004– 6/2007

Rotating Internship: 3 months each of general surgery and internal medicine,
2 months each of pediatrics and obstetrics and gynecology, and one month each
of emergency medicine and public health, Jordan Ministry of Health, Irbid,
Jordan

7/2002– 6/2003

FACULTY APPOINTMENTS

Assistant Professor of Pediatrics: Division of Cardiology, Department of
Pediatrics, Central Michigan University School of Medicine, MI

4/2020-present

Assistant Professor of Pediatrics: Division of Cardiology, Department of
Pediatrics, Wayne State University School of Medicine, Detroit, MI

9/2016- 4/2020

Visiting Professor: Al-Faisal Medical School, Riyadh,
Kingdom of Saudi Arabia

10/2014– 6/2015

Assistant Professor of Pediatrics: Division of Cardiology, Department of
Pediatrics, Wayne State University School of Medicine, Detroit, MI

7/2010- 8/2014

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

Pediatric Cardiologist, Children's Hospital of Michigan, Detroit, MI	7/2015- present
Consultant Pediatric Cardiologist, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia	10/2014- 6/2015
Pediatric Cardiologist, Children's Hospital of Michigan, Detroit, MI	7/2010- 8/2014

MAJOR PROFESSIONAL SOCIETIES

American Society of Echocardiography	2011-present
Society of Pediatric Echocardiography	2011-present
Fetal echocardiography Society	2020-present

BOARD CERTIFICATION

American Board of Pediatrics, sub-board of Pediatric Cardiology.	Certified 11/2010
American Board of General Pediatrics.	Certified 8/2007

HONORS/AWARDS

Critical Care Medicine Award for Outstanding Performance by a Resident, Children's Hospital of MI, Detroit, MI	06/2007
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SERVICE

Wayne State University	7/2010-8/2014
Departmental/Divisional:	and 7/2015-present

General Pediatric Cardiology

Echocardiography

Fetal Echocardiography

Pulmonary hypertension

Member of the Clinical Excellence Committee

Scholarly Service:

Service for Peer-Reviewed Journals

Review of Manuscripts:

- Congenital Heart Diseases – Reviewer (1-2/y)
- Pacing and Clinical Electrophysiology – Reviewer (1-2/y)
- Progress in Pediatric Cardiology- Reviewer (2-3/y)

Co-investigator in a multi-center study: A long term study to evaluate outcomes in patients with infantile-onset Pompe disease who are receiving Myozyme therapy prior to one year of age.

Co-investigator in a multi-center study: A long term study to evaluate outcomes in patients with infantile-onset Pompe disease who are receiving Lumizyme therapy over one year of age.

Co-investigator in a multi-center study: Milrinone Pharmacokinetics and Pharmacodynamics in Newborns with Persistent Pulmonary Hypertension of the Newborn - A pilot study to enable a randomized trial of intervention.

Co-investigator in a multi-center study: Reading echocardiograms for patients enrolled in the: Melody transcatheter pulmonary valve post approval study.

Member of the Scholarly Oversight Committee for Pediatric cardiology fellows- Wayne State University, Detroit MI.

Member of the Clinical Excellence Committee at Children's Hospital of Michigan, Detroit MI.

Community Service:

Pediatric Care in Kampala, Uganda

10/2006

Pediatric Care (cystic fibrosis patients) in Irbid, Jordan

2000-2002

TEACHING

2015- Present

Medical Students:

Pediatric Cardiology Outpatient clinic - 2-3 days/week

Residents and Fellows:

Pediatric Cardiology Outpatient clinic - 2-3 days/week

Pediatric Cardiology Inpatient Rotation: bedside teaching - 2 weeks biannually

General Pediatric Board Review- Yearly

Pediatric Echocardiography conferences - Weekly

Pediatric Echocardiography laboratory - 1-2 days/week

Diastology lecture - Yearly

CME Echocardiography lecture for Pediatric Cardiology fellows, faculty and echocardiography sonographers

Fetal Echocardiography lecture – Yearly

CME Echocardiography lectures for Pediatric fellows, faculty and echocardiography sonographers

Transposition of the great arteries lecture- Yearly

CME lectures for Maternal Fetal Medicine fellows

Member of the Educational Committee for Pediatric cardiology fellows

PRESENTATIONS

Podium Presentations

Pediatric Research Day/ Mount Sinai School of Medicine, New York NY: Poster presentation: Cardiomyopathy in a patient with Wegener's Granulomatosis	2008
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Poster Presentations

CHOP conference- Cardiology 2011, Scottsdale AZ: Poster presentation; Outcomes of mitral regurgitation associated with large VSD and a normal mitral valve apparatus. Does intact atrial septum have an impact?

Assessment of Left Ventricle Function with 2-D Strain Speckle Tracking Echocardiography in Patients Following Balloon Aortic Valvuloplasty For Aortic Valve Stenosis. AAP 2018

Histological Changes of Bronchopulmonary Dysplasia and Pulmonary Hypertension: An Autopsy Series of 43 Preterm Infants". PAS 2019

Prediction of Moderate to Severe Bronchopulmonary Dysplasia in Extremely Premature Infants". PAS 2019

Invited Lectures/Presentations

Local/regional

Invasive cardiology fellows didactics/ Mount Sinai Medical Center, New York NY: A case of a teenager with anomalous origin of LCA from Right Sinus of Valsalva.

2009

PUBLICATIONS

Peer-Reviewed Publications

Reports of Original Work

1. **Mahadin D**, Srivastava S, Parness I, Nguyen K, Love B, Walsh R, Geiger M, Nielsen J. Outcomes of mitral regurgitation associated with large VSD and a normal mitral valve apparatus. Does intact atrial septum have an impact?. Pediatr Cardiol. 2011 Dec;32(8):1128-31. Epub 2011 Apr 22.
2. Bansal N, **Mahadin D**, Smith R, French M, Karpawich P, Aggarwal S. Comparative cardiorespiratory fitness in children: Racial disparity may begin early in childhood. Pediatr Cardiol. 2019 Aug;40(6):1183-1189. Epub 2019 Jun 8.
3. Takajo D, **Mahadin D**, Aggarwal S. A rare anomalous systemic venous return with bilateral absence of superior vena cava. Ann Thorac Surg. 2021 Jun;111(6):e461. doi: 10.1016/j.athoracsur.2021.02.056. Epub 2021 Mar 8.

Case Reports

1. Nagiub M, **Mahadin D**, Gowda S, Aggarwal S. Prenatal diagnosis of coronary artery fistula: a case report and review of literature. AJP Rep. 2014 Nov;4(2):e83-6. doi: 10.1055/s-0034-1386636. Epub 2014 Aug 21.
2. Bansal N, **Mahadin D**, Aggarwal S. Complete tracheal rings and hypoplastic left heart variant: a rare and fatal association. Cardiol Young. 2019 Jan 30:1-3.