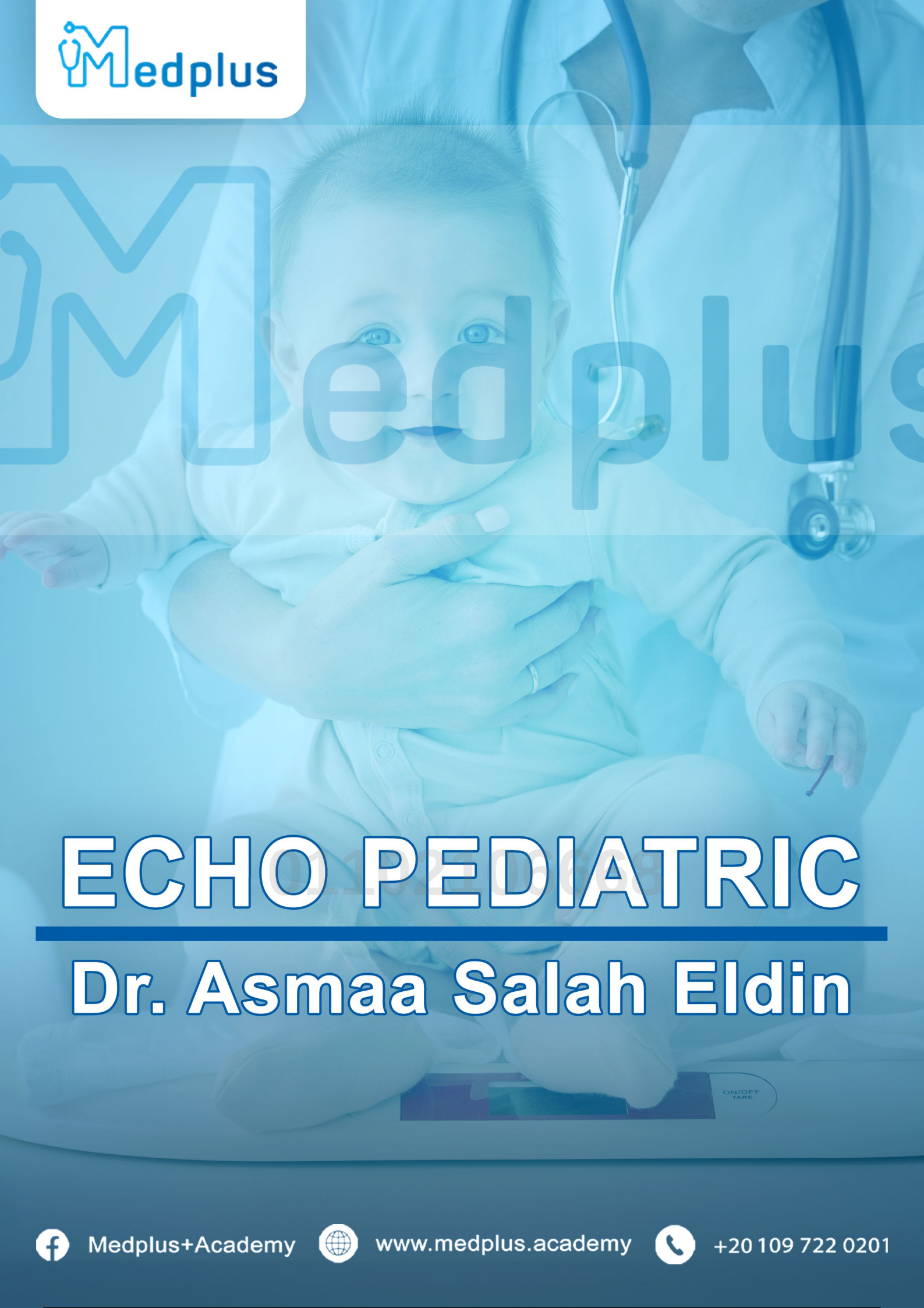


ECHO PEDIATRIC

Dr. Asmaa Salah Eldin

Medplus+Academy www.medplus.academy +20 109 722 0201

Medplus

DR. Asmaa Salah Eldin

- Master's degree of pediatric cardiology
- Assistant lecturer at pediatric Dept., National heart institute
- Research assistant at Helmy institute, Zewail University
- Pediatric cardiologist in Aswan heart center, Magdy Yaqoub foundation in 2018 - 2021
- Pediatric electrophysiology fellow in Aswan heart center, Magdy Yaqoub foundation in 2020 - 2021

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Medplus

COURSE OVER VIEW

- Duration of the course is 7 lectures
- In this course you will learn the skills of answering Echo pediatric course theory exam questions confidently
- You will adapt the knowledge you gained to the question frame and time limit of the exam setting

Medplus

WE OFFER YOU

- An extensive comprehensive course for echo pediatric course
- Focused revision on each system in separate lectures for echo pediatric course
- Training on different types of questions - Quizzes mimicking real exam situation and feedback about answers
- Continuous whatsApp support by instructors
- Technical support 24 hours

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Course Content

Basics of pediatric echo

- How does the machine work?
- Clinically applied physics
- Echo anatomy
- Echo modalities and views
- How to get echo views

Segmental approach

- How to optimize image
- Segmental approach for pediatric echo
- Normal heart anatomy
- Chamber morphology

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Classification of CHD

- Classification of CHD
- A cyanotic CHD
  (ASD, VSD, PDA, PAPVD, AP window ,CoA, CAVC, PAVC)

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Cyanotic CHD

- Cyanotic heart disease (TOF, truncus, TGA, TAPVD ,Ebstein anomaly)
- Cardiac function assessment

Valvular diseases & Role of echo in NICU & PICU

- RVOT lesion& LVOT lesions
- Mitral Valve lesions
- Tricuspid valveclesions
- Role of echo in NICU and PICU
  Pulmonary hypertension, volume status , assessment, Kawasaki disease, myocarditis

Complex CHD & Reporting

- Complex heart diseases
- Single ventricle varities
- Dextrocardia
- Myocardial heart disease
- How to write echo report

Clinical

- Cases and Dr assessment (spot diagnosis, certain view to get, MCQ)

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Lectures	Day	Topic	Day	Date
Lec 1	Day 1	Basics of pediatric echo	Friday	14-08-2026
Lec 2	Day 2	Segmental approach	Friday	21-08-2026
Lec 3	Day 3	Classification of CHD	Friday	28-08-2026
Lec 4	Day 4	Cyanotic CHD	Friday	04-09-2026
Lec 5	Day 5	• Valvular diseases • Role of echo in NICU& PICU	Friday	11-09-2026
Lec 6	Day 6	• Complex CHD • Reporting	Friday	18-09-2026
Lec 7	Day 7	Clinical	Friday	25-09-2026

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