

## Cardiovascular hemodynamics assessment in children

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**Objectives:** To know how we can assist the cardiac hemodynamics, What we measure: Intra cardiac pressures.


What we calculate: Cardiac output; Qp (pulmonary blood flow); Qs (systemic blood flow); PVR (Pulmonary vascular resistance); SVR (systemic vascular resistance); Ejection Fraction; RVSP (Right ventricle systolic pressure ); PAP (Pulmonary artery pressure); Obtaining accurate hemodynamics requires careful attention to detail; Calculation of cardiac output has many potential sources of error; Limit assumptions

as much as possible; Valuable information about disease states can be obtained with basic diagnostic catheterization and good Echo.

### Speaker Biography

Samah Alasrawi is a Paediatric Cardiologist at Al Jalila Children's from 3 years ago. After graduating from Damascus University, Syria, followed by a Master's degree in paediatric cardiology. Besides having worked in numerous private hospitals in Damascus as a Consultant Paediatric Cardiologist, She also had a private practice with clinical and research interests in congenital heart diseases, pulmonary hypertension, cardiomyopathies, and arrhythmias in children.

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