

## **Echocardiographic Evaluation of Pediatric Cardiomyopathy**

**Benjamin W Eidem, MD, FASE**

Diagnosis and clinical management decisions are best facilitated by non-invasive imaging in patients with cardiomyopathies. This lecture will detail the echocardiographic evaluation of cardiomyopathies, namely hypertrophic cardiomyopathy, and describe the various echocardiographic techniques that best characterize the anatomic and physiologic abnormalities as well as aid in the important clinical decision making in these patients. Both traditional 2D and Doppler techniques as well as novel imaging strategies will be discussed.

## **Diastolic Heart Failure in Congenital Heart Disease**

**Benjamin W Eidem, MD, FASE**

Diastolic dysfunction is prevalent in many forms of congenital heart disease but can be challenging to diagnose with non-invasive techniques. This lecture will detail a comprehensive echocardiographic approach to the identification and characterization of diastolic dysfunction and heart failure in patients with congenital heart disease and address several imaging pearls that can enable the echocardiographer to more confidently access the underlying physiologic abnormalities in these patients.