Canadian Society of Echocardiography

17TH ANNUAL CANADIAN ECHO WEEKEND
APRIL 23-25, 2015
TORONTO, ON

Session Title: Aorta and IVC

Presenter/Author: Dr. Kwan Leung Chan

OBJECTIVES: What questions or points will participants learn or discuss?

1. Review the anatomy of the aortic root complex and its interaction with function.

2. Understand the impact of the current guideline on the echo assessment of the aorta.

3. Understand the current guidelines on the assessment of IVC.

DISCUSSION: Please provide a summary of the discussion and/or include 3 to 6 key presentation slides.

(see attached)

CONCLUSIONS:

1. The proper function of the aortic valve is intimately related to the anatomic components of the aortic valve complex.

2. The new guidelines may mandate a change in how the different segments of the aorta are measured.

3. It is important to interpret the aortic dimensions in relation to the patient's age, body size and sex.

REFERENCES: (journals, websites, etc.)

1. Lang RM, Badano LP, Mor-Avi V, et al. Recommendations for Cardiac Chamber Quantification by Echocardiography in adults: An update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. J Am Soc Echocardiogr 2015;28:1-39.

2. Piazza N, de Jaegere P, Schultz C et al. Anatomy of the aortic valvular complex and its implication for transcatheter implantation of the aortic valve. Circ Cardiovasc Intervent. 2008;1:74-81.