

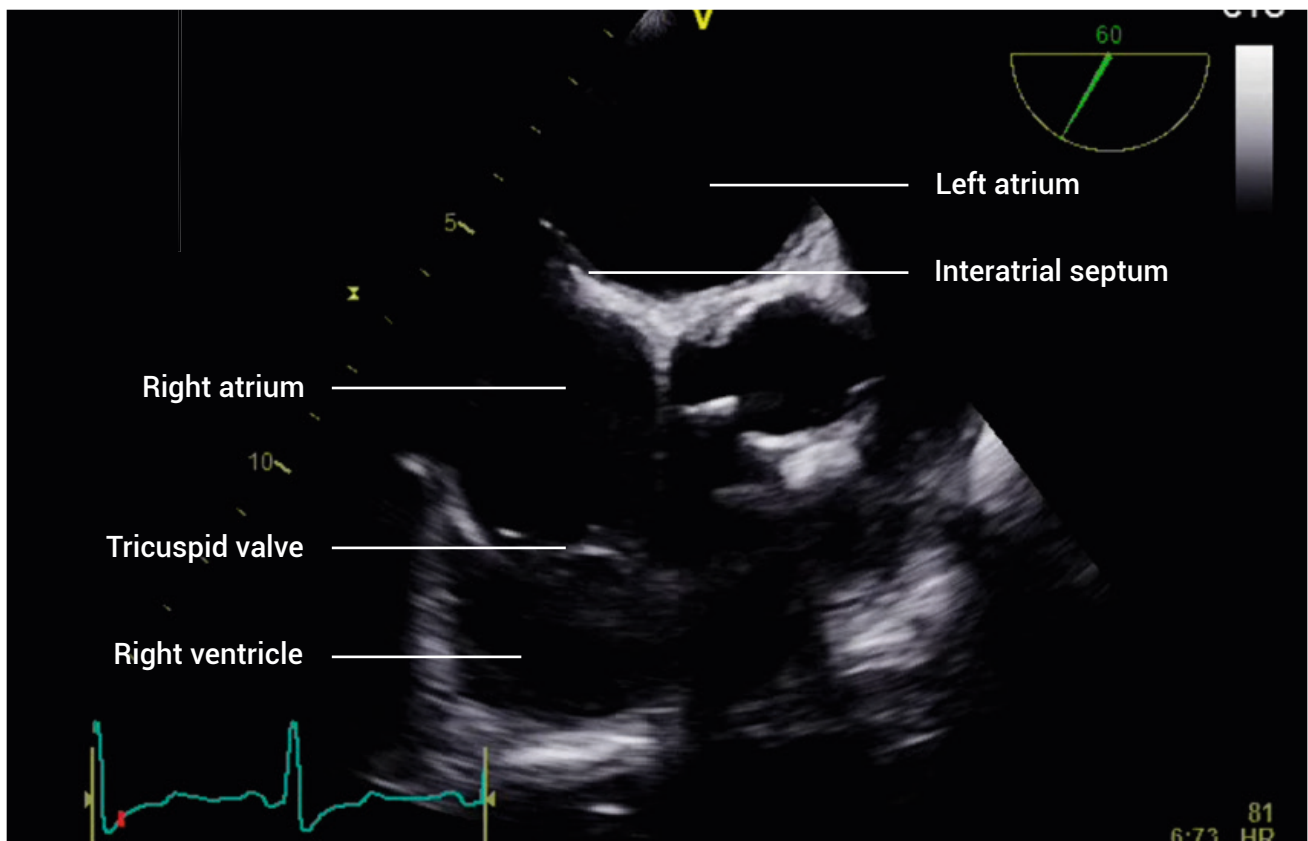
TEE ESSENTIALS

Assessment of the right heart: Mid-esophageal modified right ventricular inflow view

There are two different types of the modified right ventricular inflow view on TEE.

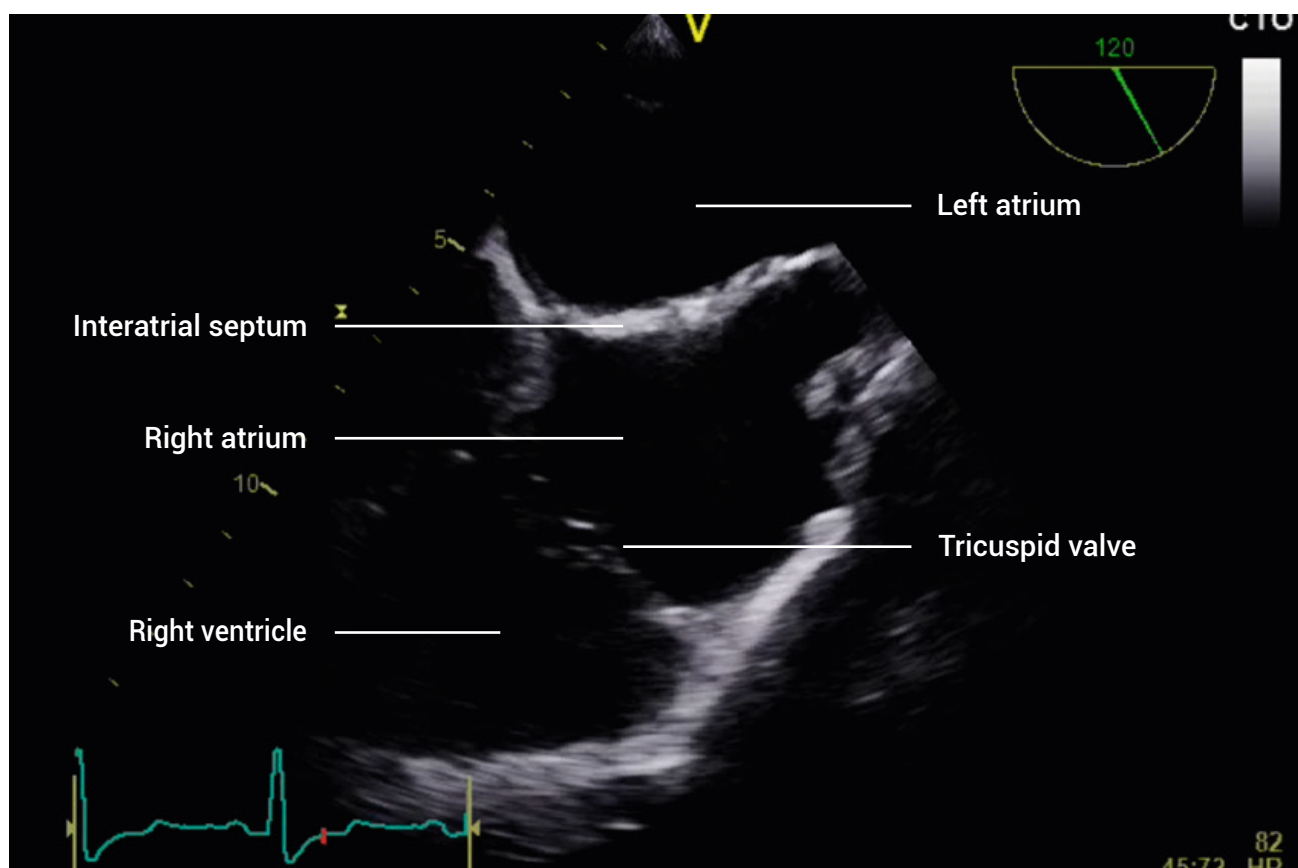
Option 1

The American Society of Echocardiography guidelines suggest a modified bicaval view of the tricuspid valve, obtained at the mid-esophageal level using a transducer angle of 50–70°. To locate this view, start with a standard bicaval view and then rotate the imaging plane angle backwards to around 60° and turn the probe to the patient's right. You may need to increase the sector depth. This is a good view for visualizing the tricuspid valve and performing a Doppler assessment of flow.



Option 2

The British Society of Echocardiography guidelines suggest a different view, obtained at the mid-esophageal level using a transducer angle of 110–130°. Like the previous view, this is a good view for visualizing the tricuspid valve and performing a Doppler assessment of flow.



Further reading

Hahn RT, Abraham T, Adams MS, et al. 2013. Guidelines for performing a comprehensive transesophageal echocardiographic examination: Recommendations from the American Society of Echocardiography and the Society of Cardiovascular Anesthesiologists. *J Am Soc Echocardiogr.* **26**: 921–964.

Wheeler R, Steeds RP, Rana B, et al. 2015. A minimum dataset for a standard transoesophageal echocardiogram: a guideline protocol from the British Society of Echocardiography. *Echo Res Practice.* **2**: G29–G45.