HEMODYNAMIC MEASUREMENTS USING TEE
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Perioperative use of transoesophageal echocardiography made incomparable evolution in the management of critically ill patients. We still need to explore hemodynamic data provided by TEE and compare these data with that offered by other hemodynamic monitors to have the ability to use the proper monitor in the suitable situation.

TEE can be used for:
1. Assessment of systolic function
   a. Preload (EDD-EDV-EDA)
   b. Afterload (SVR-Wall stress)
   c. Contractility (FAC-EF-FS)
   d. Stroke volume and cardiac output
   e. dp/dt
2. Assessment of diastolic function by Doppler analysis of blood flow through mitral valve and in pulmonary veins

We are going to describe details of each parameter and its clinical application in critically ill patient's. The role of TEE as a hemodynamic monitor needs much more studies and investigations as it may be the hemodynamic monitor of the future.