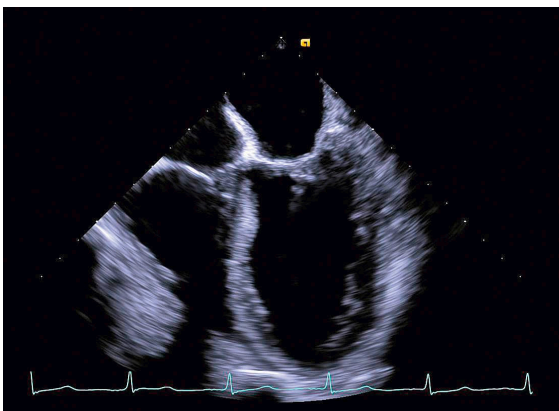
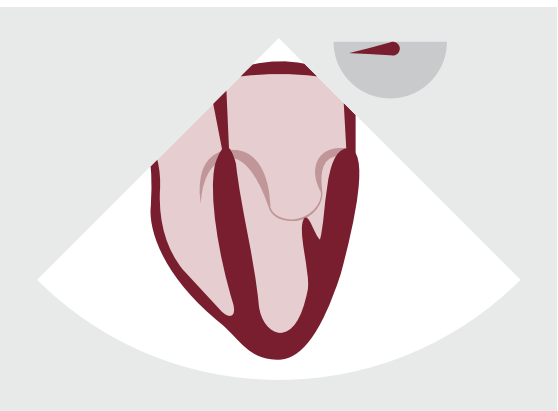
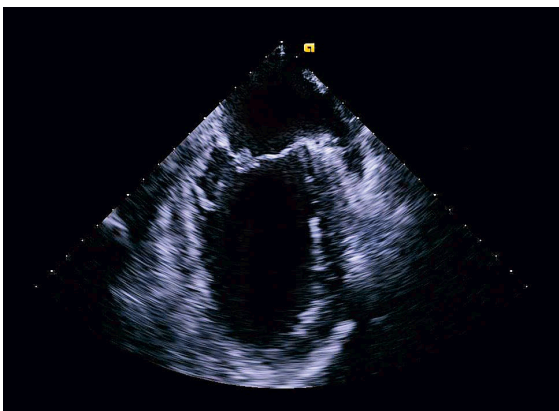
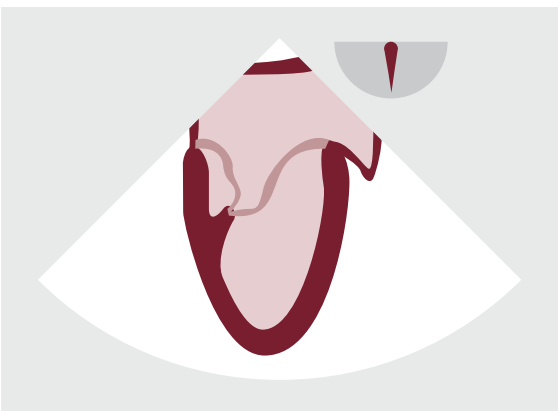


Guidelines for Perioperative TEE Views

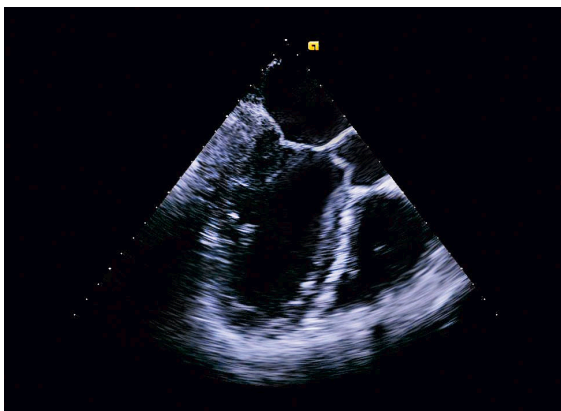
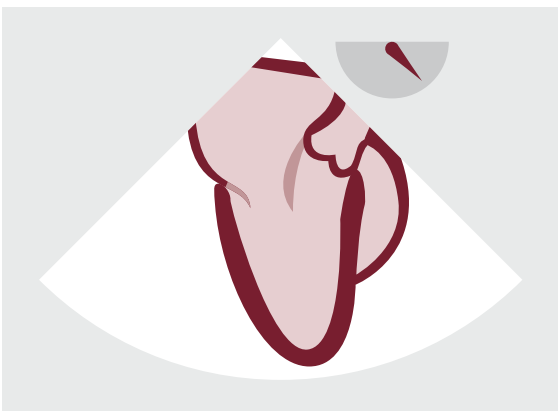
Mid-esophageal (ME) Views



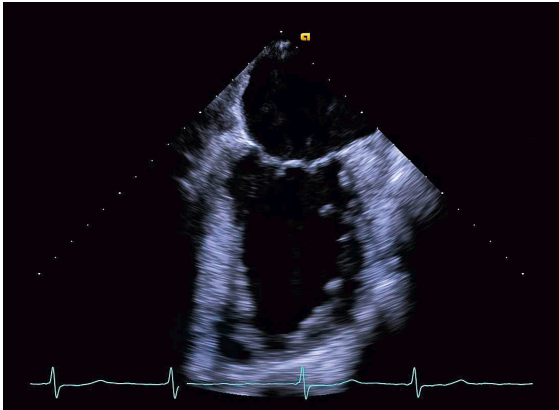
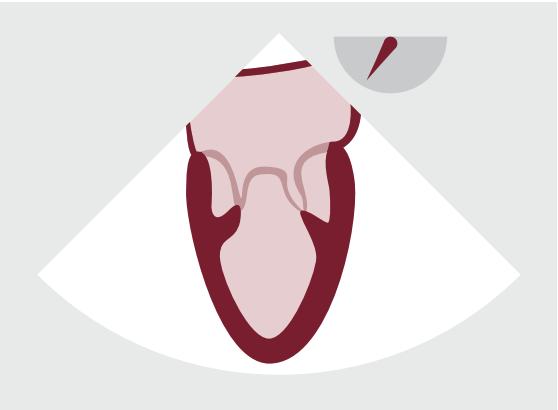
View: ME 4-CH
Normal angle: 0–20°
Structures seen: left atrium, right atrium, AS, left ventricle, right ventricle, IVS, mitral valve, tricuspid valve



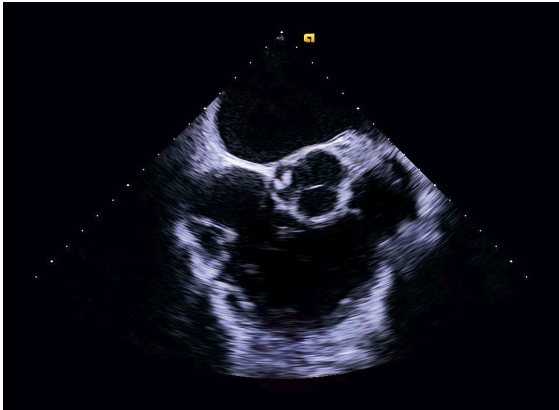
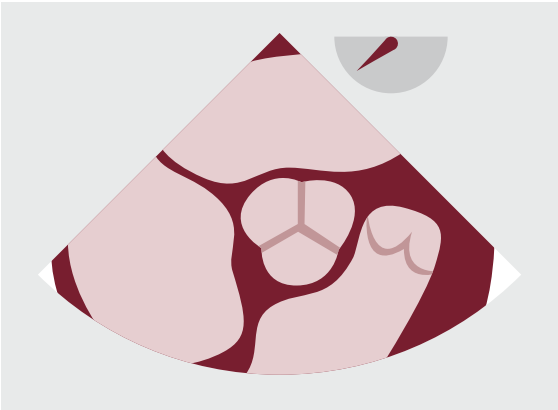
View: ME 2-CH
Normal angle: 80–100°
Structures seen: left atrium, coronary sinus, left atrial appendage, left ventricle, mitral valve



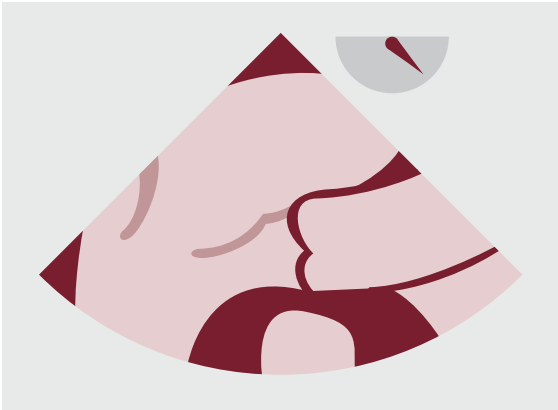
View: ME LAX
Normal angle: 120–160°
Structures seen: left atrium, left ventricle, LVOT, RVOT, mitral valve, aortic valve, proximal ascending aorta



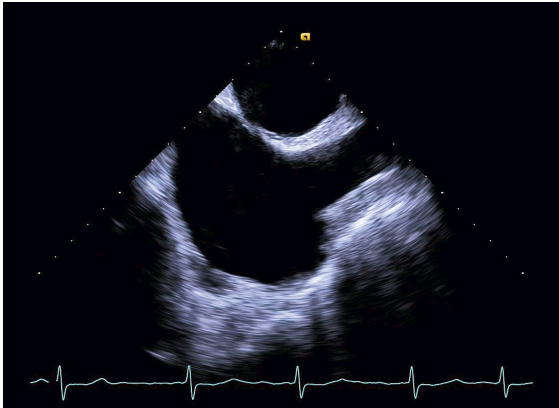
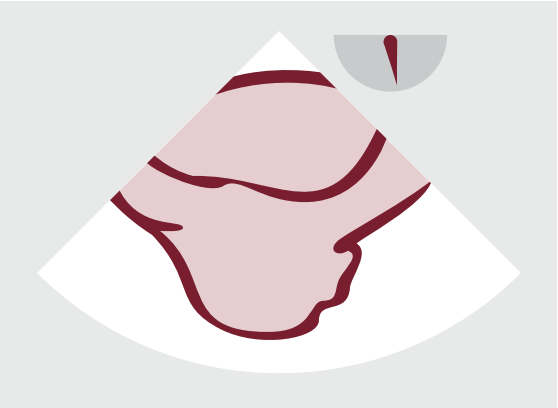
View: ME mitral commissural
Normal angle: 60–70°
Structures seen: left atrium, coronary sinus, left ventricle, mitral valve, papillary muscles, chordae tendineae



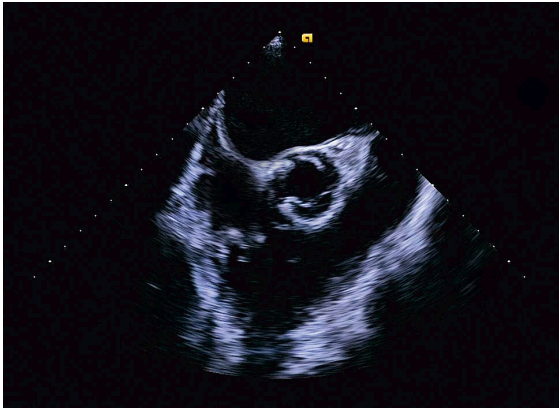
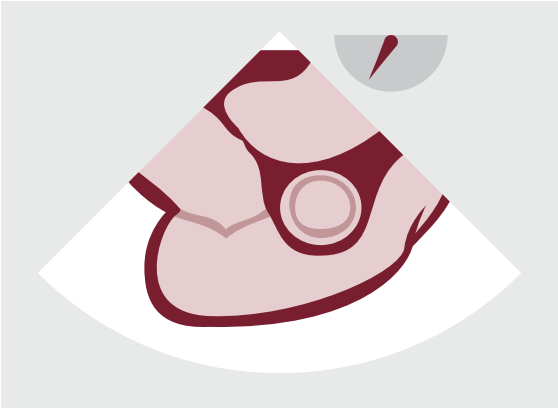
View: ME AV SAX
Normal angle: 30–60°
Structures seen: aortic valve, right atrium, left atrium, superior IAS, RVOT, pulmonary valve



View: ME AV LAX
Normal angle: 120–160°
Structures seen: left atrium, LVOT, RVOT, mitral valve, aortic valve, proximal ascending aorta

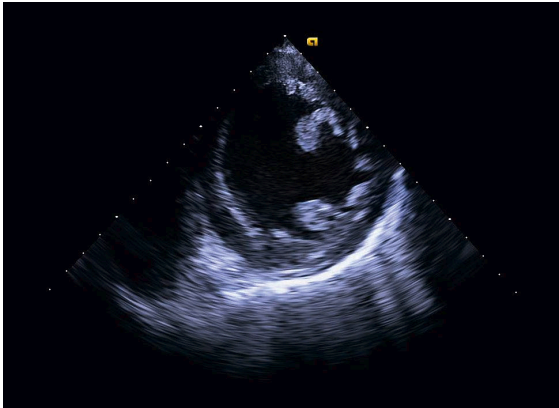


View: ME bicaval
Normal angle: 80–110°
Structures seen: left atrium, right atrium, right atrial appendage, IAS, SVC, IVC

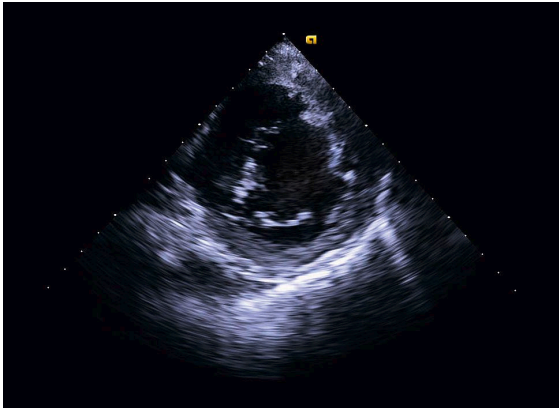
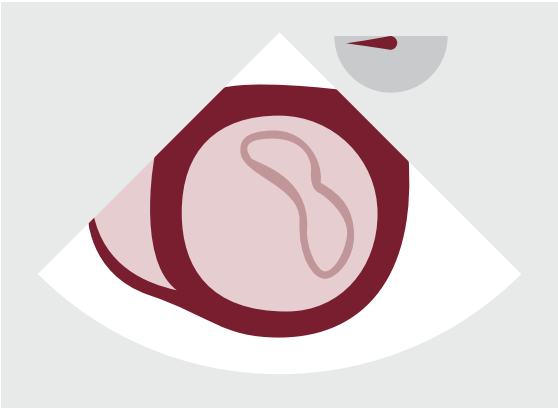


View: ME RV inflow-outflow
Normal angle: 60–90°
Structures seen: left atrium, right atrium, right atrial appendage, IAS, SVC, IVC

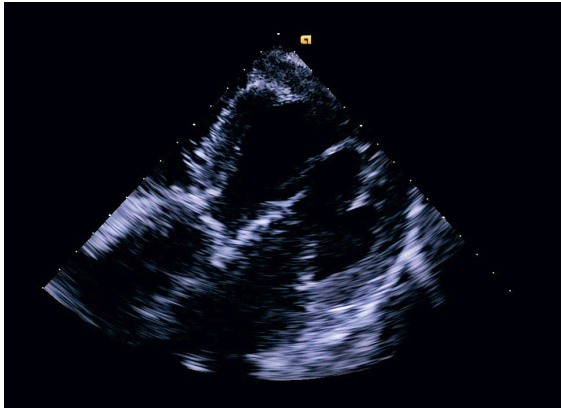
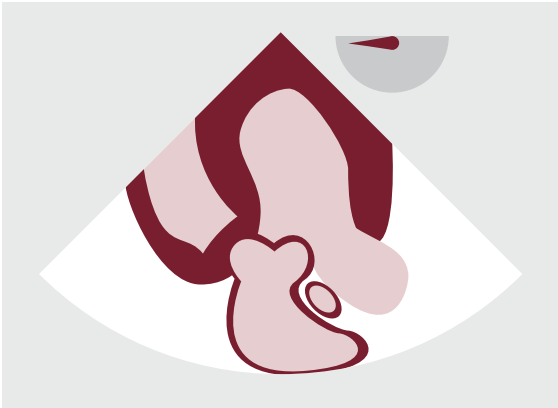
Transgastric Views



View: TG mid SAX – ASE mid papillary SAX
Normal angle: 0–20°
Structures seen: left ventricle (mid), papillary muscles, right ventricle (mid)

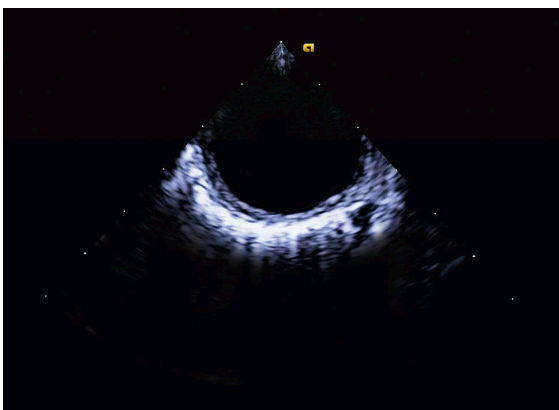
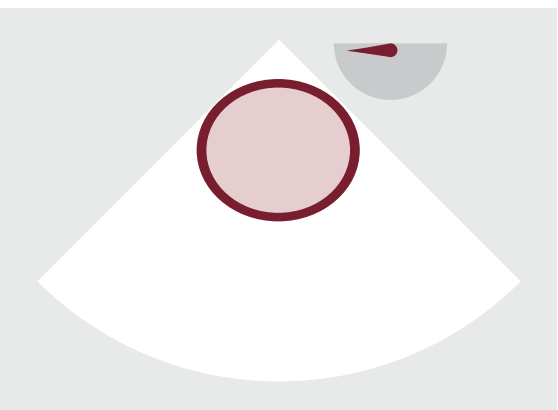


View: TG basal SAX
Normal angle: 0–20°
Structures seen: left ventricle (base), right ventricle (base), mitral valve (SAX), tricuspid valve (short-axis)

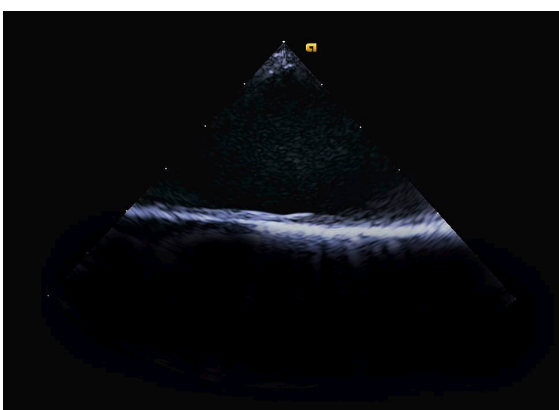
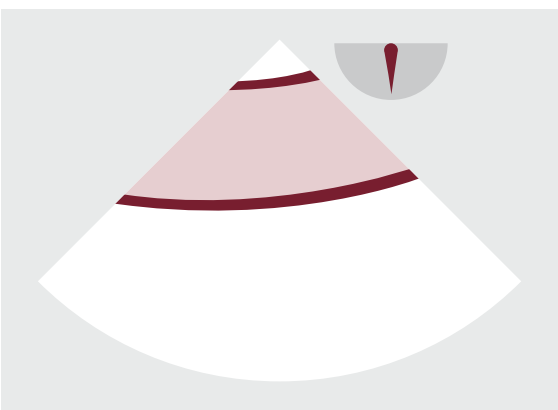


View: Deep TG LAX
Normal angle: 0–20°
Structures seen: left ventricle, left ventricle outflow track, right ventricle, aortic valve, aortic root, mitral valve

Aortic Views

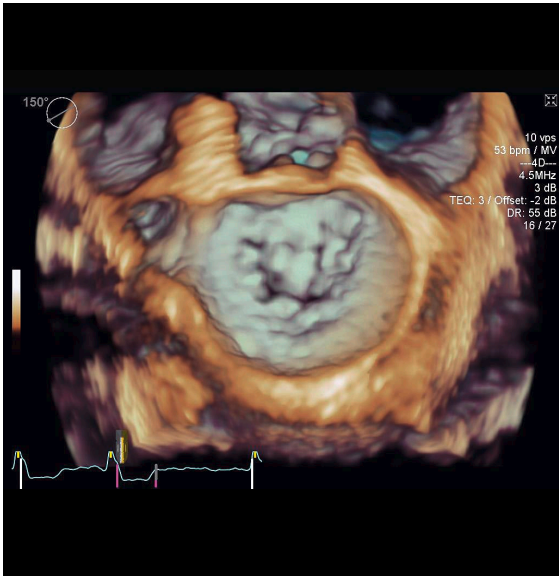
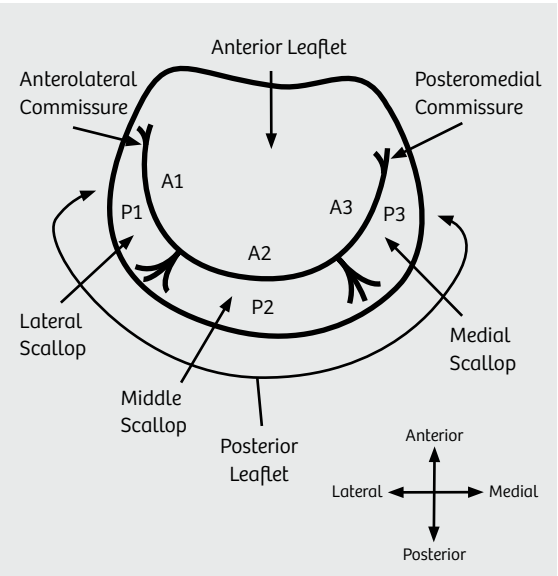


View: desc aortic SAX
Normal angle: 0–10°
Structures seen: descending aorta



View: desc aortic LAX
Normal angle: 90°–110°
Structures seen: descending aorta, left thorax,

3D View



Siemens Healthineers offers three shared service cardiovascular products: ACUSON P500, ACUSON S Family and ACUSON XT00 ultrasound systems. The ACUSON SC2000 PRIME is the only dedicated premium cardiovascular ultrasound offering in Siemens Healthineers cardiology segment.
View, normal angle and structures seen are based on the article "American Society of Echocardiography ASE/SCA Guidelines for Performing a Comprehensive Intraoperative Multiplane Transesophageal Echocardiography Examination," that was published in the Journal of the American Society of Echocardiography, October 1999.
References: Anesthesia & Analgesia 1999; 89:870–84; J Am Soc Echocardiogr 1999; 12:884–900