
RADIOGRAPHIC APPEARANCES OF CARDIAC VALVULAR DISEASE

Valvular disease	Radiographic findings
Aortic stenosis	<ul style="list-style-type: none"> ▪ Calcification of aortic valve ▪ Dilatation of ascending aorta ▪ Dilated left ventricle and pulmonary edema only with left ventricular failure
Aortic insufficiency	<ul style="list-style-type: none"> ▪ Calcification of aortic valve ▪ Dilation of ascending aorta ▪ Dilated left ventricle ▪ Pulmonary edema with left ventricular failure
Mitral stenosis	<ul style="list-style-type: none"> ▪ Enlargement of left atrium, right ventricle, and pulmonary trunk ▪ Cephalization of pulmonary vasculature ▪ Septal (Kerley B) lines ▪ Calcification of mitral valve
Mitral insufficiency	<ul style="list-style-type: none"> ▪ Markedly dilated left atrium ▪ Mildly dilated left ventricle ▪ Moderate enlargement of pulmonary trunk and right ventricle
Tricuspid stenosis	<ul style="list-style-type: none"> ▪ Systematic venous dilatation ▪ Pulmonary oligemia
Tricuspid insufficiency	<ul style="list-style-type: none"> ▪ Dilatation of right ventricle and right atrium ▪ Dilatation of venae cavae ▪ Pulmonary oligemia
Pulmonic stenosis	<ul style="list-style-type: none"> ▪ Right ventricular enlargement ▪ Poststenotic dilatation of the pulmonary trunk and left pulmonary artery ▪ Increased pulmonary blood flow to the left lung and decreased pulmonary blood flow to the right lung
Pulmonic insufficiency	<ul style="list-style-type: none"> ▪ Dilatation and hypertrophy of the right ventricle ▪ Systolic enlargement of the pulmonary trunk and central pulmonary arteries
