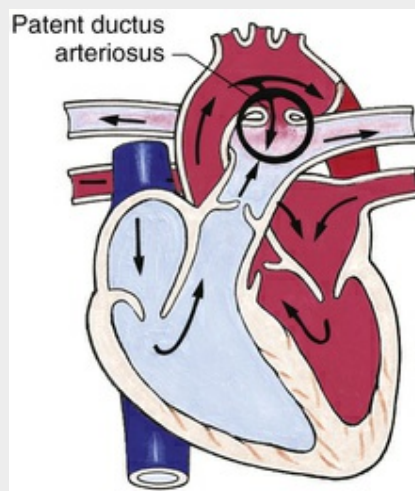


*Palliative:* Pulmonary artery banding is occasionally done in small infants with severe symptoms. Complete repair in infancy is most common.

*Complete repair:* Surgical repair consists of patch closure of the septal defects and reconstruction of the AV valve tissue (either repair of the mitral valve cleft or fashioning of two AV valves). Postoperative complications include heart block, HF, mitral regurgitation, dysrhythmias, and pulmonary hypertension.

**Prognosis:** Operative mortality has been 3% to 10%. Factors that increase surgical risk are younger age, severe AV valve regurgitation, hypoplasia of the left ventricle and severe failure preoperatively, as well as other heart defects ([Park, 2014](#)). A potential later problem is mitral regurgitation, which may require valve replacement.

## Patent Ductus Arteriosus



**Description:** Failure of the fetal ductus arteriosus (artery connecting the aorta and pulmonary artery) to close within the