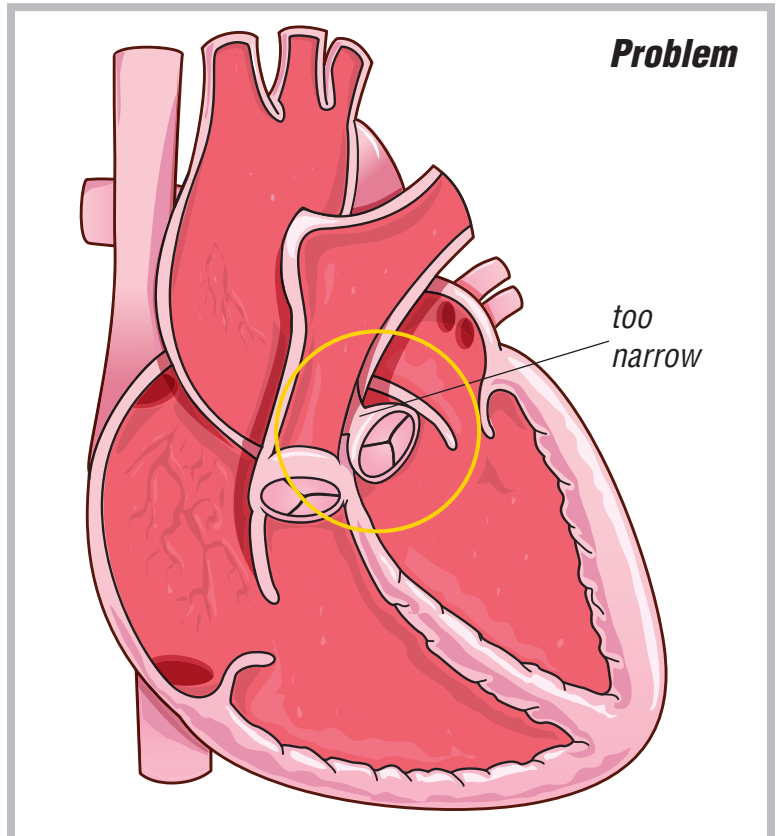


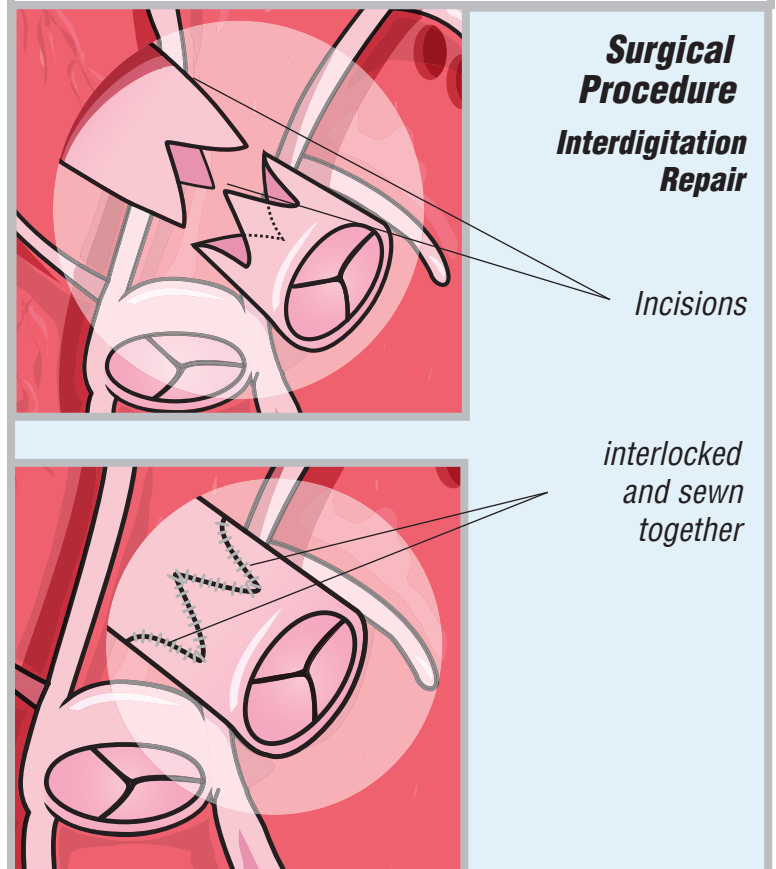
Aortic Stenosis (AS)

Supravalvular

A narrowing occurs just above the valve in the main artery to the body (aorta). The narrowing causes a reduced amount of blood carrying oxygen to the body. It also makes the bottom left heart chamber overwork pushing against the narrowing. This causes the aorta to balloon above the narrowing.



Surgery to correct supravalvular stenosis is done by making incisions and counter incisions in the aorta above and below the area of the narrowing. The two segments of the aorta are interlocked (interdigitated) and sewn together (anastomosed) with sutures.



The operation to repair supravalvular aortic stenosis is done with a median sternotomy (chest) incision.