

Pulmonary Stenosis (PS)

Supravalve

A narrowing occurs around the valve that connects the bottom right heart chamber to the main artery going to the lungs (pulmonary artery). The narrowing is above the pulmonary valve (supravalve).

The narrowing makes it hard for the blood to leave the bottom right heart chamber and go to the lungs for oxygen. The amount of oxygen-rich red blood to the body is reduced. The bottom right heart chamber becomes enlarged.

Surgery is to widen the narrowing by using diamond-shaped patches. This allows better blood flow from the bottom right heart chamber to the lungs for oxygen. The type of surgery depends on where the narrowing is located and how well the valve itself functions. The surgery is done through a median sternotomy (chest) incision.

