

Peripheral Pulmonic Stenosis (PPS) of the Newborn

What is peripheral pulmonic stenosis?

Peripheral pulmonic stenosis (PPS) is narrowing of the arteries that take blood from the right side of the heart to the lungs.

Peripheral pulmonic stenosis can be heard as a murmur, widely transmitted to the back and sides of the chest in healthy, normal infants in the first few months of life. The infant may be referred to a pediatric cardiologist for evaluation after being seen by a neonatologist or cardiologist in the nursery or by the pediatrician wanting further evaluation of the murmur. It is frequently heard in the infant less than 3 months of age, premature infant or an infant who is anemic.

In most cases the peripheral pulmonic stenosis is mild and it resolves on its own as the neonate grows. NO treatment is required.

The pediatric cardiologist will listen to the murmur, and might perform an echocardiogram (ECHO), electrocardiogram (EKG) or chest x-ray may (CXR) be performed

A follow-up visit to check for the disappearance of the murmur might be recommended. In most cases the murmur might be heard until the neonate grows bigger and NO further treatment is needed.