This is a narrowing of the major artery from the heart to the body (the aorta). The narrowing decreases the blood flow to the body and makes the heart pump harder against the smaller than normal opening.

One repair option is cutting out the narrowed part of the aorta and sewing the two ends together (end-to-end anastomosis).

Surgery is done through an incision on the left side of the chest (thoracotomy).