Corrected Transposition of the Great Vessels and Situs Inversus Viscerum in a 65-Year-Old Oligosymptomatic Woman

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Corrected transposition of the great vessels (atrioventricular discordance and ventricular discordance) is a rare congenital heart disease and is very singular if it is associated with situs inversus viscerum. This is the case in a 65-year-old woman in NYHA functional class II.

The NMR image shows the liver (L) on the left side and the spleen (S) on the right side of the abdomen (Figure, top left). The pulmonary artery (PA) is posterior to the aorta (AA) (Figure, top right) and is connected to the posterior ventricle, morphologically the left one. Conversely, the aorta (AA) is anterior to the pulmonary artery (PA) and is connected to the anterior ventricle, morphologically the right one (MRV) (Figure, bottom left). The superior and inferior venae cavae are on the left side and are connected to the right atrium (Figure, bottom right). The aortic arch and the thoracic aorta are located on the right side.

AA indicates aorta ascendens/aortic arch; AD, aorta descendens; LB, long bronchus; SB, short bronchus; MRV, morphologically right ventricle; SVC, superior vena cava; and IVC, inferior vena cava.
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