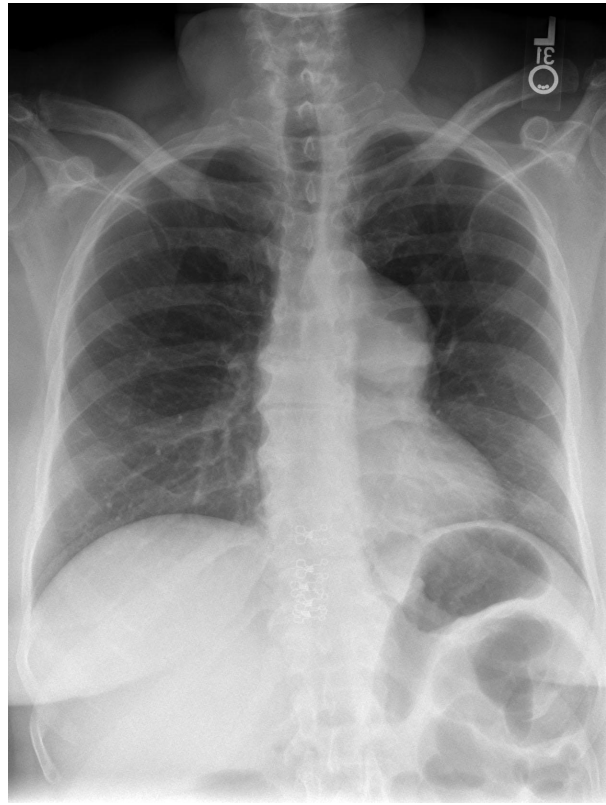
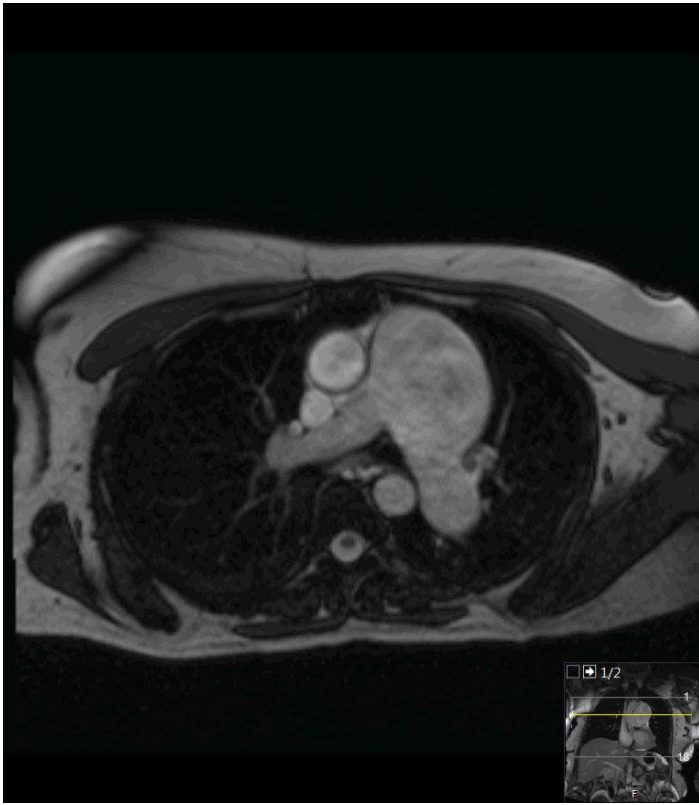


## Cardiac: Case 6

### Prompt

These images are known to have been taken of the same patient at the same part of body.  
Generally looking at these images, dose the pulmonary artery has any signs of abnormal enlargement?



### GPT-4V

The pulmonary artery typically branches off from the main pulmonary trunk, leading into the left and right pulmonary arteries, which then carry deoxygenated blood from the heart to the lungs.

From the images:

The first image appears to be a lateral chest X-ray. The pulmonary arteries aren't as distinctly visualized on standard X-rays as they are on more specialized imaging. However, **no overt enlargement of the pulmonary artery or associated structures is evident from this view.**

The second image seems to be an axial cut from a chest CT or MRI. While the cross-sectional views can provide detailed images of the vessels, including the pulmonary artery, the specific section provided does not give a complete view of the pulmonary artery's full extent.

The third image is a standard anterior-posterior (AP) or postero-anterior (PA) chest X-ray. Again, while the major vessels can be seen, without a direct comparison to the patient's previous images or standard measurements, **it's challenging to definitively comment on the size of the pulmonary artery.**

From a general standpoint, **no overt enlargement of the pulmonary artery is evident in these images.**

### Reference answer

**Massively enlarged main pulmonary artery**