

## Dual PDA with Right Aortic Arch and Aberrant Left Subclavian Artery: A Rare Combination

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### Image Article

Dual PDA in the same side is very rare anomaly. We have described a case of Dual PDA in a 1 month old child. Ductus arteriosus arises from 6th aortic arch. Normally it regress on the right side and remains patent on left side during fetal life and undergoes functional closure 48 hrs. after birth [1].

Here we present a very rare case with right aortic arch with aberrant left subclavian artery, two PDA and pulmonary artery which forms complete vascular ring around trachea and esophagus. Proximal part of dilated aberrant left subclavian artery (Komerell's diverticulum) gives origin to superior PDA which communicates to MPA confluence while the inferior PDA communicates to LPA (Figure 1). We have ligated and divided PDA through midline sternotomy.

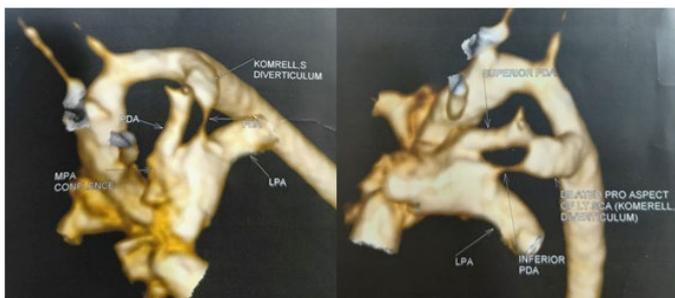


Figure 1: CT scan images of Dual PDA.

There are few case reports on bilateral PDA. These can be embryologically be explained by persistence of distal portion of right 6th arch [2]. However there are no reports on presence of dual PDA on the same side.

### References

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