

Conference Abstract

DAY 2 16th September 2023 (Saturday)

POSTER

11.00 am-12.00 pm

Scientific Session 5

Anatomical Variation in branching pattern of Subclavian artery – A Cadaveric Study**P. Manu Pradhana, Vasudha T K**

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Background: The subclavian artery which has a typical branching pattern giving 5 branches namely, the vertebral artery, internal thoracic artery, thyro-cervical trunk, costo-cervical trunk and the dorsal scapular artery. This is the normal anatomy of the subclavian artery, but sometimes there may be a variation in the branching pattern present this is known as an aberrant subclavian artery

Aim: To study the variation in branching of subclavian artery and note its clinical importance

Methods: Dissected embalmed cadaver during routine dissection by following Cunningham's Manual

Results: In the subclavian artery it was noted that there was a bilateral absence of costocervical trunk and that the branches were directly arising from the 1st part of the artery. It was also noted that on the left subclavian artery the internal thoracic artery was originating from the thyrocervical trunk.

Conclusion: Variations of the branches should be known by surgeons for surgical procedures and for diagnostic procedures such as anigograms to prevent serious complications

Keywords: Abberant subclavian artery, Branches, Costocervical trunk, internal thoracic artery