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**Case Report:**

**Variations in the arterial supply of the thyroid gland in an Indian Male Cadaver  
Dr Satabdi Sarkar, Dr Banani Kundu, Dr soumyedhik Dey, Dr Pallab Kumar Saha ,**

**Dr Rudradev Meur, Dr Anirban Sadhu,**Corresponding author : Dr Satabdi Sarkar  
Name of the Institute/college: R.G.Kar Medical College, Kolkata, India

**ABSTRACT:**

**Introduction**: The knowledge regarding the variations of vascular supply of thyroid gland was very much important for thyroid surgeries.

**Methodology**: The object of present study to report an unusual variation in the origin of superior thyroid artery and high up division of inferior thyroid artery during routine dissection of an adult male embalmed cadaver .

**Observation & Result**: The left superior thyroid artery took origin from the left common carotid artery and supplied the superior aspect of left lobe of the thyroid gland. The relationship of the left superior thyroid artery with the left external laryngeal nerve was normal . The inferior thyroid artery showed high up division in an unusual pattern. In right side the origin and distribution of both arteries were normal .

**Conclusion**: Careful observation as well as knowledge of such arterial variations of the thyroid gland was very necessary for surgeons in order to avoid damage to vital structures in neck .

**Key words:** common carotid artery, superior thyroid artery, inferior thyroid artery