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**Case report**

**Variation in the branching pattern of axillary artery: Thoracodorsal Pedicle**

**1Dr. Aradhana Sanga ,1Dr. Sayongdeepa Roy,1Dr. Anupam Baske,1Dr. Saikat Kumar Dey,2Dr. Maitreyi Mondal,3Dr. Maitreyee Kar,4Dr. Pallab Kumar Saha,5 Prof. (Dr.) Sudeshna Majumdar**

**1**Junior Resident, Department of Anatomy,North Bengal Medical College, Sushrutanagar, Darjeeling – 734012,

**2**Associate Professor, Department of Anatomy,North Bengal Medical College, Sushrutanagar, Darjeeling – 734012,

**3**Associate Professor, Department of Anatomy & Dean of Students’ Affairs North Bengal Medical College, Sushrutanagar, Darjeeling – 734012,

4Assistant Professor, Department of Anatomy,North Bengal Medical College, Sushrutanagar, Darjeeling – 734012,

**5**Professor & Head,Department of Anatomy, North Bengal Medical College, Sushrutanagar, Darjeeling – 734012

Corresponding author**:** Dr. Aradhana Sanga

**Abstract**

Superior extremity is a common site for surgical and invasive procedures so knowledge of different variations is necessary. The arteriesof upper extremities show a large number of variations. The subclavian artery is the main arterial trunk in the upper extremity and it is continued as the axillary artery and then as brachial artery in the arm.

In the present case, a common trunk was found originating from second part of axillary artery giving the following branches: (a) lateral thoracic artery, (b) unnamed muscular branch, (c) accessory subscapular artery, and (d) the main trunk continuing as Thoracodorsal Artery. The usual lateral thoracic artery from second part of axillary artery was found missing.The knowledge of this variation may be useful for surgeons, especially plastic surgeons who use thoracodorsal and serratus anterior flaps.

**Key Words:** Axillary artery, Thoracodorsal Pedicle, Accessory Scapular Artery