**Original article:**

**Supratrochlear Foramen of Humerus – A Morphometric Study**

**Jaswinder kaur\* ,Zorasingh\*\***

\*Associate professor, Adesh Institute of Medical Sciences &Research ,Bathinda

\*\*Professor & Head, GGS Medical College,Faridkot

 Corresponding author: jaswindpreet@gmail.com

**ABSTRACT:**

**Introduction:** The knowledge of the presence of supratrochlear foramen (STF) in a humerus may be important for preoperative planning for treatment of supracondylar fractures.The presence of STF may also result in erroneous interpretation of radiographs.

**Material & Methods:** The presence of STF was studied in 80 dry adult humeri of unknown sex from the department of Anatomy. The presence & shapes of the STF were established by visual observations.The supracondylar foramen is seen in 27.5% of total humeri.

**Results:** It was present more frequently on the left side (30%) than on the right side (25%).The oval shape was more common.

**Conclusion:** The anatomical knowledge of STF is beneficial for anthropologists, orthopaedic surgeons & radiologists. In cases of humeral fractures of the supratrochlear foramen, the surgeon must keep in mind that it is better to perform an antegrade medullary nailing than a retrograde one; as there is higher chance of a secondary fracture, due to the extreme narrowness of the canal at the distal portion of humerus.

**Key Words**: Humerus,Supratrochlear