Morphological study of the popliteus muscle in formalin embalmed adult cadavers
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Background: The morphology of popliteus muscle and its tendon are subjected to their variability in the origin, mode of insertion, innervation patterns and its dimensions.

Aim: The objectives are to measure the length, thickness and width of the popliteus at various locations.

Methods: This descriptive cross sectional institutional based study will include 50 formalin embalmed adult lower limb specimens. The length of the popliteus along the upper and lower borders, width of the muscle at midpoint, musculotendinous junction and insertion, thickness of the muscle at its midpoint, length, width at its origin and thickness of the tendon of popliteus, length of nerve to popliteus, distance of point of origin of nerve to popliteus from the intercondylar line and nerve to the muscle will be studied. Measurements will be performed by using the digital Vernier caliper.

Results: The detailed morphometric data of this study will be presented at the conference.

Conclusion: It is believed that the morphometric data of the present study will be enlightening to the orthopaedic surgeons particularly in the field of arthroscopic and plastic surgery.

Key words: arthroscopic surgery; popliteus; plastic surgery.