

## **Peroneus Tertius an Evolutionary Appearing Muscle: A Case Report**

**Poonam Verma, Anterpreet K Arora and Sudhir Abrol**

*Department of Anatomy, Sri Guru Ram Das Institute of Medical Sciences and Research,  
Amritsar, Punjab, India, Mob: 09814975545, 09876129534,  
E-mail Add: doctor\_neeru\_preet@yahoo.com*

**KEYWORDS** Cadaver. Dorsiflexion. Dissection. Phylogeny. Variation

**ABSTRACT** The aim is to highlight a variation encountered in the insertion pattern of peroneus tertius muscle and correlating it with the available previous research studies and literature and also to analyze the anatomical basis of possible clinical entities related to this variation. This study was undertaken in sixty lower limbs in thirty adult cadavers in which peroneus tertius muscle was dissected in each limb. A variation encountered was recorded, analyzed and photographed. The insertion was extended on the dorsal aspect of almost whole of the shaft of 5<sup>th</sup> metatarsal. The variation in insertion of the peroneus tertius might play an important role in the causation of torsional stresses as observed in stress fractures. Thus it may have a clinical and phylogenetic viewpoint that has been highlighted in this case report. Knowledge of variation, may have useful clinical applications in cases of leg or foot trauma requiring tendoplasty or tendon transfer operations.