Indian Journal of Basic and Applied Medical Research; December 2014: Vol.-4, Issue- 1, P. 218-222

## Case Report:

## Bilateral presence of psoas minor muscle and its morphometric analysis: a case report

## Ms.Bali Sharma, Dr. Roma Patel, Dr.U.K.Gupta, Dr.S.K.Agarwal

## Department of Anatomy , NIMS Medical College, Jaipur , Rajasthan

## Corresponding author: Dr. Roma Patel

## Date of submission: 11 July 2014 ; Date of Publication: 09 December 2014

## Abstract

The psoas minor, present in only two out of every three individuals, is a slender muscle lying on the surface of psoas major. Psoas minor at its origin lies just in front of the psoas major muscle has small belly and long tendon like plantaris and palmaris longus muscle. The Psoas Minor Muscle is considered inconstant and it’s often absent. This muscle consists of a short proximal fixation tendon originated from the sides of the twelfth thoracic vertebra, first lumbar vertebra and corresponding intervertebral disc, continuous with a short spindle-shaped morphology muscular venter, ending with a long distal fixation tendon inserted in the pectineal line of the pubis and iliopectineal eminence. Psoas minor receives its nerve supply from the ventral rami of L1 spinal nerves, which after piercing through the psoas major muscle enter into the muscular belly. Psoas minor also is subject to racial and ethnic variation. During a routine anatomical dissection for medical students, we found bilateral presence of psoas minor muscle.

**Key words:** Anatomy of Psoas Minor, psoas major, Morphology,Muscle.