ISSN 0973-5070
STUDIES ON
ETHNO-MEDICINE

Ethno Med, 10(3): 282-287 (2016)
PRINT: ISSN 0973-5070 ONLINE: 2456-6772
DOI: 10.31901/24566322.2016/10.03.01

Evaluation of the Median Sacral Artery in 30 Postmortem Specimens

T. Colak[1], B. Bamac[1], S. Ceylan[2], S. Kurnaz[2], U. N. Gundogmus[3] and I. Uzun[4]

[1]Kocaeli University, Faculty of Medicine, Department of Anatomy, Kocaeli, Turkey
E-mail:tuncaycolak@live.com
[2]Kocaeli University, Faculty of Medicine, Department of Histology an Embryology, Kocaeli, Turkey
[3]Istanbul University, Forensic Medicine Enstitut, Istanbul, Turkey
[4]Akdeniz University, Faculty of Medicine, Department of Forensic Medicine, Antalya, Turkey

KEYWORDS Artery. Diameter. Median Sacral. Postmortem. Thickness. Tunica Media

ABSTRACT Thirty median sacral arteries (19 males and 11 females) that ranged from 34 to 66 years old (mean age, 50.8 years) postmortem specimens were studied. Sections of formalin-fixed vessels were stained with hematoxylin and eosin. The measurements obtained included tunica media thickness and external diameter of the median sacral artery. The external diameter of the median sacral artery was 1315.06±291.18µm for males and 1389.31±243.06µm for females. The tunica media thickness of the median sacral artery was 210.81±50.43µm for males and 256.35±31.41µm for females. Females have greater external diameter and tunica media thickness. The difference between the tunica media thickness of the median sacral artery for male and female was statistically different (P Â0.05).