

OSTEOMETRIC EVALUATION OF THE METAPODIAL BONES IN ONE-HUMPED CAMEL (*Camelus dromedarius*)

Yazdan Mazaheri¹, Jamal Nourinezhad¹ and Shrareh Pahlevan²

¹Division of Anatomy and Embryology, Department of Basic Science,

²Faculty of Veterinary Medicine, Shahid Chamran University of Ahvaz, Ahvaz, Iran

ABSTRACT

The osteometric evaluation was done on 40 macerated metapodial bones of 10 male adult one-humped camels by using 16 linear measurements. There was no difference between the right and left metapodial bones both in the fore and hind limbs. Means of the most parameters in the metacarpus were greater than those of the metatarsus. In all metapodial bones, means of the greatest length of the lateral side were greater than those of the medial ones, which are similar to other reported domestic and wild ruminantes. Current findings may be helpful for biomechanical and osteoarcheological studies.

Key words: Camel, metapodial bones, morphometry, osteometry