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Veterinarni Medicina

The branches of the descending palatine artery and their relation to the vomeronasal organ in Angoragoats

K. Besoluk, E. Eken, S. Bahar

Veterinarni Medicina, 51 (2006): 55-59

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The aim of this study was to reveal the branches of the descending palatine artery, and its relation to the vomeronasal organ in Angoragoats. For this purpose, ten heads of adult Angoragoats obtained from a slaughterhouse were used. The ramifications of the latex enjected descending palatine artery and their vomeronasal organ-related findings were revealed by fine dissection and transverse sections. Arterial blood reached the caudally vomeronasal organ primarily via the sphenopalatine artery, and also cranially via a fine branch of the major palatine artery by crossing the palatine fissure. The average diameters of both the descending palatine artery and

its branches were thicker on the left side than on the right, and its ramifications were not variable in this species.

Keywords:

vomeronasal organ; descending palatine artery; anatomy; Angora goat

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