

THE PECULIARITIES OF THE TOPOGRAPHY OF ARTERIES AND VEINS IN THE REGION OF THE EYEHOLE IN CATTLE

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Summary. The data about the peculiarities of the architectonics and morphometry of the orbital blood vessels in the eye of cattle in dependence on age are presented in the article. The changes of morphometric parameters of a. ophthalmica externa, a. ophthalmica interna in six groups of cows of different age as well as the changeability of arteries mentioned above and of a. mallaris, a. corpori adiposa oculi in the eyehole are given. The article also deals with the description of the rete mirabile located on the both arteries (either internal or external) of the eye. Some morphometric parameters of these plexus are given. The article also presents the characteristics of the macroscopical anastomoses of the eyehole as well as the characteristics of the junctions of the orbit of the eye with the blood vessels of closely located organs (the veins of the eyehole with veinal sinuses of brain, a. ophthalmica externa with the arteries of epidural rete mirabile cerebri, a. ophthalmica interna with circular arteriosus cerebri epidurale).

Keywords: angioarchitectonic, arteries, veins, morphometric