Macro-microscopic anatomy of extraorganic nerves of the adrenal glands
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The purpose of this study was to investigate of individual anatomical variability and
topography of nerves of the adrenal glands middle-aged people that performed by macro-
microscopic preparation on the complexes of organs at the upper storey of the abdominal cavity of
dead bodies for V.P. Vorobyov.

These preparations allowed us to identify and later on their basis present in the form of
anatomical schemes, two main forms of variability of the structure of the main sources of
innervation of the adrenal glands - abdominal plexus: dispersed and concentrated. Dispersible form
of structure of the abdominal plexus was prevailed in our preparations (21 preparations). We
identified the concentrated form of structure of the abdominal plexus in fewer (9 preparations). For
disperse form of structure of the abdominal plexus is characterized the presence of 6 and more
ganglions in polygonal shape that are placed asymmetrically on the right and left sides of the
abdominal aorta. In this form of structure of the human abdominal plexus we additionally described
two variants of structure of nerves of the adrenal glands. The first variant - 12 preparations (54% of
cases) the prevalence of extraorganic nerves (10 or more trunks) of the left adrenal gland. The
second variant - 9 preparations (46% of cases) the prevalence of outside organ nerves of the right
adrenal gland. On preparations of concentrated form of structure of the abdominal plexus the last
presented by 2 - 4 large ganglions that have semilunar shape. In this case, there is one variant of
structure of nerves of the adrenal glands - the prevalence of number of extraorganic nerves of the
left adrenal gland. Thus, analyzing the received materials of macro-microscopic anatomy of
extraorganic nerves of adrenal glands of human, we can conclude that their anatomy depends on the
shape of structure, quantity and features of their sources of blood supply, as well as the forms of
structure of the main source of innervation - of the abdominal plexus.