

Method for examining microcalcifications in atherosclerotic plaques of the carotid artery following endarterectomy involves fixation of the postoperative biomaterial, preparation of blocks and sections, and their morphological examination. Following macroscopic examination of the atherosclerotic plaque, an extended excision is performed, dividing the biological material into at least three separate fragments, which are fixed in different fixatives and processed differently depending on the purpose of each fragment, which ensures a comprehensive study of microcalcifications in both decalcified and undecalcified states from a single postoperative biomaterial sample.