

## Possibilities of Computed Tomography in the Characterization of Cervical Trauma Syndromes

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### Abstract

Intricate complex of interconnected anatomical formations of the neck makes for multifactor manifestation in traumatic lesions of this zone. Consequently we consider it expedient to use syndromic approach to such lesions in radiologic diagnostics. 114 patients with cervical traumas were subjected to computed tomography examination. As a result of CT-semiotics analysis the next syndromes were singled out: isolated lesions of soft tissues of the neck, traumatic lesions of the great vessels of the neck, lesions of the cervical aerodigestive organs, lesions of parenchymal organs of the neck, lesions of the cervical part of the vertebral column and spinal cord, cervicofacial, cervicocerebral, cervicocranial, cervicothoracic lesions. As a result of our investigations high effectiveness of computed tomography was established for revealing and comprehensive description of various traumatic lesions of the neck organs and structures.

**Key words:** Cervical Trauma, Radiologic Diagnostics, Computed Tomography, Syndromal Approach.

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