Use of Contrast-Enhancement in Computed Tomography and Magnetic Resonance Imaging in Outpatient Practice: Current State and Perspectives

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Abstract

Analyzed CT and MRI studies with intravenous contrast enhancement (ICE) performed in municipal ambulatory-care clinic in Moscow in 2016 and the first half of 2017. Data were included in the analysis for 64 slices CT (52 scanners), 1,5 T MRI (36 scanners), connected to a common radiological service (ERIS). All scanners are equipped with two-syringe injectors. Positive experience of CT and MRI with ICE administration was noted in the example of Moscow. That allows to recommend these methods for wider introduction in the other regions of the country.

Key words: Contrast Agents, Outpatient Care, Computed Tomography, Magnetic Resonance Imaging.

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