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## Image recognition in oncological disease / malignant tumor diagnostics: intellectual morphological systems – problems and solutions

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Nikitaev V.G. National Research Nuclear University «MEPhI» (NRNU MEPhI) Russia, 115409, Moscow, Kashirskoe shosse, 31 Problems of methodology development for image recognition in modern intellectual systems of clinical malignant tumor diagnostics are being considered. Morphologic (histologic, cytologic) diagnostics, which is the basic type of medical diagnostics to diagnose cancer, is under study. Methods of interactive recognition and structure of intellectual morphological complexes arrangement based on expert instructional and telemedicine systems are proposed. The approach given has been successfully implemented in clinical practice.

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