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REPORT
on testing of computer-aided diagnostic system Dynamics-100

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2000

REPORT

on the clinical use of computer-aided diagnostic system Dynamics-100
in the State Scientific Research Institute for Emergency Aid named after I. I. Janelidze in oncological patients
(scientific group data)

The examination has been conducted: patients with oncological diseases of different localization. The total of 280 examinations has been conducted in 40 patients with a daily use of diagnostic complex Dynamics-100 for the whole course of treatment (7 days). Distribution of the patients by the nosological forms is presented in the table below:

Table

Clinical diagnosis	Number of patients
Colorectal cancer	20
Stomach cancer	7
Lung cancer	5
Pancreas cancer	3
Kidney cancer	2
Prostate cancer	1
Breast cancer	2
Total	40

Results of the work:

1. All the patients had deviations from the norm by parameters of Dynamics-100 that as a rule corresponded to the clinical findings of the disease and condition of the patient.
2. Positive dynamics of some parameters were detected in the course of therapy in patients with a good result of treatment.
3. The data obtained by us through diagnostic complex Dynamics-100 are indicative of a high specificity of oncopathology. The diagnosis was confirmed in all the cases.

Conclusions:

1. Diagnostic complex Dynamics-100 has a rapid response for assessment of the body system condition, including during case follow-up, it is possible to examine a functional status of a body by some systems, that cannot be examined by the standard diagnostic methods.
2. Safety, non-invasivity, speed and simplicity of patient diagnostics allow to conduct case follow-up in any conditions.
3. The data obtained by diagnostic complex Dynamics-100 are indicative of specificity in relation to oncopathology.
4. The results of study confirm expediency of use of diagnostic complex Dynamics-100 in diagnostics and in future in the course of case follow-up for the administered therapy results.