Noninvasive methods of tumor detection and activity monitoring

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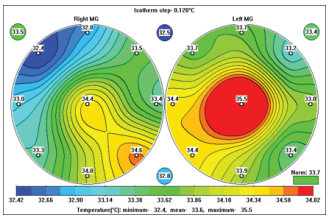
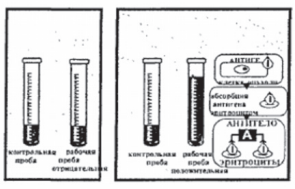


The RTM device measures temperature in a tiny amount of tissue (approx. 1 cm3) inside a body at depths up to 10 cm, with a precision of about 0.050C. A non-invasive detector of the device measures tissue's radiating heat within a spectrum of radio waves. The method was licensed by the Ministry of Healthcare in 1997 for use in early diagnosing of breast cancer, as well as for monitoring of this tumor during treatment courses. Over observations confirmed that conclusions are true for most of locations of cancer processes. Certain exceptions may only arise in cases of tumors in: kidneys, stomach, pancreas, and liver. Due to a very high rate of thermo-production in these organs areas of tumor heat may stay partially masked.



Ro-test. Immunology test was developed in P.A. Hertsen Moscow Oncology Research Center in 1995. This test indicates products of metabolism of embryonic genes on which wake up for activity while canceration. Numerous tests undertaken with a help of about 100,000 patients suffering from different kinds of cancer revealed that Ro-test gives up to 95% opportunity to reveal the existence of cancer of different locations and origins. It occurs at times that the test reveals false positive results, when the anti-A-serum accelerates sedimentation of red blood cells by more than 1.5 times (brink level for positive canceration). Comparative later research together with the RTM test results, that we have been collecting here in our Research Center for a couple of years, displays that in almost all these cases patients experienced a pre-cancer state at least in one of the inner organs.

The combined approach of both techniques arms physicians with a perfect ongoing real-time tracking of the treatment process and with means to define a stage of minimal metastasis risks, as well as to discover presence or absence of oncologic changes after the surgery.

Biography

Dmitry Malenkov is now studying Public health management and Economics in Higher School of Economics. Surgeon, cardiothoracic surgeon, oncologist, scientist, public health administrator, co-founder of Scientific center for integrative medicine. Dmitry Malenkov is the author of more than 40 papers, in the field of clinical and experimental medicine

Andrey Malenkov spent over 50 years of his life to studying the mechanisms of tumor appearance and growth. He worked in laboratory on cancerogenesis of Russian National Center of Oncology. Andrey Malenkov is the author of more than 80 papers, 20 books, a scientific discovery and several patents in the field of oncology and natural sciences. Over 20 years Prof. Malenkov heads a medical center for integrative oncology.

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