

Theses defended in the Russian Federation on bioresonance therapy in medical and biological sciences (as of 01.09.2015)
M.Yu. Gotovsky
(Center for intelligent medical systems "IMEDIS", Moscow)

Dissertation works done in Russian Federation on medical and biological aspects of bioresonance therapy
(situation for September 1st, 2015)
M.Yu. Gotovskiy
Center of Intellectual Medical Systems "IMEDIS" (Moscow, Russia)

SUMMARY

The results of a scientometric analysis of dissertations on bioresonance therapy, defended in the Russian Federation for the degree of candidate or doctor of sciences for the period from 1999 to 2015, are presented. The results showed that at present in the Russian Federation on bioresonance therapy 15 dissertations (6 doctoral and 9 candidate's) have been defended and approved by the Higher Attestation Commission, of which 12 are in medical and 3 in biological sciences.

Key words: scientometrics, bioresonance therapy, analysis of dissertations.

RESUME

Results of scientometric analysis of dissertation works on topic of bioresonance therapy done in Russian Federation for candidate and doctorate degree since 1999 till 2015 are presented. The study shows that during this time period 15 dissertation works (6 doctorate degree and 9 candidate degree) were done and approved by the Highest attestation commission among them 12 in medical sciences and 3 in biological sciences.

Keywords: Scientometry, bioresonance therapy, analysis of dissertation works.

The problem of evaluating and analyzing the effectiveness of scientific research is directly related to the laws governing the emergence, formation and development of new scientific directions. Evaluation of the effectiveness and practical significance of scientific research is a complex set of closely related, but different in each scientific area of indicators [1]. One of the most integral indicators of the state and development of a particular scientific direction are dissertations submitted for defense for the degree of candidate or doctor of science.

Considering the relatively "young" methods of treatment, which include bioresonance therapy, it should be noted that this method of treatment using natural electrical oscillations, fields or human radiation is widespread in modern medical practice. Bioresonance therapy is successfully used in Russia, the CIS countries, Germany, Austria, the USA and other countries. In 1994, devices for bioresonance therapy were approved for production and use in the Russian Federation, and in 2000, the Ministry of Health of the Russian Federation approved guidelines [2].

This publication presents the results of a scientometric analysis of 15 dissertations on bioresonance therapy, defended in the Russian Federation for the degree of candidate or doctor of science. We analyzed in detail the following information data on the number of dissertations and their distribution according to the specialties of the Higher Attestation Commission (Table 1), place of defense and organizations (Table 2), doctoral (Table 3) and candidate (Table 4) in medical sciences, doctoral (Table 5) and candidate's (Table 6) in biological sciences.

In the given material, only dissertations were used, completely devoted to the treatment of various diseases or rehabilitation, in which only the method of bioresonance therapy was used, which was in accordance with the methodological recommendations approved by the Ministry of Health of the Russian Federation [2]. This publication does not include those dissertations in which other methods of treatment were used, but which have common names and similar interpretations with bioresonance therapy.

Table 1

Distribution structure of theses defended in bioresonance therapy,

in accordance with the specialties of the Higher Attestation Commission

Specialty code VAK	The name of the specialties of the Higher Attestation Commission	Doctoral	Candidate
Medical sciences			
05.13.01	Systems analysis, management and information processing (medical sciences)	2	-
14.00.01	obstetrics and gynecology	one	-
14.00.05	Internal illnesses	-	one
14.00.09	Pediatrics	-	2
14.00.39	Rheumatology	-	one
14.00.51	Restorative medicine, physiotherapy exercises, sports medicine, balneology and physiotherapy	one	-
14.01.05	Cardiology	-	one
01/14/26; 14.01.06	Cardiovascular surgery; cardiology	one	-
03/14/11; 01/14/17	Restorative medicine, sports medicine, physiotherapy exercises, balneology and physiotherapy; surgery	-	one
03/14/11	Restorative medicine, sports medicine, physiotherapy exercises, balneology and physiotherapy	-	one
Biological sciences			
14.00.51	Restorative medicine, physiotherapy exercises and sports medicine, balneology and physiotherapy	one	-
14.00.16	Pathological physiology	-	one
14.00.51	Restorative medicine, sports medicine, balneology and physiotherapy	-	one

table 2

Distribution structure of theses defended in bioresonance therapy,

according to the place of protection

Place of protection (city, organization)	Doctoral	Candidate
Voronezh, Voronezh State Medical Academy named after V.I. N.N. Burdenko	one	one
Kazan, Kazan State Medical University	-	one
Moscow, All-Russian Research and Testing Institute of Medical Equipment	one	-
Moscow, Scientific Center of Children's Health, Russian Academy of Medical Sciences, Scientific Research Institute of Pediatrics	-	one
Moscow, Scientific Center for Cardiovascular Surgery. A.N. Bakuleva RAMS	one	2
Moscow, Russian Scientific Center for Restorative Medicine and Balneology, Roszdrav RF	one	-
Moscow, Russian Scientific Center for Medical Rehabilitation and Balneology of the Ministry of Health of the Russian Federation	-	one
Moscow, All-Russian Research and Testing Institute of Medical Equipment	one	-
Orenburg, Orenburg State Medical Academy	-	one
Perm, Perm State Medical Academy	-	2
Pushchino, Pushchino Scientific Center RAS, Institute of Theoretical and Experimental Biophysics RAS	-	one
St. Petersburg, North-Western State Medical University named after I.I. I.I. Mechnikov, Ministry of Health and Social Development of the Russian Federation	-	one
Tula, Tula State University	one	-

Table 3

Bioresonance therapy dissertations defended for competition
scientific degree of Doctor of Medical Sciences

FULL NAME.	Dissertation topic	Place of protection	Year	Speciality VAK
Zamaleeva R.S.	Fetal developmental disorders in pregnant women with extragenital diseases, their prevention and treatment	Kazan, Kazan state medical the university	1999	14.00.01
L.V. Chernetsova	Systematic analysis of the effects of bioresonance exposure in the complex therapy of patients with hemorrhagic fever with renal syndrome	Tula, Tula state the university	2008	05.13.01; 14.00.51
Sergeeva O.V.	Development of conceptual approaches to rehabilitation of patients with coronary deficiency based on mathematical modeling	Voronezh, Voronezh state medical Academy them. N.N. Burdenko.	2009	05.13.01
Khlebtsova E.B.	Protection and restoration of the organism under the influence of negative factors of the geophysical zones of the Caspian basin	Moscow, All-Russian scientific research and test institute of medical technicians	2009	14.00.51
Salia N.T.	Experimental and clinical assessment of the effects of the use of bioresonance technologies in cardiac surgery patients in the early postoperative period (experimental clinical study)	Moscow, Scientific cordially-vascular surgery them. A.N. Bakuleva RAMS	2014	01/14/26; 14.01.06

Table 4

Theses in bioresonance therapy, defended for the degree of candidate
medical sciences

FULL NAME.	Dissertation topic	Place of protection	Year	Speciality VAK
Mayko O.Yu.	Efficiency application methods homeopathic and bioresonance therapy of gonarthrosis in a polyclinic	Orenburg, Orenburg state medical Academy	2000	14.00.39
Yatsenko S.V.	State bronchial passability and bronchial reactivity in the complex treatment of children with bronchial asthma	Moscow, Science Center children's health of the Russian Academy of Medical Sciences, Research Institute of Pediatrics	2001	14.00.09
Kadochnikova G.V.	Ascariasis at children, perfection diagnosis and treatment	Permian, Perm state medical Academy	2004	14.00.09
Gustomesova E.N.	Clinical and laboratory characteristics and quality of life of patients with rheumatoid arthritis when using bioresonance methods in complex therapy	Voronezh, Voronezh state medical Academy them. N.N. Burdenko	2005	14.00.05
Makhramov Z.Kh.	The use of bioresonance therapy in the treatment of patients with chronic pancreatitis in the acute stage	Saint Petersburg, Northwestern state medical University named after I.I. Mechnikov Ministry of Health and Social Development RF	2012	03/14/11; 01/14/17
Makina S.K.	Application low intensity frequency wave therapy in a complex of rehabilitation measures for lumbosacral dorsopathy	Moscow, Russian scientific Centre medical rehabilitation and balneology Ministry of Health of the Russian Federation	2014	03/14/11
Mohamed Ali V.Kh.	Low-intensity electromagnetic fields in the treatment of postoperative wounds in cardiac surgery patients (clinical and experimental study)	Moscow, Scientific cordially-vascular surgery them. A.N. Bakuleva RAMS	2014	03/14/11; 01/14/17

Kuular A.M.	Influence of bioresonance technologies on endothelial dysfunction in patients with the Chronic Heart Failure Center	Moscow, Scientific Center for Cordially-surgery them. A.N. Bakuleva RAMS	2015	14.01.05
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Table 5

**Bioresonance therapy dissertations defended for an academic degree
doctors of biological sciences**

FULL NAME.	Dissertation topic	Place of protection	Year	Speciality VAK
Sharova L.V.	Bioinformatic approaches to assessing and restoring the adaptive reserves of the body	Moscow, Russian scientific restorative medicine and balneology Roszdrav RF	2007	14.00.51

Table 6

**Theses in bioresonance therapy, defended for the degree of candidate
biological sciences**

FULL NAME.	Dissertation topic	Place of protection	Year	Speciality VAK
L.V. Usacheva	Biological effects of bioresonance therapy in rehabilitation treatment for cervical osteochondrosis	Permian, Perm state medical Academy	2002	14.00.51
Pound V.A.	Peculiarities of synthesis of stress proteins and antioxidant system in blood lymphocytes of patients with rheumatoid arthritis	Pushchino, Pushchinsky scientific Centre RAS, Institute theoretical and experimental biophysicists RAS	2007	14.00.16

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Author's address

Ph.D. Gotovsky M.Yu., General Director of LLC "CIMS" IMEDIS "
info@imedis.ru

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