

International program of scientific researches of Chinese Image Medicine and Zhong Yuan Qigong for 2017-2023 years (Program)

ANNOTATION

The program is directed on carrying out of resourceful scientific investigations of Chinese image medicine (CIM) and developing part of Zhong Yuan Qigong (ZYQ) with the purpose to create theoretical and experimental scientific backgrounds of these time-honoured areas of holistic healing, recovering and development) of a human being. Such approach will allow forming the profound scientific background of CIM as a unique direction of modern medicine and medicine in days to come.

The program determines the actuality, strategic aim, directions and tasks, CIM investigations and developing part of ZYQ, includes recommendations concerning potential program participants, its material-technical and financial provision.

Program realization attracts much attention of international community and official science to CIM and ZYQ, will have formed an advanced place of CIM in the front ranks of modern and future medicine (integral medicine). This will serve as the best example of drawing together the western and eastern medicine, their mutual enrichment and scientific validity of alternative medicine, CIM is supposed to be one of the leading directions of it. Program creation and realization is the way of drawing together of modern science and ancient methods of healing, recovering, self-knowledge and self-development, this is the way of construction of effective and admitted by society ancient and simultaneously modern CIM direction, that is immediately represented in the main targets and tasks of international medical research institute «Kundawell».

Generalized Program plan

1. Actuality of creation and implementation of scientific research Program.
2. Strategic purpose, directions and Program tasks.
3. Stages of Program realization
4. Program potential participants.
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6. Program budgeting.
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1. Actuality of creation and implementation of scientific research Program

1.1.Modern state of scientific researches of CIM and ZYQ

Today we can ascertain essential growth of scientific community interest to the investigation of Qigong, Traditional Chinese Medicine (TCM) and other ancient methods of human being recovering and treating. In many famous scientific and educational world centers research establishments on Qigong are created and a lot of researches and a lot of investigations had been conducted by the scholars from different countries, a lot of national and international conferences had been organized, in particular these are annual international conferences on CIM and TCM.

At this day exceedingly substantial work had been done in studying, teaching, popularization, approbation, and developing of CIM methods and also evolving component of ZYQ system. However, notwithstanding these significant improvements in the development of CIM, in receiving unique medical effects with the usage of its methods, thumping majority of these achievements often has only empiric and nonsystematic nature, that doesn't allow to speak about devising of full value scientific direction in medicine, since a lot of theoretical and experimental aspects and regularities of realized researches are left incomprehensible and unmanageable, just:

1. While carrying out CIM method researches insufficiently attention is paid to the planning and organization of the investigating process according to the standards of the modern evidence-based medicine, especially, carried out researches are characterized by very restricted (sometimes they are solitary cases) capacity of homogeneous statistic data, also is seldom used the availability of alternative (control) group of patients in the investigation, standardized demands aren't available, record forms for all Image therapists during realization of researching and treatment, that appreciably complicate the appraisalment of CIM-method effectiveness with high extent of statistic exactness and authenticity.
2. There isn't correct scientific substantiated explanation of real mechanisms (physical, chemical, energetic, informational, psychological) of getting healing effects in CIM and with ZYQ practice, that states some skeptical attitude to its methods in the wide academic community.
3. It isn't perspicuously, what factors have major disposition in the healing method of specific disease: physical acting upon (massage), psychological influence (conversation with the patient), image-therapist energy impacts through the mediation of Qi- emission, physician informative influence by changing disease image, effect of medical remedy, herbs and bio components, the role of patient himself in the healing (Platsebo effect).
4. There isn't sufficient statistically significant scientific arguments of evident medical effect of such peculiar separated facts, as the impact by the means of Qi-emanation and the information influence by the dint of disease image changing, so far as such principally important for CIM factors are concealed by other famous factors of healing influence, just follows: physical acting upon (massage), psychological effect (conversation with the patient) and the patient role in the recovering (Platsebo effect).
5. The theory of CIM and ZYQ is represented in the ancient eastern philosophical concepts and definitions, basic models of which are the «Jing-Qi-Shen» concept, «Ying-Yang» concept, «Emptiness» concept, and also the concept of Life generation from Tao. In particular, for the determination of such fundamental for CIM concept as «Image» only verbal descriptions are used and some analogues with the terms of quantum mechanics and the string theory. Such state of CIM theoretical part doesn't permit to speak about scientific theory of CIM in its modern conception, but, more promptly, as about empiric regularities.

1.2. Actuality of Program realization of scientific researches of CIM and ZYQ

The reason of mentioned above, and also other disadvantages, is insufficient expressiveness of theoretical and experimental investigations in the area of CIM and ZYQ, that indicates for the necessity of the creation of the scientific direction CIM and ZYQ. The creation of such new scientific direction will further not only the promotion ZYQ and CIM to the wider audience, the creation of their prestige, but also more better will help to comprehend the essence of their phenomena and regularities. Such scientific researches can discover deep causes and mechanisms of human being diseases appearing, and also will help to create effective methods of their treatment, prophylaxis, by using scientific and technique modern and future discoveries.

The making of CIM scientific direction doesn't diminish the achievements, originality and CIM integrity as the ancient treatment art, and only will add knowledge of scientific sphere to it.

2. Strategic purpose, directions and Program tasks

2.1. Program strategic aim

The main program strategic purpose is the working out of theoretical and experimental backgrounds of CIM and ZYQ modern scientific direction, that will form CIM profound scientific background as unique modern medicine direction and the medicine of future, will

considerably increase the prestige of this ancient treatment and recovering system of human being either in wide social, or academic sphere.

2.2. Program directions

Research CIM and ZYQ has 4 own directions :

Theoretical direction – it pertains to the elaboration of CIM and ZYQ theoretical scientific aspects, and more precisely to devise a method of scientific concepts, models, methods, theories of CIM with the usage of theoretical and methodological approach of modern science (physics, biology, sciences about health, psychology, informatics, synergy etc.).

Experimental direction – it concerns to the organization and conducting of versatile objective instrumental, laboratory and statistic investigations of flowing of physical and physiologic (biophysics, biochemical, bioinformational) processes in the human body under Image-therapist action and ZYQ individual practice.

Clinical research direction – it pertains to elaboration and realization of clinic research programs of CIM and ZYQ methods on the base of modern evidence-based medicine demands.

Informational and analytical direction – it pertains to elaboration and maintenance of integrated informational and analytical system of scientific research, professional healing activity and CIM studies. This system serves for the organization and coordination of researchers activity, practical Image physician, and ZYQ instructors, for collecting, automatic statistic and intellectual analysis of the treatment results by CIM and ZYQ practice results, the creation of uniform data base of all theoretical, experimental and clinic scientific researches in the CIM and ZYQ areas, the construction of web-oriented system of distance tuition of CIM-specialists, expert support system of assumption of diagnostic and therapeutic decisions in the sphere of CIM.

2.3. Program tasks

Program tasks are arranged and grouped according to its four directions: theoretical, experimental, clinical, informational and analytical.

Theoretical direction tasks of investigations

1. To elaborate base of development of CIM modern scientific theory, that will include into their components western-philosophic and general scientific conceptual models, totality of private theories, models, methods, techniques and algorithms in the limits of definite sciences (biology, medicine (western and eastern), physics, mathematics, systems theories, synergetics, information science, psychology, cognitive sciences (especially, sciences about the nature of consciousness), semiotics) explaining the mechanisms of treatment effect appearing under the acting of Image-therapist and ZYQ own practice, and also explaining the nature and the regularities of diagnostic information receiving by Image-therapist through the mediation of its sensory, image perception and working up through the mediation of image thinking. In particular, to elaborate scientific theory, explaining the mechanisms of diagnostics and treatment by CIM methods on physical, energy, informational (spiritual) levels, and also on the levels of «Ying-Yang» and Emptiness.

2. To provide a basis of scientifically based notionally terms of CIM list, it will be understandable for the modern scientific community. This will give possibilities for the elaboration of official scientific and research and educational programs, and also proper standards in this progressive medicine direction.

3. To work out CIM theory in the form of ontological model as the most effective structure of knowledge representing in the systems of artificial intelligence and expert systems, that will allow to create of full value thesaurus (notional and terms glossary) and inphological model of its object sphere, and also will allow to automate and integrate the working up of necessary

information with the help of modern informational technologies and the systems of artificial intelligence.

4. To create authentic methods of verification (confirmation of verity) of concepts, models, methods, CIM theories on the base of the results of clinic and experimental investigations.

5. To elaborate objective scientifically based methods of analysis, predicting, evaluation of effectiveness of CIM methods and quality of work of definite CIM-specialist under diagnostic and healing the wide spectrum of diseases with necessary exactness and authenticity. On the bases of analysis received results to work out the procedure of certification and qualification heightening CIM specialists. These results can be used for self-analysis, professional correction and the development of CIM specialists.

6. To make recommendations, adaptive methods of optimization (effectiveness increasing) physician practice of CIM-specialist on the base of automate (automated) analysis of the investigation results of his professional activity, it will allow increasing its efficiency.

7. To provide a basis of scientifically-proved standards of CIM studies (educational and professional program and informative and qualification characteristics), complex of educational and training programs (curriculum, syllabus, lecture and practically-oriented educational materials, electronic interactive educational systems), methods and program means of testing and self-testing of CIM-specialists.

8. Writing of corporate scientific monograph «Theoretical and empiric basis of scientific direction of Chinese Image Medicine and Zhong Yuan Qigong», where corresponding results of theoretical and experimental investigations in the limits of Program of scholars of different science directions will be illustrated.

Tasks of the experimental direction of the researches

9. To elaborate and carry out complex of experimental investigations of real mechanisms (physical, chemical, energy, informational, psychological), leading to the appearing of healing effects under CIM-specialist influence and ZYQ own practice.

10. To work out and implement the complex of experimental investigations for determination of major healing factors of influence on the patient (physical acting (massage), psychological ascendancy over (conversation with a patient), image-therapist energy impact through the mediation of emanation and the changing of Qi, information influence of the physician by means of changing the disease image, remedy influence, herbs and bio components, own patient role in the recovering (Placebo effect)) in CIM-methods of disease treatment. Especially, to realize the complex of experimental investigations on hypotheses checking about the significance of healing influence through the mediation of Qi-emission and information impact by the way of disease form changing.

Tasks of the direction of the clinical investigations

11. To work out common program of CIM clinic researches on the basis of evidence-based medicine positions and taking into consideration specifics of CIM-specialist activity.

12. To create strategic models and methods of planning, holding, recording and analysis of experimental statistic datum of processes investigation of patient diagnostic and healing by CIM methods with the usage of modern information and analytic systems.

13. To elaborate forms and patterns for enlisting of personal information about patient, results of his independent lab and functional examinations, results of his diagnostics and healing by CIM methods on the basis of statements of evidential medicine and the specifics of activity of CIM-specialist, which are coordinated with the tasks of Program of CIM researches.

14. To create statistically significant data base of the results of clinical and experimental tests (initial homogeneous statistic material of researches).

15. To carry out statistic and analytic adaptation of data results of clinical and experimental researches, on the base of it to estimate the efficiency of diagnostic methods and CIM-healing, to

verify concepts, models, methods, theories of CIM with the usage of information analytical system.

Informational and analytical tasks of the research direction

16. To create site of Scientific department of the institute «Kundawell», on which there will be a section, dedicated to the research Program, and the section, providing access to the electronic data base of scientific issues and the conferences' material (including the materials of all conferences in CIM and TCM, carried out by «Kundawell») in the sphere of psychological system research of self-development of human being and healing systems, comprising CIM and ZYQ.

17. To provide a basis of information web-oriented system «Image-physician» for organization of professional work, experience exchanging of CIM-specialists and the selection of primordial information for data base and knowledge base formation in the CIM sphere.

18. To elaborate analytical information system of analysis, foreseeing, efficient evaluation, optimization of diagnostics results and treatment of CIM-specialists on the basis of adaptation of primordial information, received from the system «Image Therapist».

19. To elaborate information verification system (approbation) of new concepts, theories, models, methods, explaining mechanisms of getting diagnostic information and CIM healing effects and ZYQ practice on the basis of research results.

20. To work out intellectual information system, that includes thesaurus and CIM knowledge base on the base of ontology model of its objects section, virtual system of representing and working up of visual (image) CIM-specialist diagnostic information (specialized knowledge base «Image Atlas»), web-oriented system of distance studies, testing and self-testing of CIM-specialists, support expert system diagnostic and therapeutic decision getting in CIM sphere.

21. Integrate site of Scientific department of the Institute «Kundawell», information web-oriented system «Image Therapist», analysis analytical informational system, prognostication, effectiveness evaluation and result optimization of CIM-specialists healing, verification information system, intellectualized information system into complex information and analytical system of scientific investigations, professional healing activity and CIM tuition.

3. Stages of Program realization

The Program is fulfilled by the way of realization of several stages, every of which can be observed as an individual independent project. Nomination of these stages, their content, expected results, executors and limits of fulfillment will be determined while forming the group of participants of CIM and ZYQ research Program in the limits of signed treaties.

4. Program potential participants

The main initiator, organizer and coordinator of research Program is Beijing Medical Research Kundawell Institute (China). As principal potential Program participants can be Universities, research institutes, clinics, funds, public organizations, associations, firms and interested physical persons.

5. Material-technical provision

The Program is realized on the material and technical base of Program participants according to the treaties about cooperation.

6. Program budgeting

Taking into consideration non-commercial nature, a socially oriented direction of the research Program, its budgeting should be based on the principals of enthusiasm, individual initiative, patronage, sponsor support, grant receiving. Possible sources of budgeting can be:

1. Grant receiving in the limits of international research, educational, infrastructural and social programs and projects.
2. Funding of the investigations by the Program participants from their own means within the limits of signed treaties about mutually profitable cooperation.
3. International Charity Foundation "Mintang".
4. Charitable participants dues of public organizations, connected with the development of ZYQ and Chinese Image medicine (certificated instructors of ZYQ and CIM-specialists).
5. Sponsor support of juridical and physical individuals, interested in the implementation of research Program, that will be actively advertised at various arrangements and information resources connected with the Program.

7. Quality criteria of program realization

Main quality criteria of CIM research Program realization are independent expert opinion of research results, scientific issues in the prominent criticized editions and speeches at the international conferences and congresses, preparation and publication in English in the prestige publisher corporate scientific monograph «Theoretical and empiric basis of scientific direction of Chinese Image Medicine and Zhong Yuan Qigong».