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THE APPLIED SCIENTIFIC RESEARCHES DIRECTION

“APPLICATIONS OF CLINICAL MEDICINE” (“APCLINM”)

OF “SEC "SFA CMT" OF "RA(M)S" N. A. ACAD. BURDENKO N.N.” (PART 2)

The developed “The applied scientific researches direction “Applications of clinical medicine”” (“APCLINM”) treats to the applied scientific researches divisions of “The scientific-educational centre “System and financial analysis based on cognitive modeling technology” of “RA(M)S” named after acad. Burdenko N.N.” (“SEC "SFA CMT" of “RA(M)S” n. a. acad. Burdenko N.N.” – SEC) as the first SEC in the structure of “SIO “Academy of cognitive natural sciences”” (“SIO “ACNS””) as the add. component of the system of science and education of the modern country for the creation, distribution and use of the main and derivative scientific results of the cognitive modeling technology (CMT) (www.vetrovan.(spb.)ru) [see the applied scientific researches directions and departments of SEC]:

- 1) it is executed by the principle of “administrative-economy submission”;
- 2) works in the several main directions, which allow to provide the development of the applied main and derivative scientific results (my second report on SRW from 2006-2008(9) y. was submitted to “SPbSETU “LETI”” and “The Government of RF” for the translation, carrying out of int. action and receiving of “The Nobel prize”);
- 3) includes the several various main divisions:
VI. “The applied scientific researches department “Applications of dermatology and venereology (of the diseases of skin and venereal diseases)”” (“APDERM and VEN (DS and VEND)”) (*)
[the applied scientific researches in area “Applications of dermatology” – the section of the clinical medicine, studying the structure and functioning of the skin and its appendages (hairs, nails, and also mucous membranes), the diseases of skin, its appendages and mucous membranes, methods of their prevention and treatment, usage of the theoretical bases of dermatology, usage of theory of plastic surgery, usage of theory of burn surgery, usage of theory of severe thermal and radiation damages of skin, usage of theory of maxilla-facial surgery, usage of theory of periostitis, tumors and dermoid cysts, usage of theory of traumatology, usage of theory of trauma-genic injury of skin and adjacent tissues, usage of theory of general purulent-septic surgery,

usage of theory of pyoderma, usage of theory of phlegmons, usage of theory of furuncles, usage of theory of carbuncles, usage of theory of trichophthyphia, usage of theory of gangrene - necrotic surgery, usage of theory of the necrosis of skin and subcutaneous fiber, usage of theory of therapeutic dermatology, usage of theory of differential diagnostics and topography of skin, usage of theory of infectiology, usage of theory of venereology, usage of theory of the inoculable viral and parasitic diseases of skin and hypodermic appendages, usage of theory of toxicology, usage of theory of taxidermy, usage of theory of pseudoporphic and other toxic reactions, usage of theory of dermatopatiya, usage of theory of hematology, usage of theory of skin manifestations of politsitemiya, eritromegaliya, gemoblastoz of patekhiya, hemorrhagic rashes and vaskulita, usage of theory of rheumatology, usage of theory of system kollagenozes, usage of theory of endocrinology, usage of theory of the change of skin at the mellitus diabetes, hypothyroidism, hyperthyroidism and the diseases of the parathyroid glands, usage of theory of oncology, usage of theory of melanomas and other tumors of skin and its appendages, usage of theory of neurology, usage of theory of neuro-dermitis, usage of theory of ataxia-telangikinesia, usage of theory of the genetically determined neuro-skin syndromes, usage of theory of allergology, usage of theory of the syndrome of Lye, usage of theory of the syndrome of Stevens Johnson, usage of theory of uriticary rashes, usage of theory of angio-neurotic edema, usage of theory of the skin-allergic reactions of medicinal drug reactants, usage of theory of infectious pathogens and usage of the cognitive modeling technology in the applications of dermatology; *the applied scientific researches in area "Applications of venereology"* – the area of the clinical medicine, studying the infections, transmitted by the sexual way or the venereal diseases, usage of the theoretical bases of venereology, usage of theory of course, treatment and prevention of the venereal diseases, usage of theory of "old" or classical venereal diseases, usage of theory of gonorrhea, usage of theory of syphilis, usage of theory of donovanosis, usage of theory of soft shankr, usage of theory of venereal lympho-granuloma, usage of theory of "new" or uro-genital venereal diseases, usage of theory of clamidiosis, usage of theory of ureaplasmosis, usage of theory of myco-plasmosis, usage of theory of trichomoniasis, usage of theory of candidiasis, usage of theory of gardnerellosis, usage of theory of cyto-megalovirus, usage of theory of genital herpes, usage of theory of the virus of papilloma of the person, usage of theory of the virus of deficit of the immune system of the person and usage of the cognitive modeling technology in the applications of venereology].

VII. "The applied scientific researches department "Applications of dietetics (of the diseases of improper nutrition)"" ("APDIET (DIN)") (*) [*the applied scientific researches in area "Applications of dietetics"* – studies the impact of food and drink on the health and diseases, especially at the determining of optimal nutrition, prescribes the therapeutic diet at the mellitus diabetes, cardiovascular diseases, over weight and the disturbances of digestive, allergies, malnutrition and tumors, usage of the theoretical bases of dietetics, usage of theory of the impact of food and drink on the health and diseases of person, usage of theory of the determining of optimal nutrition, usage of theory of the prescribing of therapeutic diet at the mellitus diabetes, cardiovascular diseases, over weight and the disturbances of digestive, allergies, malnutrition and tumors, usage of theory of the rationalization of nutrition, usage of theory of the individualization of nutrition, usage of theory of supply of the safety of nutrition, usage of theory of the organized nutrition systems and usage of the cognitive modeling technology in the applications of dietetics].

VIII. "The applied scientific researches department "Applications of cardiology (of the diseases of the cardiovascular system)"" ("APCARD (DC-VS)") (*) [*the applied scientific researches in area "Applications of cardiology"* – the extensive section of the clinical medicine, engaged the studying of the cardio-vascular system of person: the structure and development of the heart and vessels, their functions, and also the different diseases, including the study of the causes of their occurrence, the mechanisms of development, the clinical manifestations, the questions of diagnostics, provides the development of the effective methods of their treatment and prevention, the problems of medical rehabilitation of the persons with the lesions of the cardio-vascular system, usage of the theoretical bases of cardiology, usage of theory of the pathological conditions of cardiology, usage of theory of the coronary disease of heart, usage of theory of hypertension disease, usage of theory of the congenital defects of heart, usage of theory of the acquired defects of heart, usage of theory of cerebro-vascular diseases, usage of theory of cardiological pathology in the structure of mortality of the population of developed countries, usage of theory of the increasing of morbidity and damage of the cardio-vascular system of people, usage of theory of the cardio-vascular and medical-social problems of health care and usage of the cognitive modeling technology in the applications of cardiology].

The applied scientific researches directions and departments of SEC allow to develop the main and derivative scientific results of CMT.