



David Tvildiani Medical University

Report on the implemented researches according to
the Faculty / Department (taking into consideration
affiliation)

Taking into consideration the rules of affiliation of the academic personnel, implemented and ongoing researches by the Department and the representatives of the Department carried out independently and with joint cooperation are:

I. Directions of the Department of Human Morphology and Pathology:

- Criteria for complex assessment of biological characteristics of the basal type cancer of the breast. (The results of the survey are in the analysis phase).
- „An epidermal growth factor in Blood serum and in mucous membrane epithelial cells of uterus body Prognostic significance of the receptor of epidermal growth factor in hyperplasia of the mucous membrane mucous membrane.“(is completed)
- Pathologic-Anatomic Correlations of Phenotype Characteristics of Thyroid Neoplasia of Thyroid Gland in FNA-Cytology (research is completed)

II Directions of Cellular and Molecular Basis Department of Normal and Pathologic Processes of humans:

- Study of physiological-biochemical indicators of nutritional status in elderly persons of Georgian population. In cooperation with the direction of nutriology. (research is completed)
- Malnutrition - inflammation complex syndrome in case of heart chronic cardiac dyspnea. (The results of the survey are in the analysis phase).
- "Study of plasma myeloperoxidase level in patients with different heaviness heart chronic cardiac dyspnea. Connection between echo-sound indicators of heart remodeling and inflammation / oxidative stress biochemical parameters." together with the Internal Medicine Department. (research is completed)
- Epidemiology and epidemiological characteristics of exfoliative syndrome in Georgia". with the direction of ophthalmology. (Required data collection continues)
- "The role of sexually transmitted diseases and their diagnostic significance in the development of an autoimmune form of infertility." With dermatovenereology department. (is completed)
- Study of epidemiology of Clostridium difficile diagnoses in hospitalized pediatric patients using polymerase chain reaction method (Required data collection continues)

III. Directions of Internal Medicine Department:

- "Early prediction of heart cardiac dyspnea development risk using electrocardiography, echocardiography and biochemical markers."(The research is completed)
- Study of body mass composition and visceral fat indicators in primary groups of cardiovascular disease in different groups of Georgian population". (Required data collection continues)
- "Risk assessment of post-ablative recurrence in atrial fibrillation by some clinical-laboratory methods." (Required data collection continues)
- "Referential Sizes of Cardiovascular Risk Markers and Pathochemical methods of Risk Realization in Georgian Population." (research is completed)
- Heart Chronic Cardiac Dyspnea Development and Progressing Mediator Galactin-3 Regulation Association with Protein-Energy Malnutrition." (Required data collection continues)
- "The meaning of baseline levels of the plasminogen activator inhibitor type I (PAI-1) in the blood of patients in specification of ablation indicators during atrial fibrillation." (Required data collection continues)
- "The role of 12-direction electrocardiogram in determining the location of open-covered additional passages and focal atrial tachycardia
- "Risk Factors of Convulsive Epileptic Status in Children" (completed)
- "Idiopathic focal and idiopathic generalized epilepsy and the associated anti-epileptic treatment on the sleep characteristics of infected children. Chronic Cardiac Dyspnea Development and Progressing Mediator Galactin-3 Regulation Association with Protein-Energy Malnutrition." (Required data collection continues)
- "west syndrome's etiological, clinical and eclectic features, treatment tactics and remote detection predictors." (Required data collection continues)
- "Etiological, clinical and neurovizualization of pediatric arterial ischemia stroke Peculiarities, solution and predictors of distant solutions."(Required data collection continues)
- "Management and prognosis of epilepsy associated with cerebral Palsy (Static encephalopathy)." (The draft of the research is approved, the supposed date of data collection is September 2018)
- "Fetal programming and its impact on the development of respiratory diseases in children."(Required data collection continues)
- "Management of emergency situations with a bone of approach: indications, impacts on solution and complications. "(Required data collection continues)
- "Diseases etiology, clinical process and treatment, prevention, screening and epidemiology factors." (Required data collection continues)
- "Fetal programming. Influence of nutrient status in physical development parameters and frequency of morbidity in children." (Required data collection continues)
- "Fetal programming: "Influence of fetal stress in the development of attention and development of the syndrome of attention deficit and hyperactivity in children's age." (The draft of the research is approved, the supposed date of data collection is September 2018).

- "Research of the association of psoriasis and cardiovascular diseases in patients with different heaviness and in patients with psoriasis in the treatment regime." (Required data collection continues)
- "According to the clinical-morphological characteristics of androgenic alopecia division into phases, differential diagnosis and treatment. (The draft of the research is approved, the supposed date of data collection is September 2018).
- "Development of Magnetic Sensitivity Universal Test" (completed)

IV. Directions of Surgery Department:

- "fixation of diaphysis of femur fractures and Titanium elastic stable intramedullary stalks in children's age."(Required data collection continues)
- "Clinical-epidemiological peculiarities of cervical intraepithelial neoplasia and stratification of predictive risk (Adjara region)."(Required data collection continues)
- „The primary dysmenorrhea: Epidemiology, comorbid peculiarities and quality of life in early reproductive age women population.
- "The hydatoid target pressure factor in cataract phaco-emulsification intraoperative complication."(Required data collection continues)

V. Directions of Social and Behavioral Sciences Department:

- "Integration of Professionalism in pre-Diploma Medical Education." (Required data collection continues)
- "Criteria for teaching / development / evaluation of clinical judgment skills in pre-diploma medical education."(Required data collection continues)
- "Inappropriate use of laboratory tests in primary health care institutions of Georgia, factors influencing tests for individual patient and educational strategies to improve the quality of medical care. "(Required data collection continues)
- "Influence of the introduction of new medicines for tuberculosis in Georgia on patients' clinical remedies and health care system."(Required data collection continues)
- "Quick diagnostic molecular test, Xpert TB / RIF, clinical value assessment (expectorated) phlegm smear-negative, multi-resistant to tuberculosis patients in Georgia." (Required data collection continues)
 - "Quantiflorine-TB gold test tone and skin tuberculine sampling importance in Tuberculosis nosocomial transmission Assessment and infection control measures in the introduction of Georgian medical Institutions." (completed)
- "Study of existing and alternative medicine practices for the development of a scientific basis for public health policy." (research is completed)