



DEPARTMENT OF PHYSICAL MEDICINE



PROFESSOR LELA MASKHULIA
HEAD OF DEPARTMENT



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ASSOCIATE PROFESSOR



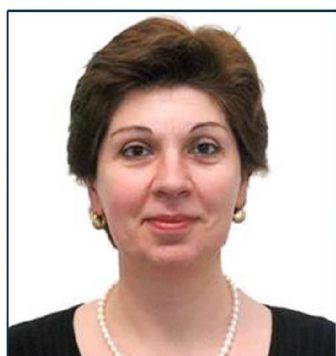
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GRIGOL SULABERIDZE
ASSOCIATE PROFESSOR



VALERI AKHALKATSI
ASSOCIATE PROFESSOR



IRMA KVNIKADZE
ASSISTANT PROFESSOR



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Department of Physical Medicine of Tbilisi State Medical University was established in 2007, immediately after opening of Physical Medicine and Rehabilitation Faculty. In 2007-2011 the department was led by the Associate Professor Igor Dolidze. In 2009 Department of Functional Morphology was established on the Physical Medicine and Rehabilitation Faculty, including two directions: Direction of Exercise Physiology & Biochemistry led by Associate Professor Manana Rukhadze, and Direction of Dynamic Anatomy & Neuroanatomy (department of Dynamic Anatomy since 2013) led by Assistant-professor Grigol Sulaberidze. Integration of abovementioned structures into Physical Medicine Department was implemented in 2017, while the Department of Balneology and Physiotherapy joined the Physical Medicine Department in 2021.

Since 2011 Professor Lela Maskhulia is the Head of Physical Medicine Department. In the department students of the Physical Medicine and Rehabilitation Faculty study basic disciplines of Physical Medicine, obtain knowledge about prevention of disabling conditions, their diagnostics, treatment, rehabilitation management, as well as clinical skills for application of modern physical rehabilitation methods and technologies. Physical Medicine department is in charge of implementation of Master degree program in Sports Rehabilitation, also the department is involved in Pediatric Rehabilitation Master program. Herewith, the department provides core courses to students of Faculty of Medicine and International Faculty of Medicine and Stomatology, and elective subjects to students of faculties of Stomatology and Public Health and bachelor programs of Nursing.

Research interest of the department includes: adaptation of cardiovascular and musculoskeletal systems to the physical workload, role oxidative stress in the pathogenesis of cardiovascular and musculoskeletal disorders due to intensive physical training; overtraining in sports; physical rehabilitation after sports injuries; physical rehabilitation after knee surgery and arthro-fibrosis due to injury; management of shoulder injury with use of physical agents; physical exercise in cardiovascular disease prevention and rehabilitation. The most current research interest of the department is SARS-CoV-2/COVID-19 related cardiovascular conditions/complications in young patients.



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The department is actively involved in the development of pulmonary rehabilitation, including post SARS-CoV-2/COVID-19 rehabilitation management, and elaboration of the theoretical-practical course of pulmonary rehabilitation in partnership and close collaboration with Physical Therapy program of Emory University School of Medicine.

Since 2017 Tbilisi State Medical University is a partner institution of the Emory University School of Medicine (Emory) in the Physical Rehabilitation Project in Georgia. Among the other aspects, this partnership includes development of the educational programs according to the international standards. The Department of Physical Medicine is actively involved in the project, and together with TSMU Sports Medicine and Rehabilitation Clinical Center, provides academic and clinical-practical components of the project.

Cooperation with the international partners (Emory University School of Medicine, Physical Therapy program, USA; Cardiff Metropolitan University School of Sport and Health Sciences, UK; Tartu University Faculty of Medicine, Physical Therapy Program, Estonia) facilitates the exchange of experience and best practices, implementation of the modern teaching and learning methods and assessment methodologies in courses taught by the department.

Current academic staff and invited teachers of the Physical Medicine Department: Professor Lela Maskhulia, Head of the department, Associate Professor Marine Matiashvili, Associate Professor Anna Gogelia, Associate Professor Grigol Sulaberidze (leads Dynamic Anatomy course), Associated professor Zurab Kakhbrishvili, Associate Professor Valeri Akhalkatsi; Assistant-professor Irma Kvinikadze. Invited teachers – Tamar Chutkerashvili, Khatuna Urushadze, Sopo Shagidze, Lali Gabashvili, Temur Mikiashvili, Maia Nemsadze, Eter Abaishvili, Iza Revia, Elene Tskrialashvili, Nino Gorduladze, Qetevan Sivsivadze, Tamar Seperteladze, Vasil Potskhveria, Levan Akhalkatsi, Michael Gorshkov, Giorgi Iashvili, Lamara Adamia, Kristine durglishvili, Givi Koberidze, Teona Shavshishvili, Ana Chichinadze. Laborant - Nino Sisauri.



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