

Scientific and research characteristics

The main function of the department is to increase the quality of research, more effective application of research results in practice, and thus enable the clinic to integrate and establish itself in international networks and EU projects.

As part of the scientific and research activity, the cooperation of the clinic with public universities - *The Pavol Jozef Šafárik University in Košice, the Faculty of Medicine, the Technical University in Košice, the Faculty of Mechanical Engineering, the University of Veterinary Medicine and Pharmacy in Košice* and with the research institution - *the Slovak Academy of Sciences in Košice*, is essential. *Medirex Group Academy n.o.*

The main priority of the clinic is maintaining this cooperation and creating joint projects (Research and Development, APVV, VEGA, Research and Innovation, Integrated Operational Program, Integrated Infrastructure). Mutual cooperation is also important in the field of participation in undergraduate and postgraduate education, lecturing and publishing activities.

We cooperate with the coordinating partner *SLOVACRIN*, which was established under the umbrella of the Faculty of Medicine of The Pavol Jozef Šafárik University in Košice and provides a complete service for clinical studies organized by doctors - researchers. As part of this cooperation, we have the opportunity to participate in ongoing ECRIN projects, related to multicenter academic clinical study projects. Currently, the clinic is participating in the international clinical study EU-SolidAct (EudraCT number: 2021-000541-41) - *Treatment of hospitalized patients with COVID-19 infection*. The sponsor is *Oslo University Hospital, Sognsvannsveien 20, 0372 Oslo, Norway*.

Osteocentrum is involved in scientific research projects – VEGA, APVV and RKŠ.

The cardiology clinic is involved in international scientific research projects and registries within the FIFA Medical Center of Excellence and RKŠ and performs examinations of athletes with a focus on the cardiovascular apparatus and focuses on the prevention of the risk of sudden cardiac death. Cardiology will also be part of the AGEL SPORTS MEDICINE CENTER under construction with unique equipment, staffed by top experts in the field of orthopedics, cardiology, rehabilitation and physiotherapists. This will increase the center's knowledge potential, enabling lecture and publication activities, the possibility of obtaining Slovak and foreign grants and expanding international cooperation in the field of sports medicine.

