
Department of Emergency Medicine

Main research topics

- Early diagnosis of serious non-traumatic conditions with a focus on cardiovascular to cardiovascular disease
- Administration of whole blood in severely bleeding patients

Scientific research groups

- ENDEMIC study investigators (Jakl, Grenar, Nový; cooperation with IKAK: Mědílek, Pudil)
- STOP-LORE study investigators (Čermáková; cooperation with IKAK: Malý, Varhaník)
- Researchers of the RABBIT 2 study (Kočí, Berková; cooperation with ZZS KHK: Truhlář)

Equipment

Ultrasound device: early detection of life-threatening conditions that cannot be detected comparably quickly by other means.

Achievements

- Within the Czech Republic, whole blood administration is a priority; within Europe, only the third country where whole blood is administered in pre-hospital care
- Start of education in point-of-care ultrasonography at national level