

The role of telemedicine in prehospital emergency management of ST-elevation myocardial infarction

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The use of telemedicine in prehospital care of STEMI patients in Brodsko-Posavska County enables timely recognition and activation of the intervention team in the percutaneous coronary intervention center, which directly contributes to a shorter time from first medical contact to reperfusion. The high rate of aspirin administration, timely venous access and 12-lead electrocardiogram within the recommended time frame indicate good adherence to clinical guidelines in the daily work of emergency medical teams. However, differences in the availability of teams with medical staff and logistical challenges in remote areas remain obstacles to achieving optimal time intervals. The integration of highly educated nurses and technicians with specialized competencies in emergency medicine represents a significant advance and offers the potential for further improvements in the quality of care, especially in teams without the constant presence of a physician.¹⁻³ Further research is needed to monitor treatment outcomes and assess the effectiveness of current protocols.

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LITERATURE

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