

## Division of Prehospital Services Strategic goal #7:

**The prehospital service is supported by research, innovation, development, and quality improvement.**

The Division's research strategy unites researchers and leaders in a common goal for the research activity in a defined period. The strategic goals for research, innovation, and development are building on the hospital's overarching research strategy for 2021-2025.

### *Sub-goals:*

- Our research activities are linked to the clinical activities. **The overarching themes are the proper use of resources and improved treatment outside the hospital.** We organize our research within these main areas of interest:
  - **Cardiac arrest research** including registry based research
  - **Transfer and retrieval** including patient safety and transport medicine
  - **Prehospital medical treatment, new technology and biosensors** including collaboration with hospital-based specialists and world leading engineering researchers
  - **Safe and optimal prioritization and resource allocation** including health services research and patient perspectives
- Our work on research, innovation, and development should strengthen collaboration between departments in the division and with other departments in OUS, as well as regional, and international scientific partners.
- We should actively contribute to service innovations focusing on comprehensive prehospital services and optimization of patient safety and patient pathways.
- Our research activities support overarching research policy goals of openness in research, user involvement, and adherence to ethical and legal standards.
- We should have a good research culture that highlights research and strengthens the development and implementation of evidence-based treatment.

### *Action plan for research 2024-2025:*

- All clinical departments in the divisions take part in at least one research project with personnel and clinical data collection. For the current period we will prioritize new projects that includes Department of EMC and the Ambulance department.
- The allocation of man-years within the division for research and development in the division increases from 0.7 % in 2023 to 1.5 % in 2025.
- The number of published original papers and systematic reviews in peer-reviewed and indexed journals, shall be between 25 and 30 each year. (Average last five years: 27/year)
- We will continue our good collaborations with academic partners and aim to start 2-4 new PhD-projects in 2024 and a similar number in 2025.
- Likewise, we aim to see the finalisation of 2-4 PhD-projects in 2024 and 2025. We aim for a proportion of finalised PhD-projects that extend beyond 4 years (fulltime) or 7 years (part-time) that is less than 50 %.
- In this period, we aim to develop our capacity to retrieve, collate, and analyse clinical data from our own electronic charts and patient report charts. This includes allocation of dedicated personnel hours.
- In this period, all senior researchers with allocated time for research are expected to participate in at least one application for external funding.