

The Division of Emergencies and Critical Care Research Plan 2024-2025

Research and innovation represent our core tasks along with patient treatment, patient education, and professional education. We aim to be the leading Norwegian research institution in our field.

Clinical research activity

Facilitate clinical research and follow up on 'National action plan for clinical studies 2021-2025', endorsed by our hospital and integrated into the research strategy ([Research Strategy 2021-2025_Eng_Final.pdf \(ous-research.no\)](#)):

1. All personnel involved in clinical research have the necessary facilities to plan and carry out different clinical studies, including available research nurses.
2. Research is included in the annual employee interviews and reports.
3. Strengthen the incentives to run clinical studies as an integral part of patient care, aiming at a 5% annual increase in number of patients included in clinical studies.
4. Integrate user involvement in all research projects.
5. Improve multi-professional, industrial, and commissioned research collaboration through;
 - a. Streamline processes for receiving inquiries, responding, and entering into agreements.
 - b. Establish clinic- or department-wise contact persons.
6. Facilitate clinician-initiated, industry-funded, and registry-based randomized clinical trials (RCTs), including connecting collaborators outside our own specialist health community.
7. Dissemination of research results has high priority and follows guidelines for research communication in OUS [Forskerstøtte \(forskerstotte.no\)](#) and the strategy for open access in UiO ([Strategy for open access at UiO - University of Oslo Library](#)).

Research collaboration

We aim to increase the number of combined positions (lecturer /associate professors) at UiO, OsloMet, and other universities and colleges. Research collaboration with other Norwegian and international academic health institutions is supported.

Biobank, IT, and Medical Technical Equipment (MTE)

In addition to specific research biobanks, our thematic research biobank is organized under broad consent (Lead: Department of Pain Research and Treatment). Establish coherent logistics for sample handling and obtaining consent linked to routine activities. Initiate the eBiobank software solution for new research biobanks, including specific biobanks in research projects.

Contribute actively to IT processes for research and development of the Data Warehouse as a useful tool for researchers.

Establish a long-term plan for MTE for research. All MTE procurements include research as a purpose described in the specifications for tenders.

Quality Registries

Integrate quality registers as an important part of our entire clinical production. Stimulate active use of quality registers in patient safety research and quality improvement projects.

Development and recruitment of researchers

Establish and implement a procedure aimed to involve all researchers in yearly development interviews, discussion of individual career plans with research capability, and career guidance on ambitions and potential opportunities for a further career in or outside OUS.

All leaders are responsible for maintaining and promoting a professional, gender and ethnicity equal, active, and safe research environment, and to include new researchers into this system. The division has implemented a career development program for colleges with Ph.D. to support further research.

Specific objectives in the Division of Emergencies and Critical Care

- Ensure adequate support and stimulation for colleagues with interprofessional focus and with innovative and sustainable ideas.
- Research on patient safety has a special priority.
- Research on anaesthesiology, intensive care nursing and medicine, pain medicine, and traumatology have established strong research groups that will be supported and further strengthened.