

Historical overview of the Munich Center for Health Sciences



The Munich Center for Health Sciences (MC Health) emerged successfully from an internal university competition, the LMUinnovativ Initiative, which was created in the context of the first Excellence Initiative. The center was coordinated by Prof. Dr. Reiner Leidl, Faculty of Business Administration. MC-Health was founded in 2006 by 13 professors from five faculties of the LMU. It initially received funding for three professorships and eight staff positions.

MC-Health bundled expertise in interdisciplinary, quantitative health research and brought together resources from medicine (biostatistics, epidemiology and clinical disciplines), economics and social sciences and statistics; institutes of the Helmholtz Center Munich (Epidemiology and Health Economics) were also involved. The core topics of MC-Health included approaches aimed at prevention and improving health care. Methodologically, the work was based on interdisciplinary, primarily quantitative empirical research.

With its approach, MC-Health carried out internationally competitive research. In the 15 years of its work, more than a dozen institutes have contributed to over 500 publications (see, among others, ["Munich Center of Health Sciences" - Google Scholar](#)). Examples of projects in the field of health services research are on the next page.

Through substantial third-party funding, health services research developed into an important research focus. Furthermore, the center achieved good national and international visibility with the topic of evidence-based public health; this also includes the establishment of a [WHO Collaborating Centre for Evidence-Based Public Health](#) in the Faculty of Medicine. Implementation and evaluation research, digital public health and molecular epidemiology focused on disease mechanisms have also developed as important fields of work.

The center existed until 2021, when its resources were transferred to the participating faculties.

MC-Health Contributions to 12 Projects in Health Care Research

<i>Responsible</i>	<i>Project</i>
<u>Innovation Fund, Health Care Research</u>	
Prof. Dr. Grill (lead) Prof. Dr. Leidl (participant)	PrimaA-QuO: Optimized primary medical care for children and adolescents with mental health problems and disorders
Prof. Dr. Leidl (lead)	LQ_DMP: Quality of life in the COPD disease management program
Prof. Dr. Mansmann (participant)	ReVOn: Patient-related benefits of new drugs in oncology (registry for health services research)
Prof. Dr. Linseisen (lead)	RiDe-PPI: Health risks and determinants of long-term use of proton pump inhibitors
Prof. Dr. Leidl (participant)	COMPANION: Development of a patient-centered, nationally applicable complexity and case mix classification for adult palliative patients based on needs and resource consumption
Dr. I. Kirchberger/ Prof. Dr. Linseisen	INFO-LE: Evidence-based health information for patients with pulmonary embolism in the post-acute treatment phase
<u>Innovation Fund, Health Care Organisation</u>	
Prof. Dr. Mansmann (participant)	FARKOR: Prevention in the case of a familial risk of colorectal carcinoma
Prof. Dr. Mansmann (participant)	ERIC: Enhanced recovery after intense care
Prof. Dr. Sundmacher (participant)	TeleDerm: Implementation of teledermatological consultations in primary care
Prof. Dr. v. Kries (lead)	Momo: Development-related, multimodal, interdisciplinary early intervention as part of a structured therapy concept for children with migraine - Modules on migraine onset
Prof. Dr. Grill (part of lead)	PoiSe: Prevention, online feedback and interdisciplinary therapy of acute dizziness using e-health
BMBF-Health Care Research Network	
Prof. Dr. Grill (lead) Prof. Dr. Mansmann, Prof. Dr. Leidl, (participant)	Enabling participation by enabling Mobility in older patients - Evidence-based health care research network (MobilE-Net)

Note: More information on Innovation Fund projects can be found under the title links in blue colour, yet in German only.