

CV Alma Becic Pedersen, Professor, DMSc, PhD, MD

Personal Information

Born: Marts 17, 1971, Bihac, Bosnia and Hercegovina. Family: Married to Dr. Sean H. Pedersen. Children – Sara (b. 2001), Magnus (b. 2006) and Liv Alija (b. 2011). Nationality: Danish.
Tlf. 4061 6378

Education

1999	Permission to practice independently as a physician
1997	Medical degree from the Aarhus University, Denmark
1995	Medical degree from the Zagreb University, Croatia

Academic Degrees

2018	Professor in Patient Safety, Aarhus University, Denmark
2016	DrMedSci from the Aarhus University, Denmark
2013	Clinical lector, Aarhus University, Denmark
2006	PhD from the Aarhus University, Denmark

Appointments

2016-present	Department of Clinical Epidemiology, Aarhus University Hospital, Chief Physician
2013-2016	Department of Clinical Epidemiology, Aarhus University Hospital, Staff Specialist
2007- 2012	Department of Clinical Epidemiology, Aarhus University Hospital, resident
2006	National Indicator Project, The Coordinating Secretariat, Aarhus County, resident
2002-2005	Phd student at Aarhus University
2000-2002	Department of Orthopedic surgery, Aarhus University Hospital, resident
1999-2000	Department of Orthopedic surgery, Horsens Hospital, resident
1999	General Practitioner, Grindsted
1997-1998	Department of Medicine and Surgery, Grindsted Hospital, resident

Scientific Activities

Total number of publications in peer-reviewed journals is 231, of which 34 as first and 72 as last coauthor.
H-index in Scopus: 44.

Main Research Interest

During the past 20 years, I have conducted a substantial number of epidemiological projects focusing on surgical safety of patients undergoing major orthopedic procedures, incl. osteoporotic fracture patients. My research focus has lied within the risk factors for and mechanisms behind the postsurgical complications such as cardiovascular complications, infections, acute kidney injury, reoperations, and the impact of these serious complication on patient prognosis, return to work and death.

International relationship

I was a co-initiator for the establishment of Nordic Arthroplasty Register Association (NARA) group in 2007, a Nordic collaboration between national hip and knee arthroplasty registries for clinical quality in Denmark, Norway, Sweden, and Finland. I have published in collaboration with a number of clinical and research departments in Denmark, England (Oxford and University College London), Norway, Sweden, Finland and the Netherlands. Currently, I have phd students together with Oxford, Leiden, and Bergen University.

Leadership experience

I have many years' experience in running, developing and reporting from national clinical quality databases as a member of steering committee responsible for epidemiological supervision and biostatistical analyses. I had responsibility for consultancy within PROCRIN program (2015-2016) which included support to clinicians and clinical research based on health data. In addition, I was responsible to single project budgets.

I am a member of management group at Department of Clinical Epidemiology. Since 2018 I have led the research group in surgical patient safety at Department of Clinical Epidemiology, which currently include 7 phd students and 1 research year students, and two part-time allocated biostatisticians.

PhD Student

Supervisor for 15 PhD students who have received PhD degree during 2009-2025. Supervised 12 research year medical students during 2006-2024. Currently, I am supervising 8 PhD students (4 as main supervisor).

Major grants (last 6 years)

- The Danish Council for Independent Research of DKK 3,075,408, in 2024 (main applicant)
- The Danish Council for Independent Research of DKK 172,000, in 2022 (main applicant)
- The Danish Rheumatology Association of DKK 175,000, in 2022 (main applicant)
- Fonden af 17-12-1981 of DKK 120,000 in 2022 (co-applicant as main supervisor for research year student)
- Aarhus Universitets Forskningsfond (AUFF) of DKK 130,000 in 2022 (co-applicant as main supervisor for research year student)
- Department of Clinical Medicine, Aarhus University of DKK 1,120,000 in 2022 (co-applicant as co-supervisor for PhD)
- Department of Clinical Medicine, Aarhus University of DKK 1,650,000 in 2022 (co-applicant as main PhD supervisor)
- Department of Clinical Medicine, Aarhus University of DKK 1,129,951 in 2021 (co-applicant as main PhD supervisor)
- RegionMidjyllands Sundhedsvidenskabelig forskningsfond of DKK 529,799 in 2020 (co-applicant as main PhD supervisor)
- Department of Clinical Medicine, Aarhus University of DKK 1,203,558 in 2020 (co-applicant as main PhD supervisor)
- Helsefonden of DKK 350,000, in 2020 (main applicant)
- Helsefonden of DKK 350,000, in 2020 (co-applicant as main PhD supervisor)
- Novo Nordisk Foundation of DKK 149,495, in 2019 (main applicant)