



JONAS ANDERSSON is a registered nurse specialised in emergency care, with more than ten years of clinical experience in emergency departments (EDs). His research focuses on patient flow in emergency departments, with a particular interest in how process factors shape emergency department length of stay (EDLOS) and how the emergency care system can be organised to maximise patient benefit.

This dissertation explores ED performance through multiple methodological approaches, ranging from qualitative concept analysis to large-scale observational studies using national registries. It examines how input-, throughput-, and output factors influence EDLOS; how high-frequency ED users impact resource utilization; and how variations in EDLOS relate to adverse events and mortality. By contextualising EDLOS within patient case-mix and clinical processes, the thesis highlights the need for more nuanced, patient-centred metrics for evaluating quality and safety in emergency care.

Jonas lives in Eskilstuna, Sweden, where he teaches medical science to nursing students at Mälardalen University. He collaborates closely with the regional emergency departments and contributes to the Emergency Medicine research group at Örebro University.

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