

Media release

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Basic information

Name: Hanne Email: Mainz Phone: 26569767

Department of: Clinical Medicine

Main supervisor: Ole Brink

Title of dissertation: Organizational factors associated with nurses' perception of healthcare quality and nurse staffing adequacy

Date for defence: 9. march 2017 at (time of day): 14 Place: Aarhus University Hospital, Palle Juul-Jensen Auditorium, byning 10, Nørrebrogade 44, 8000 Aarhus C

Media release (Danish)

Den sundhedsfaglige kvalitet og sygeplejenormering

Et nyt Ph.d. studie fra det Sundhedsvidenskabelige fakultet, Aarhus Universitet bidrager med ny viden om sygeplejenormering og plejepersonalets arbejdsforhold. I studiet blev forskellige organisatoriske faktorer undersøgt og sammenholdt med plejepersonalets daglige vurderinger af den sundhedsfaglige kvalitet og sygeplejenormering. Arbejdet repræsenterer den første forskning i Danmark om sygeplejenormering.

Studiet er udført på medicinske og kirurgiske hospitalsafsnit på Aarhus Universitetshospital. Det viste, at følgende faktorer har sammenhæng med personalets vurdering af god sundhedsfaglig kvalitet og tilstrækkelig sygeplejenormering: flere sygeplejetimer per patient; større andel af sygeplejersker; mindre plejeintensitet (plejetyngde); længere erfaring inden for specialiet og højere ekspertise blandt plejepersonalet. Redskaber udviklet og testet i forbindelse med Ph.d-studiet blev fundet anvendelige til at vurdere og fastlægge sygeplejenormering med henblik på en optimal udnyttelse og fordeling af ressourcerne i sundhedsvæsenet. Redskab til at vurdere og sammenligne sygeplejerskers arbejdsmiljø kan understøtte bestræbelserne på at skabe gode organisatoriske forhold og optimal sundhedsfaglig kvalitet til gavn for patienterne.

Ph.d.-projektet med titlen "Organizational factors associated with nurses' perception of healthcare quality and nurse staffing adequacy" er fra Aarhus Universitet, Health. Projektet er gennemført af Hanne Mainz, der forsvarede det d. 9/3 2017

Pressemeddelelsen - afsluttes med: Forsvaret af ph.d.-projektet er offentligt og finder sted den 09/03 2017 kl. 14 i Palle Juul-Jensen Auditorium, Aarhus Universitetshospital, byning 10, Nørrebrogade 44, 8000 Aarhus C. Titlen på projektet er "Organizational factors associated with nurses' perception of healthcare quality and nurse staffing adequacy". Yderligere oplysninger: Ph.d.-studerende Hanne Mainz, e-mail: hanmai@rm.dk, tlf. 26569767.

Media release (English)

Healthcare quality and nurse staffing adequacy

Healthcare quality and adequate nurse staffing are important for patient outcomes. This relationship has been found in several studies during the past 30 years. However, most studies have been retrospective, and have included data only at the hospital level. This new PhD project from Health, Aarhus University contributes new knowledge about nurse staffing and nurses' work environment at the unit

level by associating different organizational factors estimated on every shift with nurses' daily assessments of healthcare quality and staffing adequacy.

The project was conducted on medical and surgical hospital units at Aarhus University hospital. Findings include that more nursing hours per patient, richer skill mix, lower nursing intensity, more years in the specialty and higher levels of expertise among nurses were associated with high ratings of quality and staffing adequacy. The study's validated tools can assist healthcare administrators in predicting future staffing needs for a better use and distribution of healthcare resources. The Practice Environment Scale of the Nursing Work Index can be used to evaluate and compare nurses' practice environments in pursuit of an excellent work environment that supports optimal healthcare quality for better patient outcomes.

The project was carried out by Hanne Mainz, who is defending her dissertation on 3/9 2017.

The defence is public and takes place on 3/9 at 14 in Palle Juul-Jensen Auditorium, Aarhus Universitetshospital, building 10, Nørrebrogade 44, 8000 Aarhus C The title of the project is "Organizational factors associated with nurses' perception of healthcare quality and nurse staffing adequacy". For more information, please contact PhD student Hanne Mainz, email: hanmai@rm.dk, Phone +45 26569767

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