

Press release

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Basic information

Name: Lise Brogaard Email: lbrj@clin.au.dk Phone: +4561308100

Department of: Clinical Medicine

Main supervisor: Niels Uldbjerg

Title of dissertation: TeamOBS

Video filming as a tool for better delivery ward performance.

Date for defence: fredag 7. sep 2018 at (time of day): 14.00 Place: Horsens Art museum

Press release (Danish)

Læge Lise Brogaard har under sit ph.d.-forløb filmet obstetriske teams behandling af blødning efter fødsel på fødestuerne i Horsens og Aarhus. Analysen af disse film omfatter såvel den tekniske gennemførelse af behandlingen som samarbejdet i teamet, dvs. teamets ikke-tekniske færdigheder (beslutningstagning, situationsfornemmelse, kommunikation, teamsamarbejde, lederskab, og håndtering af stress, og træthed). Disse resultater giver ny og yderst relevant viden om betydningen af teamsamarbejdet, og resultaterne vil blive integreret i fremtidig træning af jordmødre og fødselslæger i behandling af blødning efter fødsel.

Baggrunden for studiet er, at blødning i forbindelse med fødsel er en alvorlig komplikation og den hyppigste akutte situation på fødegange verden over. I Danmark blev 2500 danske patienter behandlet for alvorlig blødning efter fødsel i perioden 2016-2017. Optimal behandling af disse kvinder forudsætter, at der er et obstetrisk team til stede, som er dygtige til at samarbejde, at blødningen opdages tidligt, og at den rette behandling sættes hurtigt i værk.

I dag uddanner og træner vi regelmæssigt vores læger og jordemødre i at give den bedst mulige behandling. Men træningen er begrænset af vores manglede viden om, hvordan vores teams skal arbejde sammen og specielt hvilke af de ikke-tekniske færdigheder, der er afgørende for at opnå høj klinisk performans og dermed den bedst mulige behandling.

Resultaterne er fremkommet via et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Lise Brogaard, der forsvarede det den 7. september 2018.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 7. september 2018 kl 14.00 på Horsens Kunstmuseum, Carolinelundsvej 2, 8700 Horsens. Titlen på projektet er: Video filming as a tool for better delivery ward performance. Yderligere oplysninger: Ph.d.-studerende Lise Brogaard, email: lbrj@clin.aud.k. tlf. 61308100

Bedømmelsesudvalg:

Professor, ph.d. Bo Løfgren, MD. Dept. Clinical Medicine, Research Centre for Emergency Medicine, Aarhus University. Danmark (Formand for bedømmelsesudvalget)

Professor, ph.d. Rhona Flin. Aberdeen Business School. Robert Gordon University.
Aberdeen. UK

Professor, ph.d Tim Draycott. MD. Dept. of Women's Health, Southmead Hospital, Bristol,
UK

Press release (English)

During her PhD project, Lise Brogaard has filmed obstetric teams and their management of postpartum haemorrhage at delivery wards in Horsens and Aarhus. The videos have been analysed with a focus on the teams' technical performance as well as their non-technical performance, i.e. how they collaborated, viz. their decision-making, situation awareness, communication, teamwork, leadership, and how team members coped with stress and fatigue. The results of this analysis provide important new insights into the value of non-technical performance, which will be incorporated into future training of midwives and obstetricians.

The background for the study is that major postpartum haemorrhage is the leading cause of maternal death and the most frequent emergency in delivery wards throughout the world. From 2016 to 2017, a total of 2500 Danish patients received treatment for major postpartum haemorrhage. The optimal management of postpartum haemorrhage requires a well-orchestrated team to rapidly diagnose and treat the bleeding. To ensure delivery of optimal care in postpartum haemorrhage, we educate and train our teams. The present project responds to the need for knowledge of how teams become efficient and effective in real life in general, and how the non-technical skills contribute to clinical performance in particular.

The results are obtained through a new PhD project from Aarhus University, Health. The project has been completed by Lise Brogaard, who will defend it on 7 September 2018.

The defence is public and takes place on 7 September 2018 at Horsens Art Museum, Carlinelundsvej 2, 8700 Horsens, DK. The title of the project is: Video filming as a tool for better delivery ward performance. For further information, please contact PhD student Lise Brogaard, email: lbrj@clin.aud.dk. tlf. 61308100

Assessments committee

Professor, PhD Bo Løfgren. MD. Dept. Clinical Medicine, Research Centre for Emergency Medicine, Aarhus University. Danmark (chair)

Professor, PhD Rhona Flin. Aberdeen Business School. Robert Gordon University. Aberdeen. UK

Professor, PhD Tim Draycott. MD. Dept. of Women's Health, Southmead Hospital, Bristol, UK

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