

Press release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Søren Dinesen Østergaard

Title of dissertation: Clinical validation of ratings on the six-item Positive And Negative Syndrome Scale (PANSS-6) obtained using the Simplified Negative And Positive Symptoms Interview (SNAPSI)

Date for defence: November 2nd 2020 at (time of day): 1.00 PM CET Place: Auditorium J116-113, Aarhus University Hospital, Skejby, Denmark

Press release (Danish)

Kvantificering af kernesymptomerne ved skizofreni

I behandlingen af mennesker med psykisk sygdom, måles effekten af behandling ved hjælp af såkaldte ratingskalaer. Det primære behandlingsmål har traditionelt være symptomsværhedsgraden, men over de seneste årtier har andre behandlingsmål såsom bivirkninger, trivsel og funktionsniveau fået tiltagende opmærksomhed. Desværre har kvantificeringen af behandlingseffekt endnu ikke vundet stort indpas i klinisk praksis. Årsagen til denne manglende implementering i klinisk praksis tilskrives blandt andet mangel på psykometrisk valide og korte ratingskalaer samt manglende træning af personalet i brugen af ratingskalaer. I studierne, som er inkluderet i denne ph.d. afhandling, undersøgte vi reliabiliteten og validiteten af en kort kliniker-ratet ratingskala til vurdering af sværhedsgraden af skizofrenisymptomer (6-item versionen af the Positive And Negative Syndrome Scale (PANSS-6)). Derefter evaluerede vi forholdet mellem PANSS-6 ratings samt patient-ratede mål for bivirkninger, trivsel og funktionsniveau. Derudover undersøgte vi validiteten af patient-ratede kernesymptomer ved skizofreni med brug af PANSS-6 som reference. Afslutningsvis evaluerede vi reliabiliteten og validiteten af PANSS-6 ratings udført af klinisk personale før, under og efter deltagelse i et formaliseret, video-baseret PANSS-6 træningsprogram. Projekterne blev udført af læge Pernille Kølbæk fra Aarhus Universitet, som vil forsvare sin ph.d. afhandling d. 2. november 2020 kl. 13.00.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 2/11 kl. 13 i Auditorie J116-113, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard, Skejby. Der er begrænset antal siddepladser i auditoriet givet de gældende covid-19-restriktioner, og fysisk deltagelse forudsætter derfor forudgående (samt bekræftet) tilmelding ved henvendelse til sekretær Berit Rungø (berirung@rm.dk). Alternativt kan forsvaret tilgås virtuelt via Zoom: virtuelt via Zoom: <https://aarhusuniversity.zoom.us/j/66094306356>.

Titlen på projektet er "Clinical validation of ratings on the six-item Positive And Negative Syndrome Scale (PANSS-6) obtained using the Simplified Negative And Positive Symptoms Interview (SNAPSI)". Yderligere oplysninger: Ph.d.-studerende Pernille Kølbæk, e-mail: perpet@rm.dk, tlf. 42837939.

Bedømmelsesudvalg:

Professor Charlotte Ulrikka Rask, MD, PhD

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Aarhus University Hospital – Psychiatry, Aarhus, Denmark

Professor Erik Johnsen, MD, PhD

Department of Clinical Medicine
University of Bergen, Bergen, Norway

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Press release (English)
Quantifying the core symptoms of schizophrenia

In the care of people with mental disorders, the effect of treatment can be quantified using rating scales. The primary treatment outcome has traditionally been symptom severity, but over the past decades other outcomes such as side effects, well-being and functioning have gained increasing interest. Unfortunately, the quantification of treatment outcomes has not yet gained widespread use in clinical practice. Possible reasons for this delay include lack of psychometrically valid and brief clinician-rated and self-rated scales, time constraints, and lack of formal training among the staff. In the studies included in this PhD dissertation, we evaluated the reliability and validity of a brief clinician-rated schizophrenia symptom rating scale (the six-item version of the Positive And Negative Syndrome Scale (PANSS-6)). Secondly, we assessed the relationship between PANSS-6 ratings and self-reported measures of side effects, well-being and functioning. Thirdly, we evaluated the validity of a self-reported rating scale of core schizophrenia symptoms using the PANSS-6 as reference. Fourth and finally, we assessed the reliability and validity of PANSS ratings performed by clinical staff members before, during and after participation in a video-based PANSS-6 training program. The projects were carried out by medical doctor Pernille Kølbaek from Aarhus University, who is defending her dissertation on November 2nd 2020 at 1.00 PM CET.

The defence will be held in
Auditorium J116-113, entrance J,
Aarhus University Hospital,
Palle Juul-Jensens Boulevard 175, entrance J,
8200 Aarhus N
and online via Zoom:
<https://aarhusuniversity.zoom.us/j/66094306356>

The defence is open to the public, but due to the current covid-19 restrictions only a limited number of persons are allowed in the auditorium. Therefore, physical attendance of the PhD defence requires (accepted) registration beforehand. Please contact secretary Berit Rungø (berirung@rm.dk) regarding potential physical attendance at the defence.

The title of the project is "Clinical validation of ratings on the six-item Positive And Negative Syndrome Scale (PANSS-6) obtained using the Simplified Negative And Positive Symptoms Interview (SNAPSI)". For more information, please contact PhD student Pernille Kølbaek, email: perpet@rm.dk, Phone +45 42837939.

Assessment committee:

Professor Charlotte Ulrikka Rask, MD, PhD (chairman and moderator of the defence)
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