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Social environments and mental health

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CURRICULUM VITAE

Chris Neeltje Wil Geraets was born on April 11, 1989, in Venray, the Netherlands. She studied Psychology and Biomedical Sciences at the University of Groningen from 2007 to 2012. She obtained her Master degree in Clinical Neuropsychology at the University of Groningen in 2014, her thesis focused on magnetic brain stimulation. In September 2014, she started working as a Ph.D. student at the virtual reality mental health lab of Prof dr. Wim Veling at the University Medical Center Groningen, resulting in the research presented in this dissertation. Next to her Ph.D. research, she has been involved in several projects on VR interventions and antipsychotic medication discontinuation. Chris will continue working on virtual reality assessments and psychiatry as a postdoctoral researcher in Sweden.

List of publications

Geraets CNW, Snippe E, van Beilen M, Pot-Kolder R, Wichers M, van der Gaag M, Veling W. Virtual reality based cognitive behavioral therapy for paranoia: effects on mental states and the dynamics among them. *Schizophrenia Research*. 2020.

Klein Tuente S, Bogaerts S, Bulten E, Keulen-de Vos M, de Vos M, Bokern H, van IJzendoorn S, **Geraets CNW**, Veling W. Virtual Reality aggression prevention therapy (VRAPT) versus waiting list control for forensic psychiatric inpatients: a multicenter randomized controlled trial. *Journal of Clinical Medicine*. 2020.

Pot-Kolder R, Veling W, **Geraets CNW**, Lokkerbol J, Smit F, Jongeneel A, Ising H, van der Gaag M. Cost-effectiveness of virtual reality cognitive behavioral therapy for psychosis. *Journal of Medical Internet research*. 2020.

Nijman SA, Veling W, Greaves-Lord K, Vos M, Zandee CER, aan het ROT M, **Geraets CNW**, Pijnenborg GHM. Dynamic Interactive Social Cognition Training in Virtual Reality (DiSCoVR) for People With a Psychotic Disorder: Single-Group Feasibility and Acceptability Study. *JMIR Mental Health*. 2020.

Geraets CNW, Veling W, Witlox M, Staring ABP, Matthijssen SJMA, Cath D. Virtual reality based cognitive behavioral therapy for patients with generalized social anxiety disorder: a pilot study. *Behavioural and Cognitive Psychotherapy*. 2019.

Geraets CNW, van Beilen M, van Dijk M, Kleijer H, Köhne C, van der Hoeven JH, Groen GJ, Curcic-Blake B, Schoevers RA, Maurits NM[#], Kortekaas R.[#] Lack of Analgesic Effects of Transcranial Pulsed Electromagnetic Field Stimulation in Neuropathic Pain Patients: A Randomized Double-Blind Crossover Trial. *Neuroscience Letters*. 2019.

Begemann MJH, Thompson IA, Veling W, Gangadin SS, **Geraets CNW**, van 't Hag E, Müller-Kuperus SJ, Oomen PP, Voppel AE, van der Gaag M, Kikkert MJ, Van Os J, Smit HFE, HAMLETT group, de Haan L, Sommer IEC. Antipsychotic medication maintenance versus dose-reduction/discontinuation in first episode psychosis. HAMLETT (Handling Antipsychotic Medication Long-term Evaluation of Targeted Treatment): a pragmatic multicenter single-blind randomized controlled trial. *Trials*. 2019.

Nijman SA, Veling W, Greaves-Lord K, Vermeer R, Vos M, Zandee CER, Zandstra D, **Geraets CNW**, Pijnenborg GHM. Dynamic Interactive Social Cognition Training in Virtual Reality (DiSCoVR) for social cognition and social functioning in people with a psychotic disorder: Study protocol for a multicenter randomized controlled trial. *BMJ Psychiatry*. 2019.

Pot-Kolder R[#], **Geraets CNW**[#], Veling W, Staring, ABP, Gijsman HJ, Delespaul PA, van der Gaag M. Virtual-reality-based cognitive behavioural therapy versus waiting list control for paranoid ideation and social avoidance in patients with psychotic disorders: a single-blind randomised controlled trial. *The Lancet Psychiatry*. 2018.

Geraets CNW, van Beilen M, Pot-Kolder R, Counotte J, van der Gaag M, Veling W. Social environments and interpersonal distance regulation in psychosis: A virtual reality study. *Schizophrenia Research*. 2017.

Pot-Kolder R, Veling W, **Geraets CNW**, van der Gaag M. Effect of virtual reality exposure therapy on social participation in people with a psychotic disorder (VRETp): study protocol for a randomized controlled trial. *Trials*. 2016.

Note: Authors with # contributed equally.

Submitted publications

Geraets CNW, Klein Tuente S, Lestestuiver BP, van Beilen M, Nijman SA, Marsman JBC, Veling W. Virtual reality facial emotion recognition in social environments: an eye-tracking study.

Conference presentations

2020 Cyberpsychology, Milan, Italy, digital poster presentation: Facial emotion recognition in social environments: a virtual reality eye-tracking study.

2020 SIRS, Florence, Italy, digital poster presentation: The effect of virtual reality cognitive behavioral therapy on paranoia and mood states.

2019 ISPS, Rotterdam, the Netherlands, oral presentation: The effect of virtual reality cognitive behavioral therapy on paranoia and mood states.

2019 ISPS, Rotterdam, the Netherlands, oral presentation: The early psychological effects of (dis)continuation, as reflected in ecological momentary assessments (EMA) in terms of mood, motivation, energy, paranoia and anxiety in individual patients.

2018 SIRS, Florence, Italy, poster presentation: Working mechanisms of Virtual Reality based CBT for paranoia: a randomized controlled trial examining cognitive biases, schematic beliefs and safety behavior.

2018 Netwerk Vroege Psychose, Utrecht, The Netherlands, oral presentation: Virtual Reality bij psychose.

2017 WPA world congress, Berlin, Germany, oral presentation: Using virtual reality to reduce cognitive biases in psychosis.

2017 ENMESH Groningen, the Netherlands, oral presentation: Effect of virtual reality enhanced cognitive behavioral therapy on cognitive biases and paranoia: a randomized clinical trial.

2016 IEPA 11, Milan, Italy, oral presentation: Social environmental stress affects interpersonal spacing in psychosis: a virtual reality study.

2016 Netwerk Vroege Psychose, Utrecht, the Netherlands, oral presentation: Virtual Reality bij psychose – interacties tussen individu en sociale context.

2016 Phrenos, Zwolle, the Netherlands, poster presentation: Het effect van de omgeving op interpersoonlijke afstand bij psychose: een Virtual Reality onderzoek.