

of illness. Play and art therapy interventions led by a team of mental healthcare professionals who participate directly with the patients, may be an innovative, more effective and enjoyable strategy.

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#### EW0794

### Population attributable fraction (PAF) in repeated measures design: Childhood traumas as predictors of psychotherapy outcomes

T. Härkänen\*, O. Lindfors, E. Heinonen, P. Knekt  
National Institute for Health and Welfare THL, Department of Health, Helsinki, Finland

\* Corresponding author.

*Introduction* Population attributable fraction (PAF) represents the proportion of treatment failure, which could be avoided, if the individuals at high risk were similar to the individuals at low risk. The PAF, however, has not been available for repeated measures designs.

A relatively prevalent and strong risk factor for many adulthood disorders, such as depression and anxiety, are adversities and traumas experienced in childhood. Little is, however, known of their implications for common treatments such as psychotherapy.

*Objectives* To develop PAF for repeated measures, and to provide a useful tool in various research fields to provide decision-makers results, which are easier to interpret.

This study will examine the relative importance of different childhood traumas as predictors of psychotherapy outcome in a patient population with depressive and anxiety disorders.

*Methods* PAF was calculated using generalized linear mixed models and Bayesian predictive distributions.

The data is based on 326 outpatients, randomized in one long-term and two short-term psychotherapies by the Helsinki Psychotherapy Study. Patients were assessed up to 10 times during a 5-year follow-up. A combination of psychiatric symptoms measured, is used as the outcome measure.

*Results* The repeated measures PAF will provide a useful aggregate measure over the follow-up time and over the patient population.

*Conclusions* The repeated measures PAF will provide insight on the relative importance of the different domains of childhood traumas on therapy outcome. Associations of individual-level risk factors do not provide guidelines for policy decisions, which should acknowledge also prevalences of the risk factors in the patient population.

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#### EW0795

### Characterizing the inpatient care of young adults experiencing early psychosis

R. Kamieniecki<sup>1,\*</sup>, B. Vaughn<sup>1</sup>, J. Danielson<sup>1</sup>, K. Bonnie<sup>1</sup>, M. Carter<sup>1</sup>, T. Mihic<sup>1</sup>, S. Williams<sup>2</sup>, J. Puyat<sup>3</sup>

<sup>1</sup> St. Paul's Hospital, Mental Health, Vancouver, Canada

<sup>2</sup> Simon Fraser University, Public Health, Burnaby, Canada

<sup>3</sup> University of British Columbia, Centre for Health Evaluation and Outcome Sciences, Vancouver, Canada

\* Corresponding author.

*Introduction/objectives* The available literature suggests that treatments and health services for psychosis are considered to be poorly organized and highly variable. Little is known, however,

about how inpatient care is provided to individuals experiencing early psychosis. To facilitate quality improvement activities, we characterized the care this patient group receives in an inner city hospital.

*Methods* We performed chart reviews of individuals admitted to psychiatric inpatient units at St. Paul's Hospital, Vancouver, British Columbia between 01/04/2014 and 31/03/2016. Those who were 17–25 years of age and hospitalized for psychotic symptoms at the time of admission were included. Demographic and health service use were summarized using descriptive characteristics.

*Results* We identified 73 inpatients (mean age = 22; males = 78%; Caucasian = 41%) that met study inclusion criteria, having a combined total of 102 care episodes and an average length of stay of 30.7 days (median = 18; min = 3; max = 268). Half of the care episodes were repeat admissions, with up to 30% of the patients readmitted within 28 days of discharge. Physical and mental status examinations (MSE) were performed in virtually all care episodes, although frequency is low (31.4% had daily physical examinations and 18.6% had MSE every nursing shift). In 49% and 50% of care episodes, patients were given oral antipsychotics and discharged on depot medications. Even when indicated, not all care episodes had follow-up appointments (60%) or referrals to income assistance (35%), community mental health teams (61%), and housing support (38%).

*Conclusions* Specific programs are needed to address current gaps in inpatient care for patients with early psychosis.

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#### EW0796

### Effectiveness study of “occupational connections” – A short-term, in-patient intervention for promotion functioning and participation in daily life of people with mental health conditions

L. Lipskaya-Velikovsky<sup>1,\*</sup>, T. Krupa<sup>2</sup>, M. Kotler<sup>3</sup>

<sup>1</sup> Tel-Aviv University, Department of Occupational Therapy, School of Health Professions, Sackler Faculty of Medicine, Tel-Aviv, Israel

<sup>2</sup> Queen's University, School of Rehabilitation Therapy, Kingston, Canada

<sup>3</sup> Tel-Aviv University, Sackler Faculty of Medicine, Tel-Aviv, Israel

\* Corresponding author.

*Objectives* Mental health conditions (MHC) have been associated with restrictions in daily life participation and functioning affecting health and well-being. Substantial numbers of people with MHC experience hospitalizations, however, there is limited evidence supporting functional interventions in the in-patient setting to promote recovery. The OC is an intervention implemented during sub-acute hospitalization, which attempts to promote activity and participation of people with MHC, both during the in-patient stay and upon return to the community, with a view to enabling recovery. To facilitate its implementation, we investigate the OC effectiveness.

*Aims* Investigate the OC contribution to cognition, symptoms and functional capacity among inpatients with schizophrenia.

*Methods* This is a quasi-experimental, prospective, pre/post-designed study with convenience sampling. Inpatients with schizophrenia were enrolled into the study group participating in the OC intervention ( $n = 16$ ); or the control group participating in hospital treatment as usual ( $n = 17$ ). The study participants completed evaluations at baseline and at discharge or after 10 weeks with: Neurocognitive State Examination, Trail Making Test, Ray Complex Figure, and Category Fluency Test for aspects of cognition; Positive and Negative Syndrome Scale for symptoms severity, and Observed Tasks of Daily Living-Revised for functional capacity.