

research should provide additional insight into the effectiveness and inherent challenges of this type of intervention.

**Disclosure of Interest:** None Declared

## EPP0725

### Beliefs and attitudes about medications in patients with psychosis

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**Introduction:** Patients' beliefs and attitudes about medications play a role in whether they adhere to their medications or not. Knowledge on how beliefs and attitudes about medications can be influenced is therefore important.

**Objectives:** The current study aimed to assess whether patients' perceived support from their therapists regarding use of medications was associated with their beliefs and attitudes about medications. Because non-adherence in patients with psychosis frequently results in relapses and emergencies, this knowledge may be very useful for therapists and patients.

**Methods:** This cross-sectional study included 310 patients diagnosed with psychosis from 31 clinical units in Norwegian mental health specialist care. We assessed beliefs about medications using the Beliefs about Medicines Questionnaire (BMQ). BMQ-specific consists of two subscales, BMQ-necessity and BMQ-concerns. Higher score on the necessity subscale indicates stronger beliefs in the necessity of taking the medicine. Higher score on the concern subscale indicates stronger concerns about taking the medicine. We used a newly developed self-report questionnaire, MedSupport, to assess the patients' perceived support from therapists in dealing with their medications. Higher score on the MedSupport means that the patient experienced more support with decisions related to medications. Linear mixed effect models were used to investigate possible associations of sociodemographic factors, clinical factors and patients' perceptions of medication support with BMQ.

**Results:** Patients' perceptions of medication support from therapists were positively associated with positive beliefs towards medications,  $\beta = 0.20$ , 95% CI [0.04 to 0.35],  $p=0.012$ , and negatively associated with concerns about taking the medications,  $\beta = -0.31$ , 95% CI [-0.44 to -0.17],  $p < 0.001$ , when other relevant variables were taken into consideration.

**Conclusions:** The present study shows that therapists may affect patients' beliefs and concerns about medications. Consequently, medication support may lead to improved adherence to medications prescribed.

**Disclosure of Interest:** None Declared

## EPP0727

### Epidemiological analysis of hospitalizations for Schizophrenia, Schizotypal Disorders and Delirium in Rio Grande do Sul over the last 5 years

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**Introduction:** In recent years, mental health has gained prominence in public health, prompting thorough investigations into psychiatric condition trends. This study conducts a comprehensive epidemiological analysis of hospitalizations for Schizophrenia, Schizotypal, and Delirium Disorders in Rio Grande do Sul (RS) over the past five years. By revealing these patterns, it enhances our understanding of regional mental health dynamics and offers insights for intervention strategies, resource planning, and improved mental healthcare. The ultimate goal is to advance more effective and accessible mental healthcare in RS and beyond.

**Objectives:** This study aims to analyze the prevalence and epidemiological profile of hospitalizations due to psychiatric disorders to assist in the diagnosis and outcome of affected patients.

**Methods:** A cross-sectional, descriptive, retrospective, and quantitative study was conducted regarding hospitalizations for Schizophrenia, Schizotypal Disorders, and Delirium in the state of RS between January 2018 and November 2022. Data were collected from the Department of Informatics of the Brazilian Unified Health System (DATASUS) in the "Hospital Information System of SUS" section, focusing on the nature of care, age group, gender, and ethnicity of the patients. The information was aggregated over the five-year period based on the four mentioned descriptors and subsequently analyzed to establish a profile of hospitalizations during that period.

**Results:** The analysis spans from 2018 to 2022, encompassing a total of 28,345 hospitalizations. In 2019, there was the highest number of cases (22.21%), followed by 2018 (21.08%). Urgent care admissions constituted 85.34% of the total. The age group most affected was 35 to 39 years (11.8%). Men were more affected than women (60.18%), and the majority of hospitalizations were among the Caucasian ethnicity (75.12%). The average length of stay was 23.7 days, and the mortality rate stood at 0.26%.

**Conclusions:** The increasing trend in hospitalizations, peaking in 2019, highlights the need for preventive measures. Urgent admissions (85.34%) underscore the demand for accessible mental health resources. Men in the 35 to 39 age group are disproportionately affected, suggesting specific risk factors. The predominance of Caucasian ethnicity emphasizes the need for culturally sensitive