

EPV0283

Self-perceived health of patients hospitalized due to non-psychiatric conditions: associations with psychiatric comorbidities and substance use

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Introduction: Self-perceived health (SPH) is an epidemiologically used variable, recognized as a subjective yet predictive indicator of mortality (Bopp *et al.* Plos One 2012; 7:e30795) SPH, among other subjective indicators, such as quality of life, contributes to understanding an individual's overall experience and well-being. While health information, including medical diagnoses given by physicians, forms a substantial part of an individual's subjective health (Falconer & Quesnel-Vallée, 2017; 190 227-236) the World Health Organization (WHO, 2014) defines health not only by the absence of somatic diseases but also encompasses components of social and mental well-being.

Objectives: This study aims to explore factors associated with a poorer level of self-perceived health in inpatients due to non-psychiatric conditions with a focus on mental health and substance use-related factors.

Methods: We recruited 800 patients during their hospital stay for various pathologies in cardiology, pneumology, internal medicine, and gastroenterology units. Self-reported sociodemographic variables and well-being-related variables, such as SPH, were collected during admission. The MINI Neuropsychiatric Interview was administered to screen for psychiatric conditions, the ASSIST scale assessed the risk related to the use of various substances. Data on the frequency and quantity of substance use, in the three months prior to admission, were also recorded by timeline follow-back. Information on the severity of somatic comorbidity was gathered using the Charlson Comorbidity Index. Non-parametric tests compared SPH in different groups, and variables showing significant differences were included in a multivariate linear regression analysis. This study obtained approval from the ethics committee.

Results: Significant and clinically relevant differences were found in the SPH of patients with anxiety disorders, depressive disorders, and bipolar disorders. These patients reported lower SPH than those without these comorbidities. Patients scoring medium or high risk on the ASSIST scale for tobacco, alcohol, and cannabis also demonstrated lower SPH compared to those with low-risk scores. In the multivariate analysis, accounting for confounding factors, including comorbidity severity, patients with depressive disorders maintained statistically significant lower levels of SPH ($\beta = -13.391$, $p < 0.001$), as did those with bipolar disorders ($\beta = -6.096$, $p = 0.019$).

Conclusions: Patients with anxiety, depressive, or bipolar disorders, as well as those with higher-risk use of tobacco, alcohol, and cannabis, exhibited lower SPH. After adjusting for other relevant factors, such as diagnosed somatic pathology, patients with affective disorders continued to score lower in SPH levels. Proper attention and management of psychiatric comorbidities and substance use are crucial in medical hospital settings.

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EPV0285

Psychosocial interventions for cardiac surgery patients: context of interdisciplinary interaction

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Introduction: Multi-staged and personalized in nature, psychosocial interventions for cardiac surgery patients explain the necessity of relying on the potential of interdisciplinary interaction

Objectives: To present the review of the model of interdisciplinary interaction of experts and institutions in the course of psychosocial interventions for cardiac surgery patients, which is currently used in the Chuvash Republic.

Methods: This model involves the experts and institutions of the regional healthcare system, the regional system of social care, the regional and federal system of education, non-governmental medical and health resort institutions, and private practitioners.

Results: In the center of this model is the Regional Cardiology Center, which interacts with the Psychotherapeutic Center and the Republican Mental Hospital's Helpline. It also involves the town hospitals and the central district hospitals, non-governmental clinics and private practitioners. The process of rehabilitation and follow-up care continues in the regional health resorts. The social service centers provide additional support. The institute of chief experts of the regional Health Care Ministry, which includes a psychiatrist, cardiologist, psychotherapist, and psychologist, oversees the overall activity. The clinic faculty professors and associate professors are involved in the development of the programs.

Conclusions: The practical results of using the regional model of interdisciplinary interaction enhance the potential of psychosocial interventions for cardiac surgery patients.

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EPV0289

The psychological profile of patients with hypertension and its role in patients' self-care

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Introduction: Hypertension is a major risk factor for premature death, cardiovascular disease, and stroke worldwide. However, due to the chronic nature of hypertension, patients are at an increased risk of developing mental and emotional disorders, which can affect their adherence to self-care.

Objectives: To conduct a systematic review to investigate the psychological profile, psychological characteristics, and personality traits of hypertensive patients and their role in self-care adherence.

Methods: A thorough and comprehensive literature search was conducted to identify relevant studies for this review. PubMed, Scopus, and APA PsycInfo databases were searched from their inception until March 7th, 2023. The protocol for this review will be registered in the International Prospective Register of Systematic Review (PROSPERO) in the future.

Results: After applying inclusion and exclusion criteria and removing duplicate results, 55 articles were selected, the majority of which were grouped into three main categories based on psychological profiles for accurate analysis and comparison.

Conclusions: This systematic review contributes to the investigation of the relationship between psychological profiles and self-care in hypertensive patients. Despite the prevailing controversy in the literature, a greater proportion of studies indicate that depression, anxiety, low quality of life, type D personality and neurotic personality have a negative impact on self-care in hypertension.

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EPV0290

Neuropsychiatric Manifestations of Tuberous Sclerosis in a young adult male in a Psychiatry Hospital in Botswana: a case report

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Introduction: Tuberous sclerosis complex (TSC) is a disorder that affects multiple systems and was first described in 1880. Its symptoms include seizures, intellectual disability, and adenoma sebaceum. TSC is caused by mutations in the TSC1 and TSC2 genes and is inherited in an autosomal dominant manner.

Objectives: This report highlights a case of a patient with an unusual psychological presentation evaluated in a psychiatric hospital.

Methods: The patient presented with psychotic features and abnormal behavior. A physical examination showed neurocutaneous lesions. After assessment a diagnosis of Tuberous sclerosis complex was confirmed through MRI Brain and genetic testing. Some of his relatives also showed similar neuropsychiatric symptoms.

Results: Tuberous sclerosis complex is diagnosed based on TSC Clinical Consensus Group guidelines of 2012. Our patient fulfilled 4 of the major criteria and genetic testing also yielded a pathogenic variant. A TAND checklist (TSC-Associated Neuropsychiatric Disorders) is used to guide clinicians on areas to prioritize when managing TSC patients.

Image:

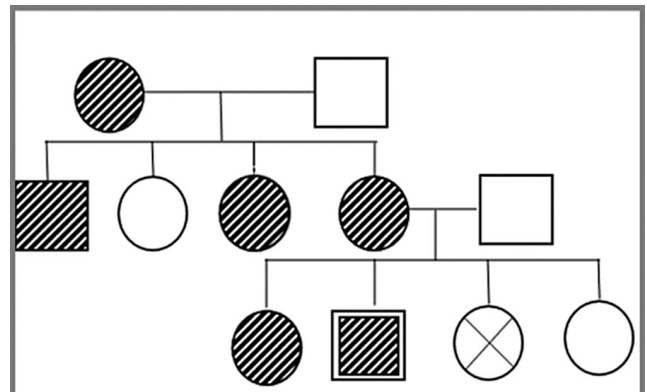


Image 2:



Image 3:

