

## EPV0527

## Moral Injury, Depression and Anxiety among Israeli Health and Social Care Workers During the COVID-19 Pandemic: The Moderating Role of Thwarted Belongingness

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**Introduction:** The COVID-19 pandemic can affect the mental health of health and social care workers (HSCWs) who are frontline workers in this continuous crisis. Following exposure to potentially morally injurious events (PMIEs) that undermine deeply held moral beliefs and expectations, HSCWs might experience moral injury (MI) and deleterious psychiatric consequences such as depression and anxiety symptoms.

**Objectives:** To examine associations between exposure to PMIEs, MI symptoms, depression, and anxiety symptoms. We also aim to assess the moderating role of thwarted belongingness in these associations.

**Methods:** A sample of 243 Israeli HSCWs completed online validated self-report questionnaires in a cross-sectional designed survey in February and March 2021.

**Results:** About one-third (33.6%) of the sample met the criteria for major depressive disorder, 21.5% met the criteria for generalized anxiety disorder, and 19.1 % reported comorbidity of depression and anxiety. A moderated-mediation model shows that high thwarted belongingness intensified the relations between exposure to PMIEs and MI symptoms, and between MI symptoms and depression and anxiety symptoms. Importantly, the indirect effect of exposure to PMIEs on both depression and anxiety symptoms via MI symptoms existed only among those with high levels of thwarted belongingness.

**Conclusions:** The study's findings highlight the mental burden of HSCWs during the COVID-19 pandemic and the contribution of MI to possible mental health consequences. Clinicians should be aware of the importance of high thwarted belongingness in depression and anxiety sequelae of exposure to PMIEs among HSCWs.

**Disclosure:** No significant relationships.

**Keywords:** Moral Injury; Anxiety; Covid-19; Depression

## EPV0526

## Mental Health in the Consorci Sanitari del Maresme workers during the COVID-19 pandemic: A descriptive cross sectional study.

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**Introduction:** The global health emergency caused by the COVID-19 pandemic has put healthcare professionals in an unprecedented challenge, considering them extremely at risk population.

**Objectives:** To estimate the prevalence of clinically significant mental disorders and to assess associated factors among Consorci Sanitari del Maresme workers during the COVID-19 pandemic.

**Methods:** We made a descriptive cross-sectional study. All workers were invited to participate in an online survey during May 2021. Individual characteristics and frequency of direct exposure to COVID during professional activity were assessed. We used three Spanish versions of psychometric scales: the Patient Health Questionnaire to evaluate depressive symptomatology, the Generalized Anxiety Disorder scale, which detects anxiety, and the 4-item version of the PTSD checklist for DSM-5 for PTSD screening purposes. Chi-square tests and logistic regression were used to analyze the data.

**Results:** A total of 355 workers participated. Overall, 31% met the criteria for Major Depressive Disorder (PHQ-9 > 9), 36% for Generalized Anxiety Disorder (GAD-7 > 9) and 22% for Post-traumatic Stress Disorder (PCL-5 > 7). It has been found that young adult, women, those with prior mental disorders or those with greater exposure to COVID-19 are risk factors for any current mental disorder.

**Conclusions:** There are large mental healthcare needs among healthcare professionals. There is a clear need to closely monitor the extent to which these needs are adequately met. In the design of measures and interventions to reduce this impact, an individualized approach should be considered while taking into account socio-demographic variables, psychiatric history and the frequency of direct exposure to COVID-19.

**Disclosure:** No significant relationships.

**Keywords:** mental health; Covid-19 pandemic; Mental Disorders; healthcare workers

## EPV0527

## COVID- 19 Following Acute Psychosis: Case series report

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**Introduction:** Coronavirus disease (COVID-19) could result in various medical consequences. Clinical manifestations are diverse and range from asymptomatic or mild, fever-like symptoms, to more severe and life-threatening complications. Although the clinical presentation was initially dominated by respiratory symptoms, psychiatric symptoms and sequelae have been reported in COVID-19 patients and convalescents.

**Objectives:** To describe four clinical case reports of patients admitted to the inpatient unit of Psychiatric Hospital Sarajevo (PHS) with acute onset of psychosis in the recovery stage of COVID-19.

**Methods:** In this case series we report cases of 4 patients, all female, mean age 53.25 years, hospitalized in PHS during the third wave of the COVID-19 pandemic. All developed psychotic symptoms in the recovery phase of COVID-19. None had a previous history of psychiatric disturbances of any kind. All patients were diagnosed with brief psychotic disorder (BPD), according to DSM 5 criteria for BPD.

**Results:** COVID-19 affects various organ systems, including the brain, with variable symptoms based on disease severity. Psychotic features have been observed as well. The pathophysiology and