

**Results:** While 68.8% of a total of 1279 MDD patients received exclusively psychopharmacotherapy, 31.2% underwent a psychopharmacotherapy-MDP combination. The latter patient population was rather younger, higher educated, employed, exhibited an earlier mean age of MDD onset, lower severity of current depressive symptoms with lower odds of suicidality and higher rates of melancholic features, and comorbid asthma and migraine, and was generally treated with lower daily doses of their first-line ADs. Whereas agomelatine was more commonly dispensed in these patients, selective serotonin reuptake inhibitors were more often prescribed in MDD patients lacking additional MDP. No significant between-group differences were detected in terms of treatment outcome.

**Conclusions:** The fact that the employment of additional MDP was not related to better treatment outcome in MDD represents our major and clinically most relevant finding. Generally, MDP was employed in a minority of our patients who experienced rather beneficial socio-demographic and clinical characteristics. This might reflect an inferior accessibility of these psychotherapeutic techniques for patients who are more severely ill and less socio-economically privileged.

**Disclosure:** References Bartova L, Fugger G, Dold M, Swoboda MMM, Zohar J, Mendlewicz J, Souery D, Montgomery S, Fabbri C, Serretti A, Kasper S. Combining psychopharmacotherapy and psychotherapy is not associated with better treatment outcome in major depressive disorder

**Keywords:** antidepressant treatment; Psychotherapy; Psychopharmacotherapy; major depressive disorder

## COVID-19 and Related Topics

### O0024

#### Psychiatric adverse events reported after COVID-19 vaccination in the European Union (EU), the United States (US) and the United Kingdom (UK)

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**Introduction:** Several psychiatric adverse events can occur after vaccination. Passive surveillance reporting systems can support the identification of rare adverse events and contribute to hypothesis generation for potential causal associations.

**Objectives:** To describe the psychiatric adverse reactions associated with various COVID-19 vaccines reported in the WHO database (VigiBase®)

**Methods:** We for individual case reports (ICSRs) for “Psychiatric disorders” linked to COVID-19 vaccines authorized in the EU, the US and the UK. Reporting rates were calculated using the number of administered doses as a denominator. Disproportional reporting was investigated through frequentist and Bayesian approaches by the calculation the information component (IC) for adverse psychiatric adverse not included in the vaccine label.

**Results:** 63322 ICSRs including 76,163 psychiatric adverse events were identified, 21878 (34.6%) were serious events. Mean age in the reports was 48.8 years old (SD: 17.8) and involved 44441 (70.2%)

female and 17975 (28.4%) women; sex was not specified in 906 (1.4%) reports. Rate of reported psychiatric adverse events per million administered doses were 52.0, 110.3, 164.8 and 170.8 for Tozinameran/Cominarty (Pfizer-BioNTech), Elasmomeran (Moderna), Vaxzevria (AstraZeneca) and Ad26.COVID-19-S (Janssen) vaccines respectively. UK recorded the highest rates. The most frequently reported events were insomnia (21.6%), confusional state (13.6%) and anxiety (13.5%). Disproportionality was found for: habit cough (IC:3.6), clinomania (IC: 2.2), exploding head syndrome (IC: 2.2) and autoscopia (IC: 2.1).

**Conclusions:** Rates of reported psychiatric adverse events are very low. Doctors and patients should be aware of these potential adverse reactions. Continuing monitoring of emerging potential safety signals is advised.

**Disclosure:** No significant relationships.

**Keywords:** Covid-19; vaccine; adverse events

### O0025

#### Belief in conspiracy theories and esoteric thinking during COVID-19 pandemic

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**Introduction:** Psychological distress during the SARS-CoV-2 pandemic can manifest itself in interpretations of what is happening.

**Objectives:** To analyze response to COVID-19 pandemic in people with high level of esoteric thinking.

**Methods:** Internet survey 23.03.20-29.01.21 (N=621); Constructive Thinking Inventory(CTI); SCL-90R. It was proposed to assess statements: “The authorities are hiding the true scale of the coronavirus pandemic”, “Coronavirus is the result of biological weapons development”, “Coronavirus is a punishment or a sign sent to people from above”, “The emergence of the coronavirus is the Earth’s response to its pollution”. It was offered to express an opinion about pandemic. The answers were coded on the basis of qualitative semantic analysis.

**Results:** The growth of “esoteric thinking” was revealed (Std.J-T, p = .025). With a high level of esoteric thinking, emotional statements (“fear, anxiety, panic”) are more common (27.8% versus 16.9% for group with high and low level of «esoteric thinking»). Correlations of the level of «esoteric thinking» with level of depression (Spearman’s correlation ,085\*), anxiety (.097\*), GSI (.130\*\*), «fears for the life» (23.4% versus 14.5%) show high emotional distress. With an increase in the level of «esoteric thinking», belief in various conspiracy theories increases; Spearman’s correlation ,370\*\* with the belief is biological weapons, punishment for sins (.355\*\*), belief in concealing information about the pandemic (.167\*\*).

**Conclusions:** A high level of esoteric thinking is associated with an increased emotional response to the pandemic and with belief in conspiracy theories, and can increase emotional instability by itself also making constructive decisions difficult in situations related to protecting personal health and safety.

**Disclosure:** No significant relationships.

**Keywords:** Depression; Covid-19; esoteric thinking; conspiracy theories