

in the context of COVID-19. Recently, Mertens et al. (2020) developed the Fear of Covid-19 Scale (FCV-19S) to measure this construct.

**Objectives:** To analyse the psychometric properties of the FCV-19S Portuguese version, namely construct validity, internal consistency and convergent validity.

**Methods:** A community sample of 234 adults (75.6% women; mean age = 29.53 ± 12.51; range: 16-71) completed an on-line survey with the Portuguese versions of the FCV-19S, the Covid-19 Perceived Risk Scale (CPRS) and the Depression Anxiety Stress Scale (DASS-21). The total sample was randomly divided in two sub-samples: sample A (n=117) was used to perform an exploratory factor analysis/EFA; sample B (n=117) to make a confirmatory factor analysis/CFA.

**Results:** EFA resulted in one component. CFA revealed that the unifactorial model presented acceptable fit indexes ( $X^2/df=3.291$ ; CFI=.977; GFI=.932; TLI=.919;  $p[RMSEA \leq .01]=.091$ ). Cronbach alpha was  $\alpha=.855$ . The total score significantly correlated with Covid-19 Perceived Risk ( $r=.529$ ,  $p<.01$ ) and with anxiety from DASS-21 ( $r=.132$ ,  $p<.05$ ).

**Conclusions:** This study provides preliminary evidence for the validity and reliability of the Portuguese version of FCV-19S, which will be used in an ongoing research project on the relationship between fear of Covid-19, personality, cognitive processes and adherence to public health measures to contain the pandemic.

**Keywords:** COVID-19; Fear of COVID-19

## EPP0289

### Coping mechanisms and resilience in psychiatric trainees during COVID-19 pandemic

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**Introduction:** The Covid-19 pandemic has a profound impact on all domains of day to day life, forcing individuals to make substantial change in the way of living. Such change is known to cause an important psychological distress, and in some persons evidencing silent disorders among apparently functional individuals. Good coping mechanisms and resilience can be the key to overpass this difficult period.

**Objectives:** The aim of this study is to evaluate the coping mechanisms and resilience that Romanian psychiatric trainees used during Covid19 pandemic.

**Methods:** We developed an online questionnaire. We included questions about different socio-demographical variables and about coping mechanisms (using COPE scale), resilience (using Connor-Davidson Resilience Scale) and quality of life (using QoL Scale).

**Results:** The preliminary data show that staying busy, seeking social support and having a positive mindset are emotion-focused coping strategies present in individuals who overpass easier this period.

**Conclusions:** The Covid-19 pandemic is creating significant distress and impairment in functioning, but individuals who have good psychological mechanisms and who are more adaptable are less vulnerable during Covid-19 pandemic. Future research should build upon these findings to better understand coping mechanisms during crises and also social policies should be developed to acknowledge the variable needs in adults.

**Keywords:** coping mechanisms; resilience; Covid19 pandemic; stress

## EPP0291

### The experience of northern italy in elderly patients with COVID-19 infection and mental disorders

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**Introduction:** In December 2019, the first cases of Corona Virus Disease 2019 (COVID-19) outbreak related to acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection were reported in the Chinese city of Wuhan. European countries experienced a tragic growth in the number of Covid-19 cases although several restrictions have been imposed.

**Objectives:** The study is aimed to describe the first experience of the Hospital Papa Giovanni XXIII in the city of Bergamo, Northern Italy.

**Methods:** The most relevant clinical characteristics of aged patients with COVID-19 and mental disorders have been described.

**Results:** According to the experience of the Hospital Papa Giovanni XXIII, medical departments, after appropriate training of all healthcare workers, have been rapidly converted into specific units aimed at treating patients with COVID-19 infection. Specifically, we directly observed a rapidly growing request of psychiatric interventions in aged patients with COVID-19 infection due to the emergence of severe delirium (mainly hyperkinetic) which was reported in approximately 30–50% of cases increasing with age, psychomotor agitation, anxiety, and depressive symptoms. When compared with younger subjects, we found that subjects aged 65 or above with prolonged hospitalization in our hospital are more vulnerable to: 1) environmental factors (e.g., social isolation and distance from family members, stay in intensive/subintensive units, communication difficulties due to therapeutic devices); 2) individual factors (e.g., COVID-19 possible neurotropic properties, impairments in insight and cognitive dysfunctions, comorbid medical conditions, and use of multiple medications).

**Conclusions:** The main implications of the present findings have been discussed.

**Keywords:** COVID-19 infection; mental health; delirium; Psychological Distress

## EPP0292

### Mental health impact of the COVID-19 pandemic on the front-line health care workers in a tertiary care hospital in rawalpindi, pakistan

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