

**ABSTRACT**

**Anxiety and Coping Mechanism of Nurses in Providing Care Patients with COVID-19**

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**Introduction:** Coronavirus disease (COVID-19) pandemic has a significant impact on health services and a major challenge for psychological nurses. The aimed of this review was to explore anxiety and coping mechanisms of nurses who provide care to patients COVID-19. **Methods:** Search strategies were developed for the Scopus, CINAHL, Lancet, Sage and ProQuest database. MeSH terms were combined with Boolean operators and used to search the databases. Review process the titles and abstracts of the identified articles, general and specific characteristics from eligible articles were extracted and the quality of included trials were appraised by using a risk of bias assessment tool. The study evaluation of each article used PRISMA checklist and quality of articles was determined based on the JBI guidelines. **Results and Analysis:** The 25 articles included studies provided data on 145 subjects. The results of this study are six studies (24%) showing the clinical manifestations of nurse anxiety, ten studies (40%) nurse coping mechanism, nine studies (36%) causes of anxiety in nurses. The results of the assessment of each study selected using The JBI Guidelines show that all studies score above 50% which means it can be used as a reference for systematic review. **Discussion:** This review suggests that the nurse coping mechanism is formed through the guarantee of protection as a health worker that must be fulfilled properly. Hospitals and professional organizations have an important role in supporting this implementation.

**Keywords:** anxiety, COVID-19, coping, depression, nurses, mental health

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