
Profile and emotional disorders of medical school students during the pandemic COVID-19

A Data Management Plan created using DMPonline

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Project abstract:

The medical course is one of the most difficult in terms of the candidate / vacancy ratio. Also, difficult for dealing with life X disease X death. Students need to be dedicated and show physical and emotional resistance. Studies frequently report more anxiety, drug addiction, depression and suicide, when compared to the general population. This is an evaluation of the student profile of medicine of a descriptive and exploratory nature, with a quantitative approach. We will propose precise actions such as prevention, diagnosis and treatment of any emotional changes. With the current pandemic situation facing COVID-19, suspension of the school calendar of the graduation, uncertainty about the continuity of the course, knowledge of the fragility and contamination of health professionals in the face of the pandemic are factors that can add to the stress of medical school. The instruments for data collection will be questionnaires using RedCap in Brazil. The specific goals are to know the profile and build quality/quantitative data regarding the various psychological aspects of students. Medical students will participate throughout the course, from the 1st to the 6th year. The objective of studying the profile and describing the experiences of students. From this data, we will have an idea of our student population, factors that affect health, and possible necessary actions of institution toward the students facing this pandemic period and after.

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Data Collection

We will use the questionnaires below at different classes (Medical School) :

- 1) 1 – year
- 2) 2 – year
- 3) 3 - Year
- 4) 4 – year
- 5) 5 - year
- 6) 6 - year.

Instruments:

- 1) Sociodemographic and Clinical Data Questionnaire;
- 2) PHQ-9: The 9-item Patient Health Questionnaire (PHQ-9) is an instrument for self-administered and rapid depression screening, which can be completed in 3 minutes, validated for the diagnosis of depression, in Brazilian Portuguese and which focuses exclusively on symptoms based on DSM;
- 3) GAD-7 : the 7-item scale for Generalized Anxiety Disorder (GAD-7) is validated for identification of anxiety symptoms and often used in clinical practice;
- 4) Sheehan Disability Scale (SDS): SDS is a short, self-applied scale, developed to assess functional impairment, from 0 to 10 points, in three interrelated domains: work / school, family and social life;
- 5) CAGE: questionnaire of screening for detecting individuals with alcohol use disorders;
- 6) IAATP-VR (Inventory of Self-Assessment of Early Trauma - Short Version): assessment of the presence of trauma in the childhood (up to 18 years), in four domains (general trauma, physical abuse, emotional abuse and sexual abuse), validated for Portuguese;
- 7) WHOQOL-Bref (The World Health Organization Quality of Life): the World Health Organization (WHO) Quality of Life Instrument, is an abbreviated version of the original instrument;
- 8) OLBI (The Oldenburg Burnout Inventory): Scale used to measure burnout is formed by two factors: exhaustion and dismissal from work, and can be applied in any occupational context;
- 9) IES-R (Event Impact Scale - Revised) has been referred to as the instrument for tracking the symptoms of the post-traumatic stress disorder that demonstrates better discriminant validity and diagnostic utility, and can be used at any stage of symptom development.

Students will be contacted annually, via institutional email, and invited to answer questionnaires online through the platform RedCap-EPM (Research Electronic Data Capture) a platform for collecting, managing and disseminating research data.

Documentation and Metadata

Each instrument / questionnaire has its characteristic regarding the evaluation

Ethics and Legal Compliance

The project was approved by number 4,177,648 (CAAE: 31873720.6.0000.5505) by the National Health Council - National Research Ethics Commission - CONEP -Brazilian IRB.

All authors already involved in this project will have the ownership.

Storage and Backup

RedCap

Myself

Selection and Preservation

Only results can be saved. Any data that can identify the participants will be destroyed after the survey.

institutional repository UNIFESP

Data Sharing

Via repository

Restrictions is due to confidentiality

Responsibilities and Resources

The author

Software - REDCAP

Specialist expertise - psychologists and psychiatrists to evaluate the questionnaires and follow-up of the participants as necessary.