

# Effect of lockdown on Students Studying in Various Colleges of Nursing

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## Abstract

The pandemic has driven many countries in the world to freeze its economic, social and physical developmental activities, thus has affected the world in every possible ways. India is also imprisoned under the tight lockdown. Government of India announced curfew on 22<sup>nd</sup> March, 2020 followed by 1<sup>st</sup> very uncompromising lockdown phase led the country to put up the shutter in all sector. Additionally, it has also hit the educational sector. Many countries have decided close down institutes, this will definitely have consequences on skill growth. Considering the effects, the current study aims to assess effects of lockdown on nursing students and to find out the association of demographic details with effects of lockdown.

**Methodology:** The study was conducted among the nursing college of Pune city and non-experimental descriptive research approach was done. The sample size for study was 60, selected by using non probability convenience sampling technique from various students studying in nursing college in Pune city who met the inclusion criteria. A structured modified questionnaire was developed based on the research problem, to get the information from the samples. It was divided in 2 sections; **Section I** consisted of items related to demographic variables of the study. **Section II:** Consisted of 15 questions to assess the effects of lockdown on various aspects i.e social, emotional, financial and academics in students studying in nursing colleges.

**Result:** The analysis shows that 55% students were somewhat affected and 45% students were very much affected by the lockdown effects. 11.67% students were found to be not at all affected emotionally, 21.67% students were somewhat affected and 66.67% were found to be very much affected emotionally during lockdown. 1.67% of students were not at all affected financially, whereas 66.67% students were somewhat affected and 31.67% students were very much affected by this crisis. Additionally, considering academics 26.67% students were somewhat affected and 73.33% students were very much academically affected due to this COVID-19 pandemic crisis. Since p-values corresponding only to year of programme is found to be less than 0.05, it shows association with lockdown effects.

**Conclusion:** The current study concludes that COVID-19 has immensely affected Emotional, Financial and academics aspects of nursing students.

**Keywords:** Effects, Lockdown, Students, Nursing College

## Introduction and Background

While the world was running swiftly in the name of progress and economic gain, the COVID-19 has led the world to stop because of its deadly outcome. With the COVID-19 pandemic, most of the countries have announced lockdown and advised people to stay indoors so as to prevent transmission of disease. This has resulted many instances, which were impossible

to witness in usual life. The Novel Coronavirus has set a pause button on the world. All over the world pharmaceutical companies and other are battling to find a way of this pandemic but looks like it will take a while to regain its normal life. This lockdown has affected the world economic, social, physical, psychological and moreover educational aspect. It has been more than a month that all the educational institutes are been closed

and we have no idea when it will be reopen. While we are missing out daily routine and outing there is serious issue raising each new day.<sup>1</sup> This is the crucial time for educational sector- board exams, school admissions and entrance tests of various universities are on hold during this period. With no immediate solution to outbreak of COVID-19 the educational institutions will not only have short-term effects but also affect the future economic and societal consequences.

The pandemic has certainly affected the higher education sector as well, which is critical determinant of countries future. Talking about Nursing colleges across the country, the students studying in nursing colleges are getting ready to be the future worriers in healthcare sector but seen to be academically weak with lot many challenges due to the lockdown. Certainly, many nursing institutes have found alternatives for continuing education programmes.<sup>2</sup> Overcoming the challenge in healthcare sector, institutes have started e-learning activity to bridge a gap created by the pandemic. Though the academics are not much affected by the online pedagogies the students studying in various nursing colleges in different year of programme are affected socially, financially and emotionally too. Taking in consideration all the social, financial and emotional aspects the current study was conducted to find out the effects of lockdown on students studying in various colleges of nursing.

#### **Objective:**

1. To assess the effects of lockdown on students.
2. To find association of selected demographic variables with lockdown effects

### **Methodology**

**Research Design:** The researchers have used A Non-Experimental Descriptive Survey. The study was conducted in the selected nursing colleges of Pune City.

**Sampling techniques:** Non Probability Purposive sampling technique was used and all students from various nursing colleges of Pune City were selected

**Subject Size:** 60 students; willing to participate and studying in the nursing colleges of Pune city were selected. These participants were clearly informed about

the study and its purpose.

**Tools of data collection:** In the present study the below scales were used to collect the data.

Structured Questionnaire to assess the effects of lockdown on students studying in various colleges of Pune city. It has two sections: **Section I:** Consisted of items related to demographic variables of the study. **Section II:** Consisted of 15 questions to assess the effects of lockdown on students studying in nursing colleges. It was divided in four parts Part A: Effects of Social aspects of lockdown on students. Part B: Effects of Emotional aspects of lockdown on students. Part C: Effects of Financial aspects of lockdown on students. Part D: Effects of Academics aspects of lockdown on students.

**Validity and Reliability of tools:** Tool was validated by the 5 experts and the reliability was done by Cronbach's Alpha coefficient test. Cronbach's alphas was  $r=0.76$  for assessing the effects of lockdown on nursing students.

### **Findings**

The analysis and interpretation of the data collected to assess the effect of lockdown on various students studying colleges of nursing was done keeping the objective of the study in consideration. 1. To assess the effects of lockdown on students. 2. To find association of selected demographic variables with lockdown effects. The result was divided in III sections

**Section I:** Description of demographic details. **Section II:** Description of effects of lockdown on students studying nursing colleges. **Section III:** Association of selected demographic variables with lockdown effects.

#### **Section I: Description of demographic details.**

Describes the demographic details of Nursing Students to assess the effects of lockdown. 21.7% of students belong to 18-20 age group, 40% belong to age group of 21-23 years, 28.3% were between the age group of 24-26 year and 10% were 27 years and above. Among all the participated students 36.7% were male and 63.3% were female. 15% of students were studying General Nursing Midwifery, 36.67% students were

studying B.Sc. Nursing, 40% were under P.B.B.Sc. Nursing and 8.33% were studying M.Sc. Nursing. Considering year of programme about 41.67% of students were in First Year, 38.33% were in second year, 13.33% were in third year and 6.67% in fourth year.

**Section II: Effects of lockdown on students**

**N= 60**

**Part: A**

Social Aspects	Not at all		Somewhat		Very Much	
	Frequency	Percentage	Frequency	Percentage	Frequency	Percentage
	0	0	33	55	27	45

**Table 2: Described the Social aspects related to effect of lockdown on students studying in various college of Nursing**

**Part: B**

**N=60**

Emotional Aspects	Not at all		Somewhat		Very Much	
	Frequency	Percentage	Frequency	Percentage	Frequency	Percentage
	7	11.67	13	21.67	40	66.67

**Table 3: Described the Emotional aspects related to effect of lockdown on students studying in various college of Nursing**

**Part: C**

**N=60**

Financial Aspects	Not at all		Somewhat		Very Much	
	Frequency	Percentage	Frequency	Percentage	Frequency	Percentage
	1	1.67	40	66.67	19	31.67

**Table 4: Described the Financial aspects related to effect of lockdown on students studying in various college of Nursing**

**Part: D**

**N=60**

Academics	Not at all		Somewhat		Very Much	
	Frequency	Percentage	Frequency	Percentage	Frequency	Percentage
	0	0.00	16	26.67	44	73.33

**Table 5: Described the Academic aspects related to effect of lockdown on students studying in various college of Nursing**

**Section III: Association of demographic details with lockdown effects**

N=60

Age	Not at all	Somewhat	Very Much	Chi Square Value	P value	Remark
18 - 20	4	4	7	1.67	0.947	Non-Significant
21 – 23	3	3	7			
24 – 26	4	5	6			
27 and above	3	7	7			
Gender	Not at all	Somewhat	Very Much	Chi Square Value	P value	Remark
Male	5	5	8	0.25	0.7	Non-Significant
Female	13	15	14			
Programme	Not at all	Somewhat	Very Much	Chi Square Value	P value	Remark
GNM Nursing	4	6	4	1.66	0.94	Non-Significant
B.Sc. Nursing	3	4	7			
P.B.B.Sc. Nursing	4	5	8			
M.Sc. Nursing	4	5	6			
Year of Programme	Not at all	Somewhat	Very Much	Chi Square Value	P value	Remark
First Year	3	4	6	1.79	0.032	Significant
Second Year	4	7	4			
Third Year	3	8	5			
Fourth Year	4	7	5			

**Table 6: Describes Association of demographic details i.e. Age, Gender, Programme and year of programme with lockdown effects.**

## Discussion

This study was aimed to assess effects of lockdown on students studying various colleges of nursing in Pune city. Hence the data was gathered from the participants and analysis was done to find out the result.

### Findings related to effects of lockdown on students studying nursing college

#### Part A: Social Aspects

Data describes the effects of lockdown on social aspects in students studying nursing college. The parameters measured to assess the effects were: Did the students spend quality time with their family members during this lockdown? Were students able to connect themselves to their loved ones, did they miss their daily travelling and weekend outings, were the basic necessities of food-grains, fruits, vegetables easily available to students. The analysis says that the social effects towards the above aspects was found to be somewhat affected to 55% students and very much affected to 45% nursing students.

#### Part B: Emotional Aspects

Data describes the effects of lockdown on emotional aspects in students studying nursing college. The parameters measured to assess the effects were: How much did the fear of getting infected and the associated physical suffering worry the students, How much does the fear of death worries the students, How much does the fear of spreading infection to near and dear ones worries the students. The analysis says that the emotional effects towards the above aspects was found to be not at all affected to 11.67% students, somewhat affected to 21.67% students and very much affected to 66.67% nursing students.

#### Part C: Financial Aspects

Data describes the effects of lockdown on financial aspects in students studying nursing college. The parameters measured to assess the effects were: Were you facing any financial burden during this lockdown? Was procuring daily supplies challenging to you? Other than basic necessities, were you able to procure other required materials from the market? Were you satisfied with whatever things were available to you? The analysis

says that the financial effects towards the above aspects was found to not at all to 1.67% students, somewhat affected to 66.67% students and very affected to 31.67% Nursing students.

#### Part D: Academic Aspects

Data describes the effects of lockdown on academics aspect in students studying nursing college. The parameters measured to assess the effects were: Were you studying during this lockdown? Did your academic classes continued during lockdown? Did you face any challenges during online classes/study? Will it be a good decision to cancel your exam and promote to next class? The analysis says that the academic effects towards the above aspects was found to be somewhat affected to 26.67% students and very affected to 73.33% students.

### Findings related to association of demographic details with effects of lockdown on students studying nursing college

Table 6 represents that since the p value corresponding to age, gender and programme are large (more than 0.05) it has no significant association. Whereas p-value corresponding to year of programme is less than 0.05 (0.032) shows significant association with lockdown effects this may be result of fresher students are less affected compared to the final year students, as they may be affected by their final year exam, passing out, placements, etc.

## Conclusion

The overall study results indicates that among the social, emotional, financial and academic aspects, the majority students were emotionally, financially and academically affected as a result of lack of connectivity to their loved ones, financial support and worry about the academics, exams and placements. Also the students may be worried about the fear of being jobless.

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**Ethical Clearance:** Ethical approval of the study taken from Symbiosis College of Nursing ethical committee. Informed consent was taken from the

students studying various colleges of nursing in Pune city. Information given to the responders regarding the data collection procedure. The collected data was used only for research purpose and kept confidential.

**Conflict of Interest:** Nil

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