Original Research Article

Satisfaction with life among MBBS students and resident doctors of a tertiary hospital in South Delhi

Abhay Singh1, Neetu Singh2, Shivam Dixit3, Samarjeet Kaur4, Vinoth Gnana Chellaiyan5*, Jerry Alfred5

1Department of Community Medicine, AIIMS, Raebareli, Uttar Pradesh, India
2ERA medical college and University, Lucknow, Uttar Pradesh, India
3Department of Community Medicine, MGM Medical College, Indore
4GSMV, Medical College, Kanpur, Uttar Pradesh
5Department of Community Medicine, Chettinad Hospital & Research Institute, Chettinad Academy of Research and Education, Chennai

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*Correspondence:
Dr. Vinoth Gnana Chellaiyan,
E-mail: drchellaiyan@gmail.com

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ABSTRACT

Background: When doctors are not satisfied with their lives, their dissatisfaction may reflect on their performance at their workplace. The objective was to determine subjective well-being and level of satisfaction among MBBS students and resident doctors.

Methods: A cross sectional study was carried out using stratified random sampling among 1st professional year MBBS students and resident doctors of a tertiary care teaching hospital, New Delhi. Satisfaction with life scale (SWLS) was used to evaluate the level of satisfaction with life in the study population. Data was analyzed with SPSS version 21.

Results: It was seen that 76% of 1st prof. MBBS Students and 68% of resident doctors were satisfied with their life. The major determining factors of satisfaction with life among 1st prof. MBBS students were ‘choosing MBBS course (72%) and hostel accommodation and food (69%)’. The major determining factors among the resident doctors were ‘choosing medical profession (67%), working in a reputed institute (82%) and satisfaction with income (78%)’.

Conclusions: Though a majority of Students and Doctors were found to be satisfied with their lives around one fourth of students (24%) and one third of doctors (32%) were found not to be. It is important to address the predictors of satisfaction to improve the overall quality of life of doctors and MBBS students.

Keywords: Satisfaction with life, Resident doctors, Medical students

INTRODUCTION

The objectives of the study were to determine subjective well-being and satisfaction among 1st professional year MBBS students and resident doctors and to compare the subjective well being and satisfaction among 1st professional MBBS students and resident doctors.

Satisfaction with life is not a measure of happiness towards life but of attitude towards life and subjective wellbeing.1 Life dissatisfaction has shown to have an effect on the risk of suicide, which also makes this a composite health indicator.2 The relevance of the study Satisfaction with Life lies in the role which it plays in several strata of life. It is very important for a person to be satisfied with his/her life as its absence may show itself in some negative form in the Person’s work performance and health and it can also affect a person’s ability to function at his fullest capacity and can thus reduce the work outcome.3
Mental disorders not only affect the adult population but is also persistent in the student population, with many realizing the need for medical attention but continue without any treatment with their regular social life which in majority of the students has the influence of drugs and alcohol.\(^4\)\(^5\) Medical university students in particular have many stressors associated with their lives during their undergraduate training and a significant number turn to alcohol and drug use for pleasure and relaxation or as an escape from the constant stress.\(^6\) Symptoms of depression and suicidal thoughts are on rise among members of medical profession who themselves have to treat people and help achieve the goal of positive health which is important for any community.\(^7\) Satisfaction with life in the medical population is thought to be influenced by a variety of factors which needs to be assessed.

**METHODS**

A cross sectional study was carried out from April 2019 to September 2019 among 1\(^{st}\) professional MBBS students and the Resident doctors in a tertiary care teaching hospital in New Delhi using stratified sampling technique. The sample size was taken as 200 (100 students and 100 resident doctors). The participants who were willing to A self-administered semi-structured questionnaire along with satisfaction with life scale (SWLS) was used to evaluate the level of satisfaction with life in the study population after obtaining their consent. Data was compiled on a MS-Excel sheet and was analysed with SPSS version 21.0. Various statistical analysis tests were also employed to find association between variables and results.

**RESULTS**

The mean (SD) age of the students was 18(±2) and of the resident doctors was 28(±3). Majority of the students were from Delhi and majority of the resident doctors were from other stations (Table 1). Among MBBS students the overall satisfaction was 76% and among the resident doctors, 68% were satisfied with life (Table 2).

**Multiple options**

The factors determining the satisfaction was varied among students and resident doctors. For students, the factors were choosing the professional course, academic environment and clinical learning. For the resident doctors, the common factors were working in reputed institute, relationship with family and friends and accommodation as well as food (Table 3).

**DISCUSSION**

The present study was done to find the life satisfaction among medical students and resident doctors working in a tertiary care hospital. The present study revealed a majority of the first year MBBS students (76%) and resident doctors (68%) are satisfied with life based on the SWLS (satisfaction with life scale).

### Table 1: Baseline characteristics of the study population (n=200).

| Variable                  | Distribution | MBBS Students (n=100) | Resident doctors (n=100) |
|---------------------------|--------------|-----------------------|-------------------------|
| Age (years)               |              |                       |                         |
| <20                       | 71 (71)      | 0 (0)                 |                         |
| 20-25                     | 28 (28)      | 8 (8)                 |                         |
| 25-30                     | 1 (1)        | 76 (76)               |                         |
| >30                       | 0 (0)        | 16 (16)               |                         |
| Total                     | 100          | 100                   |                         |
| Gender                    |              |                       |                         |
| Male                      | 63 (63)      | 69 (69)               |                         |
| Female                    | 37 (37)      | 31 (31)               |                         |
| Total                     | 100          | 100                   |                         |
| Residence                 |              |                       |                         |
| Delhi                     | 55 (55)      | 43 (43)               |                         |
| Outside Delhi             | 45 (45)      | 57 (57)               |                         |
| Total                     | 100          | 100                   |                         |
| Present residence         |              |                       |                         |
| Hostel                    | 43 (43)      | 15 (15)               |                         |
| Rented House              | 2 (2)        | 59 (59)               |                         |
| Parent’s House            | 52 (52)      | 17 (17)               |                         |
| Own House                 | 3 (3)        | 9 (9)                 |                         |
| Total                     | 100          | 100                   |                         |
| Relationship status       |              |                       |                         |
| Single                    | 96 (96)      | 52 (52)               |                         |
| Married                   | 0 (0)        | 33 (33)               |                         |
| In a Relationship^         | 4 (4)        | 15 (15)               |                         |
| Separated                 | 0 (0)        | 0 (0)                 |                         |
| Total                     | 100          | 100                   |                         |

A slightly more percentage of 1\(^{st}\) Prof. MBBS Students were satisfied with their lives than resident doctors. Similar studies revealed results that a majority of the doctors where satisfied with their lives.\(^8\)\(^9\)

Though a majority of them are satisfied with their life, the number of those who aren’t is still a disturbing percentage. To find that almost one third of the doctors to be not satisfied with their lives would reflect on their job. As job satisfaction is a potent motivator.\(^10\) And about one fourth of the students being dissatisfied would mean that they also would not be able to perform well in their studies and also have a chance to end up with mental health problems including addictions.\(^11\)

Some of the important factors for dissatisfaction being work/study burden for the participants (43%), Relationship with colleagues and friends being the second (35.7%). This can be addressed by increasing the work force to reduce the work load among doctors or can even increase the pay for them. Another study suggests similar options for problems faced by doctors.\(^11\) Necessary motivation and group sessions can be conducted to reduce the students’ burden.
choosing MBBS, Politi P,

More research is needed to understand the study is that it is conducted in a

Concluding, we can say that majority of the medicos are satisfied with their life and that many factors are responsible for this. One factor alone cannot be fully responsible for the satisfaction or dissatisfaction towards life, it is multi-factorial as other studies have pointed out as well, regarding the satisfaction levels. More research can be done to find out more about possible association between the levels of satisfaction and these determining factors using this study as a precursor.

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**Table 2: Satisfaction with life among the participants (n=200).**

| Variables                              | N (%) |
|----------------------------------------|-------|
| **MBBS students**                      |       |
| Satisfied with life                    | 76 (36) |
| Dissatisfied                           | 24 (12) |
| **Resident doctors**                   |       |
| Satisfied with life                    | 68 (34) |
| Dissatisfied                           | 32 (16) |
| **Factors for dissatisfaction* (n=56)**|       |
| Work burden/ study burden              | 24 (43) |
| Working/learning environment            | 10 (18) |
| Facilities of the campus               | 4 (7)  |
| Relationship with colleagues/friends   | 20 (35.7) |
| Relationship with family and friends   | 16 (28.5) |

*Multiple options

**Table 3: Determining factors of life satisfaction among the study population.**

| Variables                                           | N (%) |
|-----------------------------------------------------|-------|
| **Satisfaction factors for MBBS students (n=100)**   |       |
| Choosing the MBBS course                            | 72 (72) |
| Studying in a reputed institute                     | 70 (70) |
| Learning environment                                | 69 (69) |
| Faculty teaching and clinical learning              | 68 (68) |
| Hostel accommodation and food                       | 69 (69) |
| Relationship with family and friends                | 63 (63) |
| **Satisfaction factors for resident doctors (n=100)**|       |
| Choosing the Medical profession as career           | 67 (67) |
| Working in a reputed institute                      | 82 (82) |
| Work environment and facilities                     | 65 (65) |
| Hands on and clinical learning                      | 63 (63) |
| Resident quarters accommodation and food            | 72 (72) |
| Relationship with family and friends                | 70 (70) |

Limitations

The limitation of the study is that it is conducted in a government central institute which could not be generalized to other institutes with different academic environment and learning.

**CONCLUSION**

The major determining factors of satisfaction with life among 1st Prof. MBBS students were ‘choosing MBBS course’ (72%) and quality of hostel mess food and living in hostel (69%). The major determining factors among the resident doctors were ‘choosing medical profession’ (67%), working in a reputed institute (82%) and satisfaction with income (78%). The Medical profession is seen as one of the most noble and valued profession not only in India but all over the world, which can be a very good motivating factor to improve the life satisfaction in both students and junior doctors. The other factors being a component of job satisfaction could mean that there is an association between the job satisfaction and life satisfaction.

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