Factors Affecting Students’ Motivation in the First 6 Months of Dental Education at Dental Colleges

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ABSTRACT

Objective: To find out the stability of the quality of motivation of first year dental students in the first 6 months at the dental college and to identify the key factors that influence students’ motivation during their stay at college.

Study Design: Pre-post comparative design.

Place and Duration of Study: Liaquat College of Medicine and Dentistry and Dr Ishratulibad Dental College from December 2016 to May 2017.

Materials and Methods: Two questionnaires for identifying motivation were sent to 130 dental students of 1st year of both colleges. The first questionnaire was administered in the first month of 1st year dental education and the second questionnaire was administered after 6 months of 1st year dental education to the same students.

Results: Out of 130 dental students only 106 participated in the study. The response rate of the students was 81.5% (106/130), which included 40.5% (43/106) males and 59.4% (63/106) females. There was 40% drop in overall motivation of dental students within 6 months of their dental education. There was 46.9% and 32.1% decline in intrinsic and extrinsic motivation. Motivation of students was increased to 78.5%. Quality of teaching (79.1%), teaching methodology (68.1%) and contents (49.5%) were rated most important factors for students’ motivation but were considered only 14.3%, 13.2% and 12.1% respectively at their dental college.

Conclusion: Quality of Teachers, Teaching Methodology and Content which are rated as most important factors by students, turned out to be core reasons for their decline in motivation as per this study.

Keywords: Motivation, Motivating factors, Quality of Motivation.

INTRODUCTION

Motivation is a driving source of achieving success. It is directly proportional to learning-meaning, for learning to take place, motivation is important. It is essential for deep learning, good academic performance and for becoming self-directed learner. In case of medical education these are the main attributes that contribute towards students’ becoming better doctors.

There are many theories on motivation; some focus on quality of motivation and others on quantity. Quantity of motivation could be high or low, whereas quality describes whether the source of motivation is internal or external. Studies suggest students choose medicine with different types of motives. These could be generated internally, like interest in biology or helping people or desire for intellectual challenge and/or from external factors, like desire for monetary rewards, prestige or pressure from parents. However, in case of dentistry, not much is known about the students who opt for it in Pakistan. Be it for external or internal, it requires a great deal of motivation to be able to pursue dental education in Pakistan.

However, literature explains that students’ motivation can change with time and experiences with the environment. There can be various factors (quality of teachers/teaching, campus facilities, classroom and lab facilities, peer support, subjects taught and content of study etc.) that can effect students’ motivation either positively or negatively. According to studies, one of the most serious challenges that dental educators face today is improving the learning environment so that the level of student
motivation is improved. Dental students come from diversified cultures, experiences, personalities and learning preferences and styles. Thus educators should adopt different teaching strategies and provide conducive learning environment to students to improve or maintain the level of motivation.

There are also numerous studies on the motivations of students in entering medical education where most studies have explored the relationship between motivation and academic results but very little is known about what happens to their motivation over a period of time of dental students. Does academic motivation remain consistent over time and across distinct situations of the undergraduate training or does it get better or worse? Many authors have recommended finding out whether motivational profiles remain stable during study or change according to the learning environment and experience.

Therefore, the purpose of this study was to find out the stability of the quality of motivation of first year dental students in their first 6 months at the dental college and to identify the key factors that influence students’ motivation during their stay at college. The knowledge of these factors influencing motivation could provide educators with concrete means to enhance motivation of their students at their colleges.

**MATERIALS AND METHODS**

We conducted a pre- and post comparative design. Data was collected from 1st year dental students of two selected dental colleges Liaquat College of Medicine and Dentistry and Dr Ishratulibad Dental College using non probability convenience sampling from Dec 2016 to May 2017 after taking approval from Ethical Review Committee. Written informed consent was also taken from all the participants. The sample size was calculated with WHO sample size calculator. By considering the values of confidence level as 95%, anticipation probability proportion 0.5 and absolute precision required as 0.1, sample size of 97 was calculated. Considering rate of 75% the questionnaire was distributed to 130 students. However, duly completed questionnaire was filled by 106 students. The first questionnaire was administered in the first month of 1st year dental education and the second questionnaire was administered after 6 months of 1st year dental education to the same students. The data was collected through Academic Motivation Scale (AMS). It is the validated and most frequently used instrument to assess academic motivation. It has 20 items rated on a 5 point Likert Scale from 1 (strongly disagree) to 5 (strongly agree).

SPSS version 20 was used for statistical analysis of the data. Mean and standard deviation were calculated for all the items. Frequencies and percentages were determined. Cronbach’s Alpha was also calculated for the items to check the reliability of the instrument used.

**RESULTS**

Out of 130 dental students only 106 participated in the study. The response rate of the students was 81.5% (106/130), which included 40.5% (43/106) males and 59.5% (63/106) females. The mean age for both, males and females, was 20 (the range was 18–30 years). The Cronbach’s alpha based on standardized items is 0.879.

The frequency and percentage of the responses of Motivational questionnaire at the start of the study are as below (table-I).

The frequency and percentage of the responses of the Motivational questionnaire at the start of the study are as below (table-II).

In order to understand the increase or decrease in the intrinsic/ extrinsic motivation of first year dental students, we have added the percentage of “Agreed” and “Strongly Agreed” responses for both the questionnaires and observed that there is significant drop in the motivational level of students within 6 months of commencement of their dental education. The median of motivation questionnaire at the start of study was 72 with IQR of 12 whereas after six
months the median and IQR were 58 and 13. The difference between the two medians was statistically significant at p-value of <0.001. The significant drop in the motivation of students as reflected from table-III above can be explained by the question 21 and question 22

Table-I: Responses of Questionnaire at the start of the study (N=106).

<table>
<thead>
<tr>
<th>S. No</th>
<th>Questions</th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Somewhat Agree</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>To prove myself that I am capable of completing my school</td>
<td>8 (8.8%)</td>
<td>25 (27.5%)</td>
<td>30 (33.0%)</td>
<td>14 (15.4%)</td>
<td>14 (15.4%)</td>
</tr>
<tr>
<td>2.</td>
<td>Because I would like to make a lot of money</td>
<td>0 (0%)</td>
<td>7 (7.7%)</td>
<td>16 (17.6%)</td>
<td>51 (56.0%)</td>
<td>17 (18.7%)</td>
</tr>
<tr>
<td>3.</td>
<td>For the pleasure, I experience when I discover new things</td>
<td>2 (2.2%)</td>
<td>1 (1.1%)</td>
<td>9 (9.9%)</td>
<td>53 (58.2%)</td>
<td>26 (28.6%)</td>
</tr>
<tr>
<td>4.</td>
<td>For the pleasure that I experience when I read interesting topics about dentistry</td>
<td>3 (3.3%)</td>
<td>5 (5.5%)</td>
<td>28 (30.8%)</td>
<td>46 (50.5%)</td>
<td>9 (9.9%)</td>
</tr>
<tr>
<td>5.</td>
<td>For the pleasure, I experience while surpassing myself in my studies</td>
<td>15 (16.5%)</td>
<td>20 (22.0%)</td>
<td>12 (13.2%)</td>
<td>13 (14.3%)</td>
<td>31 (34.1%)</td>
</tr>
<tr>
<td>6.</td>
<td>Honestly, I don’t know I really feel that I am wasting my time</td>
<td>54 (59.3%)</td>
<td>29 (31.9%)</td>
<td>2 (2.2%)</td>
<td>0 (0%)</td>
<td>6 (6.6%)</td>
</tr>
<tr>
<td>7.</td>
<td>Because I think that dental education will help me better prepare for the career I have chosen</td>
<td>1 (1.1%)</td>
<td>6 (6.6%)</td>
<td>11 (12.1%)</td>
<td>48 (52.7%)</td>
<td>25 (27.5%)</td>
</tr>
<tr>
<td>8.</td>
<td>For the pleasure that I experience when I feel completely absorbed by what certain authors have written.</td>
<td>2 (2.2%)</td>
<td>1 (1.1%)</td>
<td>18 (19.8%)</td>
<td>23 (25.3%)</td>
<td>47 (51.6%)</td>
</tr>
<tr>
<td>9.</td>
<td>I wonder whether I should continue</td>
<td>63 (69.2%)</td>
<td>16 (17.6%)</td>
<td>4 (4.4%)</td>
<td>3 (3.3%)</td>
<td>5 (5.5%)</td>
</tr>
<tr>
<td>10.</td>
<td>Because I want to be a winner in life</td>
<td>0 (0%)</td>
<td>6 (6.6%)</td>
<td>16 (17.6%)</td>
<td>43 (47.3%)</td>
<td>26 (28.6%)</td>
</tr>
<tr>
<td>11.</td>
<td>Because my studies allow me to continue to learn about many things that interest me.</td>
<td>0 (0%)</td>
<td>3 (3.3%)</td>
<td>16 (17.6%)</td>
<td>54 (59.3%)</td>
<td>18 (19.8%)</td>
</tr>
<tr>
<td>12.</td>
<td>Because school allows me to experience a personal satisfaction in my quest for excellence in my studies.</td>
<td>2 (2.2%)</td>
<td>7 (7.7%)</td>
<td>25 (27.5%)</td>
<td>48 (52.7%)</td>
<td>9 (9.9%)</td>
</tr>
<tr>
<td>13.</td>
<td>Because it will enable to enter the job market in a field I like</td>
<td>0 (0%)</td>
<td>7 (7.7%)</td>
<td>15 (16.5%)</td>
<td>44 (48.4%)</td>
<td>25 (27.5%)</td>
</tr>
<tr>
<td>14.</td>
<td>A career in dentistry offers me a stable job</td>
<td>55 (60.4%)</td>
<td>13 (14.3%)</td>
<td>7 (7.7%)</td>
<td>4 (4.4%)</td>
<td>12 (13.2%)</td>
</tr>
<tr>
<td>15.</td>
<td>Even if I could hardly maintain my social like, I would still continue dental training</td>
<td>4 (4.4%)</td>
<td>10 (11%)</td>
<td>46 (50.5%)</td>
<td>17 (18.7%)</td>
<td>14 (15.4%)</td>
</tr>
<tr>
<td>16.</td>
<td>I wouldn’t consider any other profession than becoming a dentist</td>
<td>11 (12.1%)</td>
<td>17 (18.7%)</td>
<td>33 (36.3%)</td>
<td>18 (19.8%)</td>
<td>12 (13.2%)</td>
</tr>
<tr>
<td>17.</td>
<td>I would stop studying dentistry if I started scoring low marks and failing tests often</td>
<td>31 (34.1%)</td>
<td>29 (31.9%)</td>
<td>16 (17.6%)</td>
<td>6 (6.6%)</td>
<td>9 (9.9%)</td>
</tr>
<tr>
<td>18.</td>
<td>I would quit studying as soon as it became apparent that there were no jobs or resident position after graduation</td>
<td>28 (30.8%)</td>
<td>29 (31.9%)</td>
<td>14 (15.4%)</td>
<td>13 (14.3%)</td>
<td>7 (7.7%)</td>
</tr>
<tr>
<td>19.</td>
<td>I would like to become a dentist if that would mean giving priority to my studies over my family</td>
<td>20 (22.0%)</td>
<td>27 (29.7%)</td>
<td>31 (34.1%)</td>
<td>5 (5.5%)</td>
<td>8 (8.8%)</td>
</tr>
<tr>
<td>20.</td>
<td>It wouldn’t really bother me too much if I could no longer study dentistry</td>
<td>20 (22.0%)</td>
<td>18 (19.8%)</td>
<td>37 (40.7%)</td>
<td>8 (8.8%)</td>
<td>8 (8.8%)</td>
</tr>
</tbody>
</table>

Summary of the table is given in table-III with the mean of percentages: (reliability 0.72) which specify the variables that students consider important for their motivation and how they rate their college on those
Variables. The result of these two questions is presented below in table-IV.

Students were also asked to rate their own college on the variables that they consider important their motivation in the second part of this study in question 22. The response to this question clearly identifies the reason for the drop in their motivation 6 months into their Dental College Studies. Quality of Teachers which is considered the most important factor by students, only 14.3% students consider this to be Very Good at their college. Similarly, only 13.2% and

Table-II: Responses of questionnaire after 6 months(N=106).

<table>
<thead>
<tr>
<th>Why Did You Choose Dentistry</th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Somewhat Agree</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. To prove myself that I am capable of completing my school</td>
<td>8 (8.8%)</td>
<td>7 (7.7%)</td>
<td>26 (24.2%)</td>
<td>29 (27.5%)</td>
<td>21 (19.8%)</td>
</tr>
<tr>
<td>2. Because I would like to make a lot of money</td>
<td>6 (6.7%)</td>
<td>16 (15.2%)</td>
<td>21 (20.3%)</td>
<td>27 (25.3%)</td>
<td>21 (19.8%)</td>
</tr>
<tr>
<td>3. For the pleasure, I experience when I discover new things</td>
<td>4 (4.4%)</td>
<td>7 (6.7%)</td>
<td>42 (39.9%)</td>
<td>16 (15.2%)</td>
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<td>4. For the pleasure that I experience when I read interesting topics about dentistry</td>
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<td>5. For the pleasure, I experience while surpassing myself in my studies</td>
<td>5 (5.1%)</td>
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<td>13 (12.2%)</td>
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<td>6. Honestly, I don’t know I really feel that I am wasting my time</td>
<td>48 (46.2%)</td>
<td>29 (27.8%)</td>
<td>9 (8.8%)</td>
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<td>7. Because I think that dental education will help me better prepare for the career I have chosen</td>
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<td>44 (41.5%)</td>
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<tr>
<td>8. For the pleasure that I experience when I feel completely absorbed by what certain authors have written.</td>
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<td>15 (14.3%)</td>
<td>49 (45.9%)</td>
<td>15 (14.3%)</td>
<td>8 (0.8%)</td>
</tr>
<tr>
<td>9. I wonder whether I should continue</td>
<td>34 (32.1%)</td>
<td>22 (20.1%)</td>
<td>15 (14.3%)</td>
<td>12 (11.4%)</td>
<td>8 (0.8%)</td>
</tr>
<tr>
<td>10. Because I want to be a winner in life</td>
<td>4 (4.4%)</td>
<td>13 (12.5%)</td>
<td>44 (41.5%)</td>
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<td>18 (17.6%)</td>
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<td>11. Because my studies allow me to continue to learn about many things that interest me.</td>
<td>5 (5.1%)</td>
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<td>12. Because school allows me to experience a personal satisfaction in my quest for excellence in my studies.</td>
<td>4 (4.4%)</td>
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<td>13. Because it will enable to enter the job market in a field I like</td>
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<td>32 (30.2%)</td>
<td>9 (0.8%)</td>
</tr>
<tr>
<td>14. A career in dentistry offers me a stable job</td>
<td>4 (4.4%)</td>
<td>13 (12.5%)</td>
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<td>23 (21.8%)</td>
<td>14 (13.2%)</td>
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<tr>
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<td>33 (31.3%)</td>
<td>18 (17.2%)</td>
<td>12 (11.4%)</td>
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<tr>
<td>17. I would stop studying dentistry if I started scoring low marks and failing tests often</td>
<td>31 (30.8%)</td>
<td>29 (28.2%)</td>
<td>16 (15.2%)</td>
<td>6 (0.6%)</td>
<td>9 (0.9%)</td>
</tr>
<tr>
<td>18. I would quit studying as soon as it became apparent that there were no jobs or resident position after graduation</td>
<td>28 (27.8%)</td>
<td>29 (28.2%)</td>
<td>14 (13.5%)</td>
<td>13 (12.3%)</td>
<td>7 (0.7%)</td>
</tr>
<tr>
<td>19. I would like to become a dentist if that would mean giving priority to my studies over my family</td>
<td>20 (19.4%)</td>
<td>27 (26.2%)</td>
<td>31 (29.4%)</td>
<td>5 (0.5%)</td>
<td>8 (0.8%)</td>
</tr>
<tr>
<td>20. It wouldn’t really bother me too much if I could no longer study dentistry</td>
<td>20 (19.4%)</td>
<td>18 (17.2%)</td>
<td>37 (35.6%)</td>
<td>8 (0.8%)</td>
<td>8 (0.8%)</td>
</tr>
</tbody>
</table>
12.1% students consider Teaching Style and Content to be very good at their college.

**DISCUSSION**

Our study shows that motivation level of 1st year dental students significantly dropped within 6 months of their dental education. Quality of Teachers, Teaching Methodology and Content, which are rated as most important factors by students, turned out to be core reasons for their decline in motivation as per this study.

Some other studies conducted in past on similar subject showed mixed results. Some of these are presented below for reference.

**Table-III: Frequency of students with intrinsic motivation, extrinsic motivation and amotivation at start of study and after six months (N=106).**

<table>
<thead>
<tr>
<th></th>
<th>At start of study</th>
<th>After 6 months</th>
<th>Percentage change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Motivation</td>
<td>735</td>
<td>441</td>
<td>40% decrease</td>
</tr>
<tr>
<td>(Intrinsic + Extrinsic)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intrinsic Motivation</td>
<td>377</td>
<td>200</td>
<td>46.9% decrease</td>
</tr>
<tr>
<td>Extrinsic Motivation</td>
<td>358</td>
<td>241</td>
<td>32.1% decrease</td>
</tr>
<tr>
<td>Amotivation</td>
<td>14</td>
<td>25</td>
<td>78.5% Increased</td>
</tr>
</tbody>
</table>

**Table-IV: Motivation factors and their importance rated by the students (N=106).**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Questions</th>
<th>Important</th>
<th>Very important</th>
<th>Doesn’t matter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Quality of teacher (e.g. teacher attitude)</td>
<td>17 (18.7%)</td>
<td>72 (79.1%)</td>
<td>2 (2.2%)</td>
</tr>
<tr>
<td>2</td>
<td>Teaching methodology</td>
<td>25 (27.5%)</td>
<td>62 (68.1%)</td>
<td>4 (4.4%)</td>
</tr>
<tr>
<td>3</td>
<td>Classroom (e.g. air conditioning, comfortable seating, a/v aids)</td>
<td>49 (53.8%)</td>
<td>38 (41.8%)</td>
<td>4 (4.4%)</td>
</tr>
<tr>
<td>4</td>
<td>Laboratory (e.g. practicals)</td>
<td>48 (52.7%)</td>
<td>39 (42.9%)</td>
<td>4 (4.4%)</td>
</tr>
<tr>
<td>5</td>
<td>Peers/ Class mates (e.g. supportive, competitive)</td>
<td>46 (50.5%)</td>
<td>37 (40.7%)</td>
<td>8 (8.8%)</td>
</tr>
<tr>
<td>6</td>
<td>Subjects/ content (e.g. interesting, relevance, updated)</td>
<td>43 (47.3%)</td>
<td>45 (49.5%)</td>
<td>3 (3.3%)</td>
</tr>
<tr>
<td>7</td>
<td>Campus related (e.g. canteen, rest room etc.)</td>
<td>48 (52.7%)</td>
<td>30 (33.0%)</td>
<td>13 (14.3%)</td>
</tr>
<tr>
<td>8</td>
<td>Administration related (e.g. cooperative, supportive)</td>
<td>39 (42.9%)</td>
<td>43 (47.3%)</td>
<td>9 (9.9%)</td>
</tr>
</tbody>
</table>

**Table-V: Actual rating of motivation factors at colleges by students (N=106).**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Questions</th>
<th>Need improvement</th>
<th>Average</th>
<th>Good</th>
<th>Very good</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Quality of teacher (e.g. teacher attitude)</td>
<td>11 (12.1%)</td>
<td>37 (40.7%)</td>
<td>30 (33.0%)</td>
<td>13 (14.3%)</td>
</tr>
<tr>
<td>2</td>
<td>Teaching style</td>
<td>11 (12.1%)</td>
<td>44 (48.4%)</td>
<td>24 (26.4%)</td>
<td>12 (13.2%)</td>
</tr>
<tr>
<td>3</td>
<td>Classroom (e.g. air conditioning, comfortable seating, teaching aids)</td>
<td>17 (18.7%)</td>
<td>35 (38.5%)</td>
<td>30 (33.0%)</td>
<td>9 (9.9%)</td>
</tr>
<tr>
<td>4</td>
<td>Lab related (e.g. practicals)</td>
<td>13 (14.3%)</td>
<td>36 (39.6%)</td>
<td>33 (36.3%)</td>
<td>9 (9.9%)</td>
</tr>
<tr>
<td>5</td>
<td>Peers/ Class mates (e.g. supportive, competitive)</td>
<td>11 (12.1%)</td>
<td>19 (20.9%)</td>
<td>35 (38.5%)</td>
<td>26 (28.6%)</td>
</tr>
<tr>
<td>6</td>
<td>Subjects/ content (e.g. interesting, relevance, updated)</td>
<td>7 (7.7%)</td>
<td>43 (47.3%)</td>
<td>30 (33.0%)</td>
<td>11 (12.1%)</td>
</tr>
<tr>
<td>7</td>
<td>Campus related (e.g. canteen, rest room etc.)</td>
<td>31 (34.1%)</td>
<td>33 (36.3%)</td>
<td>18 (19.8%)</td>
<td>9 (9.9%)</td>
</tr>
<tr>
<td>8</td>
<td>Administration related (e.g. cooperative, supportive)</td>
<td>26 (28.6%)</td>
<td>40 (44.0%)</td>
<td>18 (19.8%)</td>
<td>7 (7.7%)</td>
</tr>
</tbody>
</table>

Kim and Jang carried out a study called ‘changes in medical students’ motivation and
self-regulated learning". The questionnaire was administered to the same cohort at the beginning of year 1 and 2. On contrary to our result, they reported that motivation of medical students was increased in the year 2. However, it is important to note that this study was conducted on Medical Students and our study has been conducted on Dental Students. Also the time span in this study was 1 year whereas in our study it was 6 months.

Another study was conducted by Mitchell on ‘motivational changes in medical students during two year of preclinical curriculum’. The result showed that over the course of the study, the levels of intrinsic motivation of students fell down.

Orsini and colleagues carried out a study to explore differences in the quality of motivation of dental student transition from preclinical to clinical courses. A longitudinal study was conducted with 95 Chilean students who completed the Academic Motivation Scale in two iterations over a one-year period. The result showed that there was a decline in motivation in the preclinical years that was improved in the clinical years of studies. Patient contact and clinical-based learning have been suggested as positive factors of student motivation. Our study on the other hand showed a decline in motivation in the first 6 months. However, it will be interesting to carry out another research on the same set of students when they reach the clinical year of dentistry and see if their motivation increases or not.

According to Yoshida et al, there are many factors influencing students’ motivation. Bamosa observed similar results; however they observed that the content overload was the main factor for the decline in students’ motivation. Orsini and colleagues did another study on determinants and outcomes of motivation in health profession education. They reported that motivation could be increased by changes in the educational environment and by an early detection of student’s characteristics. They reported that educational environment and incorporation of new teaching and learning strategies can enhance student’s motivation. Our study also produced similar results and ‘Quality of teaching’, ‘Content’ and ‘Teaching Methodology’ were highlighted as key reasons for decline in motivation.

Narayanan et al conducted a survey for pre-clinical dental students to explore if the performance levels of pre-clinical students are same or changed. Students were asked about the teaching methodology in the college and 85% of them were not happy with the teaching methodology.

Mckay did a research to find out how to improve students’ motivation. It was found that teachers play an important role to employ a number of strategies to improve students’ motivation. Taheri and colleagues in their study reported that educational environment is one of the essential factors that influences student motivation.

Our study draws our attention to the most critical factors that contribute to students’ motivation and the areas where Dental Colleges must focus to not only keep students motivated about their studies but also improve the level of their motivation during their stay at the college. There are very few studies conducted to measure the level of student’s motivation over a period of 6 months. This gives us an advantage to detect the falling motivation early on and take corrective measures.

Limitations of the study: One of the limitations of the study is that questionnaire was sent to 2 dental colleges only. Thus the findings have limited generalizability.

RECOMMENDATION

Whereas this study measures the level of students’ motivation over a 6 months period, there is a need to conduct another study to measure the level and factors affecting motivation in entire 4 years of study as some studies suggest that student motivation increases during the clinical years.
It is also recommended that level and factors influencing motivation should also be observed among private and public dental colleges to improve dental education across the country.

CONCLUSION

Quality of Teachers, Teaching Methodology and Content which are rated as most important factors by students, turned out to be core reasons for their decline in motivation as per this study.

CONFLICT OF INTEREST

This study has no conflict of interest to be declared by any author.

REFERENCES