



CODEN [USA]: IAJPBB

ISSN: 2349-7750

INDO AMERICAN JOURNAL OF
PHARMACEUTICAL SCIENCES<http://doi.org/10.5281/zenodo.3708922>Available online at: <http://www.iajps.com>

Research Article

**ELEMENTS INFLUENCING THE SPECIALTY CHOICE OF
MEDICAL STUDENTS: A MULTICENTERIC STUDY**¹Dr. Hassan Shahzad, ²Dr. Warda Nazar, ³Dr. Kiran Bashir¹Services Hospital Lahore²Shalamar Hospital Lahore³DHQ Teaching Hospital Dera Ghazi Khan

Article Received: January 2020

Accepted: February 2020

Published: March 2020

Abstract:

Background: Little thought is given to the elements that has an impact on the decision of a strong restorer by the senior male and female medical students. It is a multicenteric study conducted in Services Hospital Lahore, Shalamar Hospital Lahore, DHQ Teaching Hospital Dera Ghazi Khan.

Methods: In this cross-sectional survey, information was collected through a survey adapted to Pakistani culture. It was distributed to 300 female and male students in grade 6 and the response rate was 80.7%. The information was reviewed using the Statistical Package for the Social Science (SPSS) variant for the years 2018-2019. The rates and meanings of the most and least important factors that have an impact on the decision of applications for celebrity restoration through the example of the survey were recorded.

Results: The study found that 94 of 129 men and 88 of 119 women agreed that entering a therapeutic school was their first plot. The results showed that patient assistance was the most important motivation for choosing a medication for most students (94% of male and 92% of female students), while family needs were the least important motivation for choosing a prescription (29% of male and 24% of female students). Domestic prescription was chosen by most respondents as their first enthusiasm after leaving catering school (45 male and female students). While only one male restaurateur understudy chose network medication.

Conclusion: Medicine was the main decision made by most of the male and female students in restorative medicine who entered university. Internal medication was the most attractive force after graduation. Most alumni do not have an arrangement to find a vocation when all is said and done in practice. There is support for the creation of an advisory group to encourage the profession at Pakistani. This advisory group should focus on understudying medicine in the final clinical years. It should address the lack of physicians in certain areas of strength and its impact on the network.

Keywords: Medical specialty, Selection, Medical students, Pakistan, Carrier.

Corresponding author:

Dr Hassan Shahzad,
Services Hospital Lahore

QR code



Please cite this article in press Hassan Shahzad et al., *Elements Influencing The Specialty Choice Of Medical Students: A Multicenteric Study*., Indo Am. J. P. Sci, 2020; 07(03).

INTRODUCTION:

One can reflect on the inclination and decision of the therapeutic claim of fame before being a restorative understudy. In any case, the real procedure for deciding the vocation of life begins during clinical revolutions, when students are presented under both clinical and scientific conditions of different claims to fame [1, 2]. In the Ministry of Health, the number of Pakistani specialists working in welfare centres is lower (6.9 per cent) than the number of specialists working in emergency clinics (17.6 per cent). As indicated by the Ministry of Health, the number of medical schools in Pakistan in 2011 has been expanded to include 17 legislative therapeutic schools and 5 private schools. In addition, the numbers of Pakistani specialists are included as follows: 46,192 specialists in the field of administration and 22,138 specialists in the private division [3, 4]. Thus, efforts to increase the number of Pakistani doctors in essential human services and other unappreciated forces require a sufficient understanding of how restorative students choose their profession. An overview of the first three classes showed that the vast majority of men decide to repeat in medicine, surgery, dermatology, urology, ENT, ophthalmology and orthopedics, while women turn to obstetrics and gynecology and pediatrics.

As far as reporting is concerned, men decide to finish their exams outside Pakistan while most women earn them in Pakistan. As a rule, the decision to declare one's fame is the most significant advance in the professional life of medical students; and it must be acknowledged that this is a confusing procedure. It is essential to note that there is no positioning or display of the "best of the best" [5]. The fortress decision is an individual choice based on many elements incorporating the suitability of the characters in all cases. As it should, this survey plans to examine the elements that impact on the decision to claim fame by senior medical students [6].

METHODOLOGY:

This survey followed the cross-sectional plane. It is a multicentric study conducted in Services Hospital Lahore, Shalamar Hospital Lahore, DHQ Teaching Hospital Dera Ghazi Khan. It was distributed to 300 female and male students in grade 6 and the response rate was 80.7%. The information was reviewed using the Statistical Package for the Social Science (SPSS) variant for the years 2018-2019. The example of the examination was purposely chosen because top medical students face challenges in choosing their claims to fame that best suit their future. The final objective of the examination was to use a survey adapted to the Pakistani culture. The survey was developed based on an audit of the literature and past surveys, as well as conversations held with medical students and physicians on the subject of the examination. These announcements

embody the elements that influence the decisions of medical students. The survey included data on segments, celebrity inclinations, and variables that influenced their decision to use strong therapy. The survey was conducted with 300 male and female grade 6 medical students. In any case, only 200 and thirty-nine surveys were obtained (80.7%). The information survey was supplemented by the use of the Statistical Package for Social Sciences (SPSS) in the year 2013-2014 to record the rates and meanings of the most and least influential factors in the decision of medical claims to fame through the example of the examination.

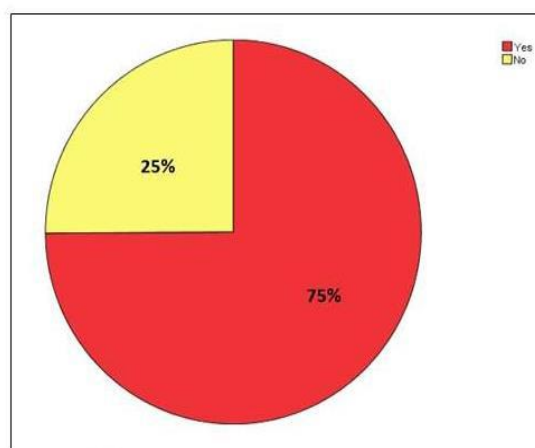


Figure 1: Choosing medicine as the first importance.

RESULTS:

300 and fifty (82%) of the 300 surveys were returned. One hundred and twenty-one surveys (52%) were responded to by male students while one hundred and twenty surveys (50%) were responded to by female students. As shown in Figure 1, 181 (76%) of the 245 senior female students agreed that medical school was their first plot, while in the rest of the survey example, 61 (26%) disagreed. In particular, 92 senior male students in restorative medicine expressed enthusiasm for medicines, compared to 32 senior male students. Similarly, 88 female senior restorative students stated that medication was their first enthusiasm instead of 32 female senior students who stated that medication was not their main plot.

Most members (93%; 225 senior male and female therapeutic students) chose the prescription because they are concerned about helping patients. In particular, 94% (115 senior male students in therapy) chose the medication to help patients, while 92% (118 senior female students in therapy) also chose the prescription for a similar explanation. In addition, 70% (168 senior male and female students in restorative studies) chose prescription because they were concerned about the logical principle of

medicine. In addition, 65% (160 medical students) chose the drug because it gave them an image of vocation. To be precise, 73% (88 senior male students in restorative medicine) chose prescription because it gave them a contrasting image of their vocation and 54% of women (64 senior female students in therapeutic medicine) chose drugs for similar reasons (Table 1). Approximately 19% (44 senior male and female students) chose domestic prescription as their primary motivation. 18% (22 senior male therapeutic students) preferred internal prescription of drugs, compared to 20% (23 senior female therapeutic students) who chose a similar claim to fame. In addition, 18% (42 male and female medical students) favored the general medical procedure as a means of claiming fame. In

particular, 23% (28 medical students in restorative medicine) and 14% (16 medical students) chose general medicine. With regard to pediatrics, only 11% (27 medical students) supported this claim to fame, unequivocally, 15% of women (18 students in restorative medicine) preferred pediatrics instead of 9% (11 medical students). But the strengths least considered by members were networked medicine (0.4%), cardiac procedures (0.9%) and psychiatry (0.9%). Urology and basic sciences (2.4%) came in second place, behind Table (2). Approximately 36% of the members performed a bending test to assess their inclination to strong explicitness. However, 66% of all members did not perform the test Figure 3.

Table 1: Relation among sex and reasons for choosing medicine.

Reasons for choosing Medicine	Man (n=124)		Woman (n=121)		Total (n=245)		P value
	Helping Patients	114 (94.7%)	109(90.8%)	221 (92.7%)		.387	
Economic Reasons	84 (69.7%)		61 (50.3%)		145 (61%)		.003
Helping Patients	114 (92.6%)	109 (90.7%)	223 (91.6%)		.387	Helping Patients (92.6%)	114 (92.6%)
Employment security	79 (65.5%)		68 (56.1%)		146 (61.9%)		.087
The profession's image	89 (72.9%)		64 (53.4%)		153 (62.8%)		.003
Family enforcement	36 (28.1%)		29 (22.9%)		65 (25.5%)		.218
Illness of relative / friend	48 (39.7%)		36 (29.8%)		83 (35.3%)		.088

Table 2: Kind of subject selected by sample of our research.

	Male (n=124)		Female (n=121)		All (n=245)	
	Count	%	Count	%	Count	%
Basic Science	5	1.8%	2	.8%	4	1.3%
Cardiology	3	2.6%	4	2.5%	8	2.5%
Cardiac Surgery	2	.0%	3	1.8%	3	.8%
ENT	3	1.7%	5	3.4%	7	2.5%
Family Medicine	7	2.5%	8	5.9%	12	4.2%
General Surgery	28	21.5%	16	12.7%	42	17.2%
Internal Medicine	22	17.4%	23	18.6%	45	18.0%
Neurology	4	2.5%	6	4.2%	7	3.3%

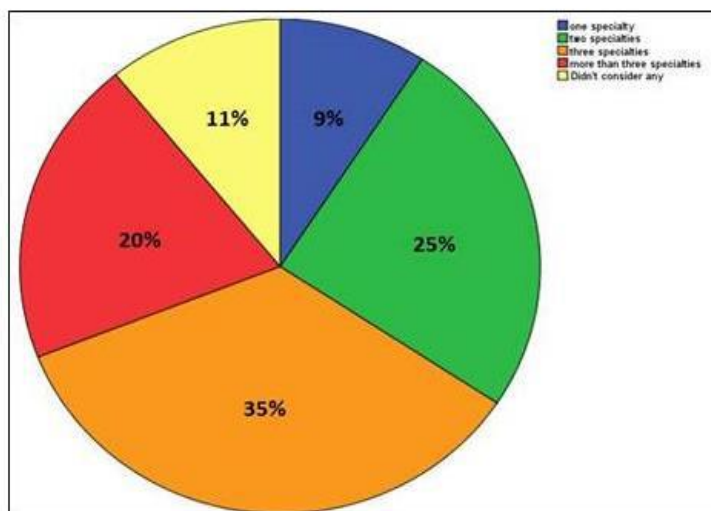


Figure 2: Sum of specialties measured by respondents.

DISCUSSION:

The key factor in a successful profession for therapeutic students is an informed decision on the claim to fame of the drug. Currently, a review is planned to investigate the elements that influenced the decision of the therapeutic claim of fame by high-level restorative students. It is a multicentric study conducted in Services Hospital Lahore, Shalamar Hospital Lahore, DHQ Teaching Hospital Dera Ghazi Khan. In particular, numerous investigations are currently under way, all of which affirm the link between the therapeutic profession and the decision to claim fame. They also announce that there should be an advisory action by the profession to help students choose their therapeutic claim to fame in Pakistan and various examinations in Canada, the United Kingdom and the United States. Furthermore, a previous report (2) revealed that the number of Pakistani specialists working in the field of wellness was lower than the number of medical clinics [7, 8]. It was explained that male specialists preferred to repeat medicines, medical procedures, dermatology, urology, ophthalmology and orthopedics [9, 10, 11]. However, female specialists preferred obstetrics and gynecology and pediatrics. The components are: overwhelming exceptional load, extreme workload, lower rates of pay, medical coverage reimbursement framework, logical difficulties and patient association. Logical test (62.5%) and patient association (61.7%) seem to be the main components that affect most students in their desire for fame. Bittaye et al. indicated that individual insight/capability, inclination and professional openness were progressively significant elements, at the current age of students, in choosing a claim to fame. In a study conducted by the Association of American Medical School to examine the variables that have an impact on the decision to choose catering, the elements chosen to

have a strong or direct impact were: personality adjustment (97.4%), role model impact (79.1%), future family role models (63.7%) and competitiveness of the celebrity claim (42.2%) [12].

CONCLUSION;

This survey shows that medication is the decision of 75% of men and 75% of women. The main objective behind the choice of this major was the desire of students to support patients. The students intend to assert themselves in one of the accessible substructures. The inner prescription was the most attractive claim to fame for 18% of the liners. Most graduates did not intend to seek a vocation when all is said and done in practice. They were encouraged to form a vocation promotion panel at Pakistani. The Board should focus on therapeutic students during their final clinical years and during the pivotal years of entry-level positions. The absence of physicians in certain strong areas should be compensated by this board, putting into context the national medical issues in the Pakistan. In this way, it is appropriate to set up a council of the profession to monitor students in their decision to claim fame. In addition, it is prescribed to summarize the folded test to assess the inclination of medical students to an explicit dosage. This test may be mandatory for all students in the first year of study.

REFERENCES:

1. Sullivan, B. T., DeFoor, M. T., Hwang, B., Flowers, W. J., & Strong, W. (2020). A Novel Peer-Directed Curriculum to Enhance Medical Ethics Training for Medical Students: A Single-Institution Experience. *Journal of Medical Education and Curricular Development*, 7, 2382120519899148.
2. Cabrera, M. V. L., Olivares, S. L. O., & Escorza, Y. H. (2020). Professional Culture in

- Medical Schools: A Medical Educator Interpretation. *Medical Science Educator*, 1-6.
3. Arwyn-Jones, J., Bhalla, S., Acharya, V., Beegun, I., Awad, Z., & Tolley, N. (2019). Specialty Showcase Days: Can Specialist Careers Workshops Improve The Consideration Of ENT For Medical Students?. *Advances in medical education and practice*, 10, 877.
 4. Phillips, J. P., Wilbanks, D. M., Rodriguez-Salinas, D. F., & Doberneck, D. M. (2019). Specialty income and career decision making: a qualitative study of medical student perceptions. *Medical education*, 53(6), 593-604.
 5. Yang, Y., Li, J., Wu, X., Wang, J., Li, W., Zhu, Y., ... & Lin, H. (2019). Factors influencing subspecialty choice among medical students: a systematic review and meta-analysis. *BMJ open*, 9(3), e022097.
 6. LaRiviere, M. J., Santos, P. M. G., Jones, J. A., Lukens, J. N., Vapiwala, N., Swisher-McClure, S. D., & Berman, A. T. (2019). Introducing Multidisciplinary Oncology Management to the Medical Student. *Advances in Radiation Oncology*.
 7. Alamri, A. A., Alshehri, K. A., Alharbi, A. A., Alahmari, A. F., Alkhatib, T. A., Merdad, M. A., & Marzoukib, H. Z. (2019). Factors influencing the choice of otolaryngology (ORL) head and neck surgery as a future specialty for Saudi medical students. *Journal of family medicine and primary care*, 8(6), 1941.
 8. Burkhardt, J. (2019). *Meeting the Need for Emergency Medicine Physicians: A National Study of Factors Influencing Medical Specialty Career Choice* (Doctoral dissertation).
 9. Ginocchio, L. A., & Rosenkrantz, A. B. (2020). Exploring Which Medical Schools Cost the Most: An Assessment of Medical School Characteristics Associated With School Tuition. *Current problems in diagnostic radiology*, 49(2), 85-88.
 10. Kang, J. S. (2020). Ethics and Industry Interactions: Impact on Specialty Training, Clinical Practice, and Research. *Rheumatic Disease Clinics*, 46(1), 119-133.
 11. Marathe, S., Hunter, B. M., Chakravarthi, I., Shukla, A., & Murray, S. F. (2020). The impacts of corporatisation of healthcare on medical practice and professionals in Maharashtra, India. *BMJ Global Health*.
 12. Könings, K. D., Scherpbier, A. J., Wright, P., Luu, H. N., & van Merriënboer, J. J. (2017). Preventive medicine as a first-or second-choice course: a cross-sectional survey into students' motivational differences and implications for information provision. *BMC research notes*, 10(1), 383.