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The considerations of a high school student for applying to dental school: A case of oneto-one counseling for higher education



KEYWORDS

High school student; University entrance system; Dental enrollment; Counseling for higher education

In addition to one dental school in the Military University, there are 7 dental schools in Taiwan. The current university entrance system is based on the government's regulation of a unified admission system for all universities and colleges in Taiwan.¹ Therefore, there is no specific admission system only for dental schools. For dental schools, there are the common admission channels under the university entrance system for general students and another special admission channels for indigenous peoples, offshore island residents, overseas Chinese students, winners in the International Mathematics or Science Olympiads, and winners in the international Science Fairs. In addition to the additional enrollment quotas for disadvantaged students, the number of general dental enrollment quotas in the common admission channels is fixed at 371 per year for the quota control policy of medical personnel.² Furthermore, Taiwan had 95,498 high school graduates in 2022. Although not all high school graduates aspire to enter the dental schools, it is certain that there are tens of thousands of potential competitors for only 371 dental enrollment quotas each year. Obviously, entering into a dental school is a highly competitive process. In this article, we explored what our high school students think about applying to dental schools through a one-to-one counseling for higher education of dental school admission.

A northern elite high school's alumni association initiated a web platform with the function for inviting voluntary professionals in various fields to provide current students with consultation and sharing on learning and career planning. A teacher of the dental school of National Taiwan University (NTU) was invited to provide relevant counseling online to a high school student, while this article analyzed the counseling content through the participant observation. The student's question content, the counselor's response, and their significance for medical education system are shown in Table 1. To sum up, the student mainly raised 7 questions. Among these questions, the question focus was mostly about entrance examination (n = 4), followed by dentist personality traits (n = 1), dentist career planning (n = 1), and incomes of dentists (n = 1). For questions about entrance examination, the counselor expressed the correct information and precautions about the examination process in practice, and provided some suggestions. For dentist personality traits, the counselor guided the student to know his own traits and to ponder what personality traits were suitable for dentists. For dentist career planning and incomes, the counselor expressed personal experience for the questions. To the best of our knowledge, this is the first qualitative research for exploring the thinking of a high school student for applying to dental school in Taiwan. We

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Question	Brief description of the student's question	Question focus	Counselor's response
•	e at the level for medical education system What personality traits are needed for being a good dentist?	Dentist personality traits	personality traits he had, or what experience he had, so that he could study dentistry, and then guided the student to think about whether his own personality traits (especially team
	works of dentists need to contact with people. T contact with patients or medical partners and important. Therefore, the team spirit is an imp	The dentists should p interaction with cla portant personality 1	trait for the dentists.
Question 2	Is the Olympiads Award or other awards helpful for admission to the dental school of National Taiwan University (NTU)?	examination	The counselor suggested that if the student had won the Olympiads Award or other special performances, he could provide relevant information to the oral committees of dental school entrance examination.
	The award-winning experience is also a manife characteristics through the answer to the oral co their ambition to enter the dental school throu	ommittees' inquiries	. The students can let the oral committees know
Question 3	Why did you (referring to the counselor) consider working in the hospital? In Taiwan, the advantage of dentists working in	Dentist career planning n the hospitals may	The counselor expressed personal experience. be that there are more dental treatment cases
Question 4		Dentist incomes nic dentists usually advantages of high in dental schools for c	The counselor expressed personal experience. earn higher incomes. The social value system noomes and high quality of life. This may also be our high school students. Furthermore, of 15,741
Question 5	Why is it difficult to get admitted to the dental school of NTU? What is the scoring standard for getting a school admission permission?	About entrance	The counselor expressed the 3 evaluation items for individual application admission to the dental school of NTU, including handcraft (sketch and sculpture), short essay writing, and oral test.
	concepts. The short essay writing is used to ever professional knowledge, while the oral test for have connotation. The test questions may inclu	aluate students' log uses on the student ide dental professio	
Question 6	affairs, personal career planning, and teamwor There is an oral test question about patient privacy issues found online. How should I answer this question, if I am asked this question?	k spirit. About entrance examination	The counselor expressed personal opinions.
	For students, they hope to know the questions that the oral committees may ask and hope to have a direction for preparation of the oral test. Due to the development of internet information and the popularity of personal sharing, they will search online to find questions that have been asked in the oral test and hope to know the answers which are most favored by the oral committees.		
Question 7	During the oral test, what qualities do the oral committees expect students to have so that they can be admitted easily?	examination	The counselor provided some suggestions.
	minutes. The grades can only be awarded base	d on on-the-spot pe lebatable. For the si d an important critic	tudents, they have worked hard for many years, cal point in their lives. A conversation with

summarized the significance implied by the student's questions at the level for medical education system and actual situation in Taiwan.

Since 1918, dentistry has been taught in Taiwan's universities for more than 100 years.^{3,4} However, since Taiwan implemented the National Health Insurance (NHI) in 1995. the degree to which the career of dentists is favored by our high school students has undergone a drastic upward change.^{1,2} Unfortunately, the main factor may simply be that the social value system generally believes that dentists (especially those working in clinics) have the advantages of high incomes and high quality of life. Although admission into dental schools is a competitive and multi-faceted process designed to select students who are capable of completing the degree of Doctor of Dental Surgery (DDS), it is more important to discover students who also possess the attributes to become a full contributing member of the profession.^{1,5} The current dental school enrollment strategies and the educational philosophy of dental schools may affect the future dental workforce structure.² In addition to clinical dentists, the sound development of the dental field also requires the participation of dental professionals at various levels, such as dental specialists for difficult dental treatment, general dentists for oral health care of people in the communities, rural villages, and disadvantaged groups, and related teaching and research talents for basic medicine and dentistry.² Therefore, in addition to the fairness of the admission, it is very important for our high school students to correctly understand the various aspects of the career of dentists, and to develop an admission system that can screen students who are suitable for becoming full contributing members of the dental profession.

Conflicts of interest

The authors have no conflicts of interest relevant to this article.

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Feng-Chou Cheng

Chia-Te Dental Clinic, New Taipei City, Taiwan School of Life Science, National Taiwan Normal University, Taipei, Taiwan Science Education Center, National Taiwan Normal University, Taipei, Taiwan

Chi-Pan Hsieh Chuang Ear Nose and Throat Clinic, New Taipei City, Taiwan

Yin-Lin Wang**

Department of Dentistry, National Taiwan University Hospital, College of Medicine, National Taiwan University, Taipei, Taiwan

Graduate Institute of Clinical Dentistry, School of Dentistry, National Taiwan University, Taipei, Taiwan

Chun-Pin Chiang*

Department of Dentistry, National Taiwan University Hospital, College of Medicine, National Taiwan University, Taipei, Taiwan

Graduate Institute of Clinical Dentistry, School of Dentistry, National Taiwan University, Taipei, Taiwan Graduate Institute of Oral Biology, School of Dentistry, National Taiwan University, Taipei, Taiwan Department of Dentistry, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

**Corresponding author. Department of Dentistry, National Taiwan University Hospital, College of Medicine, National Taiwan University, No. 1, Chang-Te Street, Taipei, 10048, Taiwan.

E-mail address: wil1019@ntu.edu.tw (Y.-L. Wang)

*Corresponding author. Department of Dentistry, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, No. 707, Section 3, Chung-Yang Road, Hualien, 970, Taiwan. *E-mail address:* cpchiang@ntu.edu.tw (C.-P. Chiang)

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