Swiss Student’s Arguments in Favour and against a Career in Primary Care

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Abstract

Background: Interest in a career in Primary Care has alarmingly waned among medical school graduates in Western countries; the number of Primary Care Physicians (PCP) is clearly insufficient to cover future needs. Qualitative studies in which medical students express their interest in a career in Primary Care are scarce.

Objective: To estimate the percentage of medical students planning to start a career in Primary Care, to analyse statements in favour of and against a career in Primary Care given by sixth-year medical students, and to compare these statements with those of younger medical students.

Methods: A questionnaire was mailed to sixth-year medical students in 2008, soliciting three answers in favour of and three answers against a career in Primary Care, and the results were qualitatively assessed and compared to the statements of first- to fourth-year medical students attending continuing medical education. In addition, participants indicated whether or not they aspired to become a PCP.

Results: A total of 2,502 statements in favour of and against a career in primary care were given by 302 sixth year medical students and 112 first- to fourth-year medical students. The overall response rate was 73.8%. The most frequently occurring positive categories, “Experience in Daily Practice” and “Professional Interactions”, accounted for 83% of all positive statements. The most frequently occurring negative category was “Working Conditions” (24.8%). Of the 414 participants, 59 (14.3%) choose to become a PCP (7.1% of first-to fourth-year students versus 16.9% of sixth-year medical students; p=0.012). The analysis of students’ statements detected only few differences between gender, year of study and the interest to become a PCP or not.

Conclusions: The given statements assigned to the different categories highlighted the current difficult and uncertain situation of primary care concerning health policy and income. During medical school, the fraction of those planning to go into PC is slightly increasing. Nonetheless, only a small percentage of medical school graduates intend to become a PCP. Therefore, there is an urgent need to increase the attractiveness of primary care by broadening the PCP’s professional experience, as well as establishing an assured remuneration appropriate to the individual level of specialisation.

Keywords: Primary care; Medical students; Career choice; Quantitative content analysis

Introduction

As it is the case in many other Western countries, the dearth of junior primary care practitioners (PCP) is of paramount concern in the health care system in Switzerland. This problem is anticipated to grow even more in the foreseeable future, considering that general practitioners, in Switzerland, for example, are on average older than specialists, that more than 50 per cent are at least 50 years old, and that a majority of them will reach retirement age in about 10 years [1]. This statistic is even worse than it seems because, above all, elderly people tend to consult PCP, people aged 65 years and older are more likely to have chronic-care needs, and the elderly are the fastest-growing age group in Western countries. In Switzerland in 2007, only 1.04% (93/8935) of all residencies was in Primary Care [1]. The numbers of PCP per thousand inhabitants in Switzerland decreased from 0.57 in 1990 to 0.45 in 2010. The Swiss Health Observatory is anticipating a huge gap for outpatient consultations coverage, forecasting non-coverage of 40 per cent of outpatient consultations (9.3 million) in 2030 [2]. There are several publications concerning the reasons for the declining interest in a career in medicine, especially in Primary Care [3-6], some of which parallel reasons for the drop in medical school graduates in Switzerland during the past years, concurrent with a relatively unchanging number of medical students since 1980. One problem may be that medical students are given relatively little exposure to lectures on Primary Care and one-on-one tutorials in basic medical education [7]. Most importantly, however, is the perception that PCP’ lives are stressful, that the work hours are long, that a controllable lifestyle is difficult to realise [8,9], and that the economic incentives, one of the most critical and pressing issues in students’ career choice [10], are lower than those of other specialists. Even if young physicians consider Primary Care an interesting field [11], the attractiveness of Primary Care for students and young physicians has waned on different levels, made apparent by the notable number of medical students initially interested in Primary Care and one-on-one tutorials in basic medical education [7].
Care but who subsequently changed their choice of specialty over the course of medical school [12,13], and by the steadily decreasing number of graduates choosing Primary Care [14,15]. In fact, Primary Care is markedly affected by the profound changes which are taking place at a dizzying pace in most of Western healthcare systems due to economic, bureaucratic, and political initiatives. In Switzerland, for example, this is due to the national relative value scale for reimbursement (TARMED) since 2004, to nationwide restricted work hours for all residencies beginning January 1st 2005, to an ongoing moratorium on accreditation of new practices since summer 2002, or to the new compensation system for PCP’ laboratory service. It is generally acknowledged that loss of job autonomy and income within a speciality make students hesitant to select it [16,17]. In the medical community in Western countries, all these above-mentioned facts have initiated a broad-based discussion about the future of Primary Care and possible corrective actions [11,18-20]. However, to date, studies on the interest in a career in Primary Care among medical students in Switzerland have been scarce. Some have investigated the interest of fourth-year residents to become a PCP [21,22], or more generally, whether or not the original decision to become a physician persists throughout medical school [4]. Studies in which medical students express their concerns about a career in Primary Care in an open-ended fashion are lacking in the current scientific literature.

The objective of the present study was three-fold: First, to estimate the percentage of medical students planning to start a career in Primary Care, second, to analyse statements in favour of and against a career in Primary Care given by sixth-year medical students, and, third, to compare these statements with those of younger medical students.

Methods

Data collection

A postal anonymous survey of sixth-year (i.e. final year in Switzerland) medical students was conducted in 2008 at the three medical schools in German-speaking Switzerland (University of Bern, University of Zurich, and University of Basel) to elicit their opinions about a career in Primary Care. In our survey "Primary Care" was used synonymously with Family Medicine or General Medicine. Furthermore, from medical-student attendees at a continuing medical education conference in Emergency Medicine in autumn 2008 we randomly recruited participants at different levels in their medical studies to complete the same self-administered questionnaire. There were no fifth-year medical students participating in this survey, because they are all doing their clerkship. Confidentiality was ensured, and participants sent their anonymous responses to an independent administration office. As the survey addressed healthy people on a voluntary basis without any incentives, no further ethical considerations were required.

Statements

The solicited opinions in favour of and against a career in Primary Care were in response to a request to give three statements each in favour of and against a career in Primary Care. In addition, participants had to indicate whether or not they aspired to become a PCP. Additional participants’ information was extracted from a general form containing questions about gender, age, year of medical school, and whether or not the respondents’ parents are PCP. Furthermore, the participants were asked to indicate whether or not they were influenced in their career choice by meeting with a PCP during medical school, the current discussion in the lay media about the significance of Primary Care, or the estimation of Primary Care given by academics.

Statistical analysis

The quantitative statistics were performed with SPSS® 20.0 (SPSS; Chicago, Illinois, USA). The quantitative content analyses were done by an independent researcher trained in qualitative data analysis (HS), using the Mayring’s content analysis [23], first, by transcribing the handwritten statements, second, by defining the level of abstraction for the inductive formation of categories, and, third, by stepwise inductive formulating of content categories and generating of a code manual. Then, a formative check of reliability was made, followed by a summative check of reliability. A second rater did partial coding on 20% of the statements; the overall agreement of the eight codes was 78.2%, with a kappa value of 0.82. Comparisons of dichotomous outcomes were performed by χ² or Fisher’s exact test. P < 0.05 was considered statistically significant. All tests were two-sided.

Results

A total of 561 students (396 sixth-year students and 165 students at levels other than final year) were invited to complete the questionnaire, and 302/396 sixth-year students (76.3%) and 112/165 first to fourth year students (67.9%) were willing to take part, yielding an overall response rate of 73.8%. Thus, the total number of completed questionnaires was 414. The median age was 25 (range 18-48) years, and 270/414 respondents (65.2%) were female. (Table 1) provides a detailed description of the study participants.

Categories and statements for a career in primary care

The 414 participants provided a total of 2,502 statements (1,253 statement in favour of and 1,249 against a career in Primary Care) assigned to eight different categories both in favour of and against a career in Primary Care according to the content analysis; the number and content of these categories were identified by inductive formation and then by stepwise inductive formulating as described above [23]. Such statements as “To have the possibility of takeover of a practice with patient base” or “not to have research activity” were classified as not codeable. The categories given for the statements for a career in Primary Care are as follows, listed in decreasing frequency distribution of the positive statements: “Experience in Daily Practice” (48.1%), “Professional Interactions” (34.9%), “Working Conditions” (10.1%), “Private Life” (2.4%), ” Prestige” (0.7%), “Training Conditions” (0.4%), “Meaning” (0.2%), and “Income” (0.2%). Examples of students’ statements in favour of and against a career in Primary Care are shown in (Table 2). In all 1,167 positive answers (93.1%) occupied the first three places in the ranking of all given answers; the ranking was almost the same for men and women (Table 3). There were some gender differences in frequency distribution of the answers: women gave more positive statements in the category, “Working Conditions” (11.5% versus 7.5%; p=0.026), and men named more positive statements in the categories, “Experience in Daily Practice” (52.2% versus 46.1%; p=0.044) and “Prestige” (1.4% versus 0.4%; p=0.032). In the category, “Working Conditions”, more positive statements were given by first-year to fourth-year medical students than by sixth year medical students (13.3% versus 9.0%; p=0.030) (Table 4), and by students without a PCP as parent compared to those with a PCP as a parent (10.8% versus 4.3%; p=0.028). The latter subset of respondents made more positive statements in the category, “Experience in Daily Practice”, than did students without a PCP as parent (58.6% versus 47.0%; p=0.017) (Table 5). In the same category “Experience in Daily Practice”, participants who
Fifth-year medical students were not reached (clerkship students). PCP: Primary Care Physician.

Participants who are deterred from a career as PCP by a meeting with a yet undecided, stated significantly more positive statements than did influenced their career choice but do not aspire to become PCP or are indicated that the meeting with a PCP during their studies positively influenced their career choice but do not aspire to become PCP or are yet undecided, stated significantly more positive statements than did participants who are deterred from a career as PCP by a meeting with a PCP (51.6% versus 40.9%; p=0.010).

Table 1: Demographics of 414 participants.

| Category                          | Total N=414 | First- to fourth year students N=112 | Sixth-year students N=302 |
|-----------------------------------|-------------|--------------------------------------|---------------------------|
| Age (years), median(range); (3 missing values) | 25 (18-48) 22 (18-48) 26 (23-41) |
| Gender                            |             |                                      |                           |
| Female                            | 270 (65.2%) | 74 (66.1%) 38 (33.9%)                | 196 (64.9%)               |
| Male                              | 144 (34.8%) |                                       | 106 (35.1%)               |
| Year of medical school            |             |                                      |                           |
| 1                                 | 9 (2.2%)    | 9 (8.0%)                             |                           |
| 2                                 | 29 (7.0%)   | 29 (25.9%)                           |                           |
| 3                                 | 48 (11.8%)  | 48 (42.9%)                           |                           |
| 4                                 | 26 (6.3%)   | 26 (23.2%)                           |                           |
| Final year (year 6)               | 302 (72.9%) |                                       | 302 (100%)                |
| Aspired career to                 |             |                                      |                           |
| PCP                               | 118 (28.5%) | 49 (43.8%)                           | 69 (22.8%)                |
| Total                             | 59/414 (14.3%) | 8/112 (7.1%) | 51/302 (16.9%) |
| Female                            | 40/270 (14.8%) | 5/74 (6.8%) | 35/196 (17.9%) |
| Male                              | 19/144 (13.2%) | 3/38 (7.9%)  | 16/106 (15.1%) |
| Specialist in practice            | 80 (19.3%)  | 20 (17.9%)                           | 60 (19.9%)                |
| Hospital care                     | 135 (32.6%) | 31 (27.7%)                           | 104 (34.4%)               |
| Academic care                     | 15 (3.6%)   | 2 (1.8%)                             | 13 (4.3%)                 |
| Health administration             | 2 (0.5%)    | 1 (0.9%)                             | 1 (0.3%)                  |
| Other                             | 5 (1.2%)    | 1 (0.9%)                             | 4 (1.3%)                  |
| Are Parents PCPs? (3 missing values) | 374 (91.1%) | 104 (92.9%)                           | 270 (90.3%)               |
| No                                | 6 (1.4%)    | 2 (1.8%)                             | 4 (1.3%)                  |
| Yes, mother                       | 26 (6.3%)   | 6 (5.4%)                             | 20 (6.7%)                 |
| Yes, father                       | 5 (1.2%)    | 0 (0)                                | 5 (1.7%)                  |
| Yes, father and mother            |             |                                      |                           |

PCP: Primary care physician.

Table 2: Examples of students’ statements in favour of and against a career in Primary Care.

Statements in favour of a career in Primary Care
1. Daily contact with a broad spectrum of diseases
2. "Diversified medical knowledge needed to make initial diagnosis"
3. "No internal competition compared to the hospital setting"
4. "Possibility to create one's own working climate"
5. "Intensive and personal doctor-patient relationship over a longer time period"
6. "Integrated and life-relevant patient care"
7. "Diversified activities in a small team"
8. "Possible to have time for family work" (9.1%)
9. More time available for individual plans for the future
10. "A family compatible field in medicine with the possibility of practice and living at the same place"
11. "Possibility to have time for family work"
12. "The current emergency medical service hampers the planning ability of leisure time"
13. "Slave of the public due to the expectation of being permanently available"
14. "Interesting cases frequently have to be referred to specialists"
15. "Burden due to recurring job routine"
16. "Increasing risk of bad decisions due to cost- and time pressure"
17. "Absence of challenging interventions"
18. "Too personal contact with patients"
19. "Increasingly unrealistic patients' Expectations"
20. "A small team with very few possibilities for exchange"
21. "A lot of psychosomatic or psychiatrically conspicuous patients"
22. "Long and energy-consuming work hours and presence time"
23. "Development of health care politics with increasing governmental and health economic restrictions"
24. "Professional dead end, loneliness"
25. "Development of education in primary care politics with increasing governmental and health economic restrictions"
26. "Advantageous health politics (ongoing moratorium on accreditation of new practices, national relative value scale for remuneration TARMED)"
27. "Disadvantageous health politics (ongoing moratorium on accreditation of new practices, national relative value scale for remuneration TARMED)"
28. "Anybody can become a PCP without a selection of candidates"
29. "Financial uncertainty will increase in the near future"
30. "Financial disadvantage compared to Specialists"
31. "Continuing anxiety about the economic prospects of the practice"
32. "Financial disadvantage compared to Specialists"
33. "Continuing anxiety about the economic prospects of the practice"
34. "No strong clinic business, but individual working in a small team"
35. "No strong clinic business, but individual working in a small team"
36. "No strong clinic business, but individual working in a small team"
37. "No strong clinic business, but individual working in a small team"
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97. "No strong clinic business, but individual working in a small team"
98. "No strong clinic business, but individual working in a small team"
99. "No strong clinic business, but individual working in a small team"
100. "No strong clinic business, but individual working in a small team"

Statements against a career in primary care

In the ranking of negative statements there were some differences between male and female students: Women ranked the category, "Working Conditions", first and "Experience in Daily Practice" second, whereas men ranked the latter category first, "Income" second, and...
put "Working Conditions" in third place. Even not significant, more negative statements were given in the category, "Working Conditions", by women than by men (Table 3). Sixth-year medical students gave more negative statements in the category, "Working Conditions", than did first-year to fourth-year students (26.2% versus 20.7%; p=0.048). Furthermore, there are significant differences for statements against a career in Primary Care given by participants who are not interested to pursue a career in Primary Care in two categories: Sixth-year medical students made significantly more critical statements vis-à-vis "Working Conditions" (25.7% versus 19.8%; p=0.044), and first to fourth year students made significantly more statements against a career in Primary Care in the category, "Professional Interactions" (5.5% versus 2.8%; p=0.039). In all other categories there were almost no differences regarding the statements of students of various study years. The statements against a career in Primary Care did not differ significantly between participants with and without a parent who is a PCP (Table 5).

To become a PCP or not

Of the 414 participants, 59 (14.3%) intend to become a PCP (first-year to fourth-year students: 7.1% versus sixth-year medical students 16.9%; p=0.012), and 355 (85.7%) indicated no interest to do so. There was no significant gender difference concerning a career aspiration in Primary Care, but a trend (male 9.7% versus female 16.7%; p=0.054). Students with a PCP as a parent do not choose Primary Care as a career more often than do other participants. The frequency distribution of given statements for a career in Primary Care differed in the category, "Further Training Conditions", significantly between those who would become a PCP and those who would not (1.5% versus 0.2%; p=0.006). There were significant differences in statements against a career in Primary Care in the category, "Experience in Daily Practice", where more negative statements were given by those who would not become a PCP (26.1% versus 15.9%; p=0.003), and in the category, "Income", where more negative statements were given by those who would become a PCP (29.1% versus 21.6%; p=0.026) (Table 6).

Discussion

For the first time we used a quantitative content analysis approach to analyse students’ interest in a career in Primary Care [23], yielding eight different answer categories. The top-ranked categories, "Experience in Daily Practice" and "Professional Interactions" accounted for more than 80% of all positive statements. The top-ranked negative category was "Working Conditions" (24.8%); only every seventh student aspired to become a PCP. The analysis of students’ statements revealed only few differences depending on gender, year of study and the interest to become a PCP or not.

The survey took place in a time when a clear and urgent need to save the profession of the PCP already loomed in industrialised nations [15,21]. Indeed, PCPs are an "endangered species" due to ageing of the population, coupled with the fact that there is steadily waning interest in becoming a PCP among the younger generation in Western countries. Working in a challenging field, PCPs are condemned to struggle due to reduced economic resources and room for development coupled with increasing demands and work [8]. The most-frequently given argument categories in favour of a career in Primary Care were

| Category               | Statements in favour of a career in Primary Care | Statements against a career in Primary Care |
|------------------------|-------------------------------------------------|--------------------------------------------|
|                        | Men     | Women    | P*    | Men     | Women    | P‡    |
| Experience in Daily Practice | 217 (52.2) | 386 (46.1) | 0.044 | 107 (25.5) | 200 (24.1) | 0.600 |
| Professional Interactions  | 135 (32.5) | 302 (36.1) | 0.204 | 15 (3.6) | 28 (3.4) | 0.859 |
| Working Conditions       | 31 (7.5) | 96 (11.5) | 0.026 | 91 (21.7) | 219 (26.4) | 0.219 |
| Private Life             | 9 (2.2) | 21 (2.5) | 0.706 | 16 (3.8) | 39 (4.7) | 0.466 |
| Prestige                 | 6 (1.4) | 6 (0.7) | 0.032 | 37 (8.6) | 66 (8.0) | 0.007 |
| Further Training Conditions | 2 (0.5) | 3 (0.4) | 0.746 | 40 (9.5) | 69 (8.3) | 0.478 |
| Meaning                  | 2 (0.5) | 1 (0.1) | 0.218 | 1 (0.2) | 1 (0.1) | 0.624 |
| Income                   | 0 (0) | 3 (0.4) | 0.222 | 100 (23.8) | 184 (22.2) | 0.520 |
| Not codeable             | 14 (3.4) | 22 (2.6) | 0.462 | 13 (3.1) | 23 (2.8) | 0.749 |
| Total                    | 416 (100) | 837 (100) |        | 420 (100) | 829 (100) |        |

Values in parentheses are percentages. *χ² test.

| Category               | Statements in favour of a career in Primary Care | Statements against a career in Primary Care |
|------------------------|-------------------------------------------------|--------------------------------------------|
|                        | 1st to 4th-year | 6th-year | P*    | 1st to 4th-year | 6th-year | P‡    |
| Experience in Daily Practice | 146 (45.1) | 457 (49.2) | 0.200 | 82 (25.7) | 225 (24.2) | 0.588 |
| Professional Interactions  | 105 (32.4) | 332 (35.7) | 0.279 | 16 (5.0) | 27 (2.9) | 0.074 |
| Working Conditions       | 43 (13.3) | 84 (9.0) | 0.030 | 66 (20.7) | 244 (26.2) | 0.048 |
| Private Life             | 12 (3.7) | 18 (1.9) | 0.073 | 13 (4.1) | 42 (4.5) | 0.741 |
| Prestige                 | 4 (1.2) | 5 (0.5) | 0.746 | 28 (8.0) | 75 (8.1) | 0.690 |
| Further Training Conditions | 1 (0.3) | 4 (0.4) | 0.106 | 35 (11.0) | 74 (8.0) | 0.100 |
| Meaning                  | 2 (0.6) | 1 (0.1) | 0.106 | 3 (0.8) | 1 (0.1) | 0.427 |
| Income                   | 1 (0.3) | 2 (0.2) | 0.767 | 69 (21.6) | 215 (23.1) | 0.584 |
| Not codeable             | 10 (3.1) | 26 (2.8) | 0.790 | 9 (2.8) | 27 (2.9) | 0.940 |
| Total                    | 324 (100) | 929 (100) |        | 319 (100) | 930 (100) |        |

Values in parentheses are percentages. *χ² test.
almost the same for all participants, regardless of study year and career aspiration, with significant more positive statements given by PCP progenies in the category, "Experience in Daily Practice". Sixth-year students and younger medical students obviously like to care for people and to combine intellectual knowledge and practical skills for the patients’ treatment. The intention “Helping people” is one of four generic motivation factors described by McManus et al. which was already found in the very beginning of one’s career in medicine, among medical school applicants [24], and which remains stable throughout the residency [4]. Therefore, it seems that these positive statements are not necessarily typical for Primary Care, but statements which apply to any specialty in medicine. Male participants, Primary Care progenies, and sixth-year medical students gave significantly fewer positive statements in the category, "Working Conditions". Although some authors have shown that clinical exposure was critical for the aforementioned statements: besides the unfavourable working conditions, there are, above all, negative statements in the category, "Income", with significantly fewer negative statements of participants rejecting PCP as a career than do younger students, and besides the curtailed freedom of action, there are, above all, negative statements in the category, "Income", with significantly fewer negative statements of participants rejecting PCP as a career than of others. The latter are concerned about low income and assess the remuneration as a deterrent for PC as a career; but it seems that students who judge Primary Care as important have low income expectations and are settled for a breadth of knowledge with a narrow room of action at the same time [31], apparent with the most striking difference between participants aspiring to become a PCP and those who do not, with significantly fewer negative statements in the category, "Experience in Daily Practice", for PCP aspirants. A gender stereotype was not detectable in our study.

The statements against a career in Primary Care might highlight the aforementioned statements: besides the unfavourable working environment, where sixth-year medical students with contacts with Primary Care during one-to-one tutorials give more negative statements than do younger students, and besides the curtailed freedom of action, there are, above all, negative statements in the category, "Income", with significantly fewer negative statements of participants rejecting PCP as a career than of others. The latter are concerned about low income and assess the remuneration as a deterrent for PC as a career; but it seems that students who judge Primary Care as important have low income expectations and are settled for a breadth of knowledge with a narrow room of action at the same time [31], apparent with the most striking difference between participants aspiring to become a PCP and those who do not, with significantly fewer negative statements in the category, "Experience in Daily Practice", for PCP aspirants. A gender stereotype was not detectable in our study.

The majority of students choosing Primary Care as a career decided already at entry to medical school or at the beginning of residency and

### Table 5: Frequency distribution of statements in favour of (n=1,247) and against (n=1,242) a career in Primary Care given by 374 students without a PCP as parents and PCP progenies, and sixth-year medical students gave significantly fewer negative statements of participants rejecting PCP as a career than do younger students, and besides the curtailed freedom of action, there are, above all, negative statements in the category, "Income", with significantly fewer negative statements of participants rejecting PCP as a career than of others. The latter are concerned about low income and assess the remuneration as a deterrent for PC as a career; but it seems that students who judge Primary Care as important have low income expectations and are settled for a breadth of knowledge with a narrow room of action at the same time [31], apparent with the most striking difference between participants aspiring to become a PCP and those who do not, with significantly fewer negative statements in the category, "Experience in Daily Practice", for PCP aspirants. A gender stereotype was not detectable in our study.

The majority of students choosing Primary Care as a career decided already at entry to medical school or at the beginning of residency and
the career intention at entry to medical school even predict speciality career choice [32]. Contrary to others who have shown that there is a significant change of career choice during medical school or residency due either to a lifestyle that is not controllable, to positive clinical exposure, to economics constraints, or to discouragement by a physician [31,33], we found a significantly higher interest in a career in Primary Care in sixth-year medical students than in younger students. Even if each of these interested participants would consistently track his or her career choice throughout the residency, there would still be too few physicians to fill the need for PCPs in the future. Affirmative action should be implemented soon.

Our results should be viewed with some caution. First, we used a cross-sectional design that obviates evaluation of the evolution of career-choice decision-making throughout medical school and the cause-and-effect relationship of attitude to Primary Care with factors, such as candidates’ personalities or other predictive factors for the likelihood of choosing Primary Care. We do not yet know how many of the students will become a PCP later on. Second, there may be some selection bias with our approach of including students from three major German-speaking Swiss medical universities. Thus, our results may not be generalisable to the French-speaking part of Switzerland. Finally, non-response bias cannot be excluded. Unfortunately, an interview with a sample of non respondents to assess their opinions for and against Primary Care was not possible due to the anonymity, with which this survey was conducted. However, the study was conducted on a fairly large number of medical students and the response rate was favourable compared to other surveys [34].

In summary, the qualitative approach has not made apparent any one distinctive category of statements in favour of a career in Primary Care. Nonetheless, the given statements assigned to the different categories have highlighted the difficult and uncertain situation and development of Primary Care regarding health policy and income. With the increasing burden of chronic illness and complexity of medical care, coordinating care across settings and providers will gain particular importance [35]. Therefore, there is an urgent need to increase the attractiveness of Primary Care, with a widening of the PCP professional experiences and a secure remuneration appropriate to specialists’ level. Implementation and extension of one-on-one student-PCP tutorials as one of the most important factors that influence career choice regarding Primary Care and more structured and harmonised curricula in residency is essential. Finally, reduction in the extremely high workload and transformation into a more controllable medical life will be crucial to attract more young physicians to the profession of Primary Care.

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