

Attachment 1: Questionnaire for the assessment of medical professionalism in undergraduate medical education MediProf

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Questionnaire for the assessment of medical professionalism in undergraduate medical education MediProf

Instructions for completing the questionnaire:

- Please use a ballpoint pen only (do not use a pencil).
- Write any free-text responses in block letters.
- Mark the boxes clearly:
- If you make an incorrect selection by mistake, completely fill in the corresponding box and mark your new choice:

Contact persons:

PD Dr. Kambiz Afshar, MME (Project lead)

Tel.: 0511/532-5855 – afshar.kambiz@mh-hannover.de

Dipl.-Psych. Larissa Fey (Research associate)

Tel.: 0511/532-8599 – fey.larissa@mh-hannover.de

Institute for General Practice and Palliative Care (OE 5440)

Hannover Medical School, Carl-Neuberg-Str. 1, 30625 Hannover

Personal and professional background

How old are you? _____ (years)

Which gender do you identify with?

female⁰ male¹ diverse²

In which year of study are you currently enrolled? _____ (year)

Have you already completed vocational training or a degree programme?

yes¹ no⁰

Please enter your completed vocational training or degree programme here:

Do you have previous medical experience (e.g., working as a paramedic, medical assistant, nurse, etc.)?

yes¹ no⁰

Please enter your previous medical experience here, if applicable:

Part 1: Professionalism towards oneself

The following statements relate to how you assess your professionalism towards yourself. Please consider situations from your studies.

To what extent do you agree with the following statements?

	Strongly agree ⁴	Somewhat agree ³	Somewhat disagree ²	Strongly disagree ¹	Cannot assess ⁰
1.1 I am able to identify my reactions, thoughts, and feelings elicited by patients.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 I am aware of my professional responsibilities as a physician.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 I use specific situations from my studies as a starting point for critical self-reflection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 I discuss bottlenecks and mistakes without losing confidence in my own competence.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 I have a realistic assessment of my strengths and weaknesses.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 I am able to maintain a balance between my studies and personal life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7 I am able to identify aspects of my studies that contribute to my satisfaction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8 I am able to cope with the possibility that a fundamental decision I make may not be successful.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.9 I take suggestions from feedback discussions into account.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.10 I am interested in others' opinions about my behaviour.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.11 I allow myself to be evaluated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.12 I am eager to learn (I ask questions and take initiative).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.13 I am able to admit mistakes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.14 I take proactive steps to correct mistakes I have made.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.15 I do not avoid the consequences of a mistake I have made.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.16 I quickly regain my composure after an unpleasant conversation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.17 I am able to cope with challenging situations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Strongly agree ⁴	Somewhat agree ³	Somewhat disagree ²	Strongly disagree ¹	Cannot assess ⁰
1.18 I am able to express my own opinion clearly and confidently.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.19 I reflect on what constitutes good medical practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.20 The further I progress in medical school, the more confident I feel in my role as a physician.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.21 I am able to handle criticism constructively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.22 I reflect on the kind of physician I want to be.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.23 The further I progress in medical school, the more I notice the knowledge gap between myself and a layperson.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.24 I am aware of my limits and can take them into account in my medical practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.25 I know which knowledge gaps I still want to close during my medical studies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.26 I know how to remain calm in challenging situations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.27 I understand my medical role as one of lifelong learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.28 I take time to reflect on myself and my medical practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.29 Physician role models are important for my own medical practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.30 Negative role models help me understand how I do not want to act in my medical role.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.31 I take positive physician role models as examples for shaping my own professional identity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 2: Professionalism towards patients

The following statements relate to how you assess your professionalism towards patients. If you have not yet had contact with patients, please select the response option "Cannot assess."

To what extent do you agree with the following statements?

	Strongly agree ⁴	Somewhat agree ³	Somewhat disagree ²	Strongly disagree ¹	Cannot assess ⁰
2.1 I am able to address difficult topics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 I respect patients' right to have a say in their care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 I am able to express my compassion.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 I am able to deal with patients' feelings of shame.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 I am unbiased toward all patients (e.g., regarding their sexual orientation, social status, or religion).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Maintaining a neat appearance is an especially important part of my professional conduct.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7 I can adapt my language appropriately to the language and understanding of my patients.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8 I can handle gender-specific differences (e.g., in symptom presentation and treatment).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.9 I can handle different patient expectations regarding medical care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.10 I incorporate the medical history of my patients into their care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.11 I take the social situation of my patients into account in their care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.12 I can respond to life events of my patients when necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.13 I respect the self-determination of my patients.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.14 I handle professional confidentiality carefully in conversations with fellow students and acquaintances.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.15 I can separate myself from patients' emotions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.16 I can take interventions that reduce patients' aggression.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.17 I reflect on the possibility that, in my future role as a physician, I may no longer show empathy toward patients because many things have become normalized for me over time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 3: Professionalism towards other healthcare professions

The following statements relate to how you assess your professionalism towards other healthcare professions. Please consider situations both during your studies and in clinical settings, such as on the ward or in practice.

To what extent do you agree with the following statements?

	Strongly agree ⁴	Somewhat agree ³	Somewhat disagree ²	Strongly disagree ¹	Cannot assess ⁰
3.1 I consult professionals from other occupational groups with focused questions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2 I ensure a structured exchange with professionals from other occupational groups.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3 I behave appropriately towards individuals from other professional groups.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4 I can make clear agreements with non-physician colleagues.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5 I am open to suggestions from non-physician colleagues.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6 I can address problems in collaboration with others immediately.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.7 I can handle conflicts in the team constructively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 4: Professionalism towards society

The following statements relate to how you assess your professionalism towards society.
To what extent do you agree with the following statements?

	Strongly agree⁴	Somewhat agree³	Somewhat disagree²	Strongly disagree¹	Cannot assess⁰
4.1 I can bear the consequences of my own actions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2 I can take responsibility for deviating from rules and guidelines.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3 I can justify a decision I make based on scientific evidence.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4 I can explain my own norms and values regarding the use of scientific evidence.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5 I align my medical practice with specific values and norms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6 I can distinguish between private and professional contexts or roles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 5: Professionalisation in medical education

Finally, we would like to know how you experience the topic of “professional development” in relation to your university.

To what extent do you agree with the following statements?

	Strongly agree ⁴	Somewhat agree ³	Somewhat disagree ²	Strongly disagree ¹	Cannot assess ⁰
5.1 I consider the topic of professionalisation in medical education to be very important.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2 I wish that my university would address the topic of professionalisation in medical education even more intensively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3 I think that my university has already sufficiently integrated the topic of professionalisation in medical education.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>