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Discrimination experienced by medical students and physicians

Submission date	**Recruitment status**	[X] Prospectively registered
21/03/2021	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
24/03/2021	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
23/03/2021	Other	[ ] Record updated in last year

Plain English summary of protocol

Background and study aims
Discrimination is a widespread problem in many areas of society. However, the extent of discrimination in medicine has not yet been extensively studied. Therefore, the goal of the study is to conduct an extensive study to get a detailed picture of discrimination in the field of medicine to serve as a first basis to make medicine more inclusive.

Who can participate?
Medical students, residents and physicians world-wide can participate.

What does the study involve?
The study involves completing a questionnaire investigating experienced discrimination in medical school and working as a doctor.
By answering the questions in this study participants can help to document experiences of discrimination in medical school and working as a doctor.
The study is conducted as an online survey. The study can be accessed from every computer with an internet connection.

What are the possible benefits and risks of participating?
No benefits. The risks include bringing back stressful memories about experienced discrimination.

Where is the study run from?
University Hospital of Cologne (Germany)

When is the study starting and how long is it expected to run for?

Who is funding the study?
Investigator initiated and funded

Who is the main contact?
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Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title
Survey on discrimination experienced by medical students and physicians

Acronym
DMSP

Study objectives
To investigate the extent of discrimination in medical education and the daily clinical setting.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Approved 11/03/2021, Ethics Committee University hospital Cologne (Kerpener Str. 62, 50935 Cologne, Germany, +49 221 478 82900; ek-med@uni-koeln.de), ref: 20-1572_1

Primary study design
Observational

Study design
Observational cross sectional

Study type(s)
Other

Health condition(s) or problem(s) studied

Survey on discrimination experienced by medical students and physicians

Interventions
A questionnaire discussing discrimination experienced by medical students and doctors will be conducted.

Participants taking part in the study will receive a link to the online survey. They can then click on the link and complete the online survey, which takes about 30 minutes to complete. The total duration of observation is limited to the online survey. There is no follow-up.

Intervention Type
Behavioural

Primary outcome(s)
The extent of discrimination as measured by the novel questionnaire at a single time point

Key secondary outcome(s)
Measures suggested to improve discrimination measured using the novel questionnaire at a single time point

Completion date
01/05/2022

Eligibility

Key inclusion criteria
1. Medical students
2. Medical residents
3. Medical doctors

Participant type(s)
Health professional

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
Does not meet inclusion criteria

Date of first enrolment
01/04/2021

Date of final enrolment
01/04/2022

Locations

Countries of recruitment
United Kingdom

Brazil

China

France

Germany

Italy

Poland

Portugal

Romania

South Africa

United States of America

Study participating centre
University Hospital of Cologne
Department of visceral surgery
Kerpener Str. 62
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50935

Sponsor information

Organisation
University Hospital Cologne

ROR
https://ror.org/05mxhda18

Funder(s)

Funder type

Not defined

Funder Name
Investigator initiated and funded

Results and Publications

Individual participant data (IPD) sharing plan
The datasets generated during and/or analysed during the current study are not expected to be made available due to confidentiality.

IPD sharing plan summary
Not expected to be made available

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes
Study website	Study website	11/11/2025	11/11/2025	No	Yes