

Dear Ladies and Gentlemen,
Dear UCAN Partners,

we are pleased to invite you to this year's Scientific UCAN Conference under the theme

"Interprofessional Thinking - Teaching, Learning and Testing Interprofessionality".

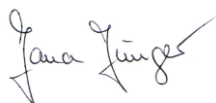
The conference will take place on **28 and 29 September 2023 in Hamburg.**

Climate change, demographic developments, health economic crises, the discussion about digitalisation and the restructuring of health care with a worldwide lack of health professionals are presenting our society with new challenges and require an adaptation and reorientation of education and training in the health professions. The health of people and the planet are at unprecedented risk. Isolated, mono-professional and national approaches are not up to these challenges. The necessary transformation in the health professions requires interprofessional and international alignment in educational outcomes. Good assessments are the most efficient tool for the redesign of curricula, the interprofessional coordination of training objectives and the feedback to trainees and students.

Together with you, we would like to discuss across professional groups in order to strengthen the integration of interprofessional cooperation in the health professions, work on concrete tasks and thus create the basis for achieving the necessary transformation and mastering the new challenges.

We are looking forward to welcoming you in Hamburg and to the exchange together.

With warm regards









Prof. Dr.med. Jana Jünger, MME
Scientific Director



Dipl.-Inform. Med. Konstantin Brass
Managing Director

Thursday, 28 September 2023

Time	Topic
09:00-09:30	Registration
09:30-10:00	Welcome and Greeting Prof. Dr.med. Jana Jünger, MME Prof. Dr.med. Georg H. Lüers
10:00-10:30	Interprofessional Thinking - Teaching, Learning and Testing Interprofessionality Prof. Dr.med. Jana Jünger, MME
10:30-11:00	New developments in the Assessment Network: Master challenges together Dipl.-Inform. Med. Konstantin Brass
11:00-11:15	Discussion
11:15-11: 45	Coffeebreak
11:45-13:30	Presentations in the plenum
	Change Management: Introduction of a tablet-based OSCE on Planetary Health Prof. Dr.med. Ulf Teichgräber, MD, MBA
	„Interprofessional training wards: How do we test what is actually learned?“ - Examine the success of learning in working environment with EPAs Dr. med. Swantje Wienand, MME
	Interdisciplinary examination for Public Health and Population Medicine PD Dr. Nicolai Savaskan, MBA, MPH
	Exam preparation with Chat GPT - Opportunities and challenges Dr.med. Stefan Bushuven, MME, M.A., DESA, EDIC
	Interprofessional Education on Health Digitization: A Novel Elective Module in Diverse Health Care Programs Prof. Dr. Jürgen Kupper, Ph.D, Prof. Dr. rer. nat. habil. Britta Wulfhorst
	Activities of the Students' Digital Medicine Working Group Gürcan Mustafa Özden



13:30-14:30		Lunchtime (Working Group: Examinations in accordance with the new licensing regulations - closed session)
14:30-16.00		Workshop Block I
WS 1 Room: 2.08	Creating EPAs: An Interprofessional Approach Prof. Dr.med. Jana Jünger, MME	
WS 2 Room: 1.04	Interprofessional creation of EPAs for interprofessional training wards and ambulatory settings Dr.med. Swantje Wienand, MME, Dr. Nicolai Savaskan	
WS 3 Room: 2.10	Interprofessional MC-Questions on Patient Safety Dr. med. Stefan Bushuven, MME, M.A., DESA, EDIC	
WS 4 Room: 2.11	How to create good MC-Questions Dr. Mohamad Faizul Abu Hanifa, Dipl.-Päd. Anna Mutschler	
WS 5 Room: 1.02	Pitfalls, the Worst-Case, Lessons Learned, What To Do and some Cakes Dipl.-Inform. Med. Jörn Heid	
WS 6 Room: 1.03	Designing exams in a legally secure way in times of ChatGPT + AI, Part I (this workshop will be held in German) Dr. Philip Verenkotte	
16.00-16:30		Coffeebreak
16:30-17.00	Presentation of the results and conclusion	
17:15-18:00	UCAN Advisory Board Meeting (closed session)	
20:00		Evening event (registration required)



Friday, 29 September 2023

Time	Topic
09:00-09:30	<p>Welcome N.N.</p> <p>Planetary Health and Health Competence: Strategies for Health Policy N.N.</p>
09:30-09:50	<p>The climate crisis - a medical emergency Prof. Dr.med. Jana Jünger, MME</p>
09:50-10:10	<p>Planetary Health and Patient Safety: an Asian perspective Dr. Mohamad Faizul Abu Hanifa</p>
10:10-10:30	<p>Planetary Health and Mental Health Prof. Dr. rer. nat. Sebastian Ocklenburg</p>
10:30-10:45	Coffeebreak
10:45-11:05	<p>Planetary Health and Public Health PD Dr.med. Peter Tinnemann</p>
11:05-11:25	<p>Strengthening Planetary Health through Guideline Competencies Prof. Dr.med. Ulf Teichgräber, MD, MBA</p>
11:25-11:40	<p>„Planetary Health -Students ‘Activities ‘ Nadja Moser</p>
11:40-12:00	Coffeebreak
12:00-13:30	Workshop-Block II
WS 1 Room: 2.08	<p>Designing OSCE Stations on Mental Health, Planetary Health and Digital Medicine Prof. Dr.med. Jana Jünger, MME, N.N.</p>
WS 2 Room: 2.11	<p>Planetary Health: International ProgressTest and Benchmark Test Dr. Mohamad Faizul Abu Hanifa, Don Claudio Umesh MD, MScIH</p>
WS 3 Room: 1.04	<p>Promoting climate and health literacy among pupils - What consultation skills on the topics of "climate and health" could health professionals assume? Dipl.-Päd. Anna Mutschler</p>



WS 4 Room: 2.10	DID-ACT (developing, implementing, and disseminating an adaptive clinical reasoning curriculum for healthcare students and educators) plus Assessment Dr. Judith Schimann
WS 5 Room: 1.02	Test statistics and Feedback Dipl.-Inform. Med. Konstantin Brass
WS 6 Room: 1.03	Designing exams in a legally secure way in times of ChatGPT + AI, Part II (this workshop will be held in german) Dr. Philip Verenkotte
13:30-14:00	Lunchtime
14.00-14.30	Prospects and conclusions



Keynote-Speakers, Speakers and Moderators

Dipl.-Inform. Med. Konstantin Brass

Managing Director, Institute for Communication and Assessment Research, Heidelberg

Dr. med. Stefan Bushuven MME MA DESA EDIC

Head Senior Physician Anaesthesiology, Hospital Hygiene, Gesundheitsverbund Landkreis Konstanz (GLKM)

Dr. Judith Schimann

EDU, Berlin

Gürcan Mustafa Özden

German Medical Students' Association (bvmd)

Dipl.-Inform. Med. Jörn Heid

Institute for Communication and Assessment Research, Heidelberg

Mohamad Faizul Abu Hanifa

University of Malaya, Kuala Lumpur, Malaysia

Prof. Dr.med. Jana Jünger, MME

Scientific Director, Institute for Communication and Assessment Research, Heidelberg

Prof. Dr. Jürgen Kupper, Ph.D

Professor for Medical Didactics and E-Learning, MSH Medical School Hamburg

Prof. Dr.med. habil. Georg Lüers

Professur for Anatomy / Biology, MSH Medical School Hamburg

Nadja Moser

German Medical Students' Association (bvmd)

Dipl.-Päd Anna Mutschler

Institute for Communication and Assessment Research, Heidelberg

Prof. Dr. rer. nat. Sebastian Ocklenburg

Professor for Research Methods, Department Psychology, MSH Medical School Hamburg

PD Dr. Nicolai Savaskan. MBA, MPH

Head of the Health Department Berlin-Neukölln

Prof. Dr.med. Ulf Teichgräber, MD, MBA

Dean of Studies of the Medical Faculty Jena

PD Dr.med. Peter Tinnemann

Head of the Health Department Frankfurt

Dr. med. Swantje Wienand, MME

Gesundheit Nord gGmbH, Klinikverbund Bremen

Prof. Dr. rer. nat. habil. Britta Wulfhorst

Prorector for Studies and Teaching, MSH Medical School Hamburg

Dr. Philip Verenkotte

Prof. Dr. Birnbaum Rechtsanwaltskanzlei GmbH, Siegburg



Workshop-Block I
Thursday, 28 September 2023

Workshop 1: Creating EPAs: An Interprofessional Approach

Prof. Dr.med. Jana Jünger, MME

Content: Development of Entrustable Professional Activities (EPAs) are becoming increasingly important as workplace-based assessments in the education of healthcare professions as well as in their continuous education. A new working group in the UCAN network is developing inter-disciplinary EPAs for the adoption of various practical scenarios (e.g., clerkships, practical year and continuous education). General EPAs, e.g., in the field of patient admission or hygiene, should be developed to include and empower the involvement of the various professional groups. In this workshop we will present principles of the development of EPAs and identify distinct areas where general EPAs should be coordinated in mutual agreement between healthcare professionals. Subsequently, we will explore the digital implementation of EPAs in the UCAN network to support our efforts.

Take-Home Message: The development of general EPAs supports trainees and teachers in different contexts and promotes constructive coordination. General EPAs should be aligned between disciplines and professional groups.

Target group: Healthcare professionals interested in the development and application of EPAs



Workshop 2: Interprofessional creation of EPAs for interprofessional training wards and ambulatory settings

Dr.med. Swantje Wienand, MME, PD Dr. Nicolai Savaskan. MBA, MPH

Content: Introduction presentation „Interprofessional trainingward: construction and interaction (Example BIPSTA, Bremen).

Take-Home Message: Ways of measuring the success of learning in working environment with EPAs.

Target group: Supervisors and members of interprofessional training sessions (incl. planned sessions), Examiners, Interprofessional working personal

Workshop 3: Interprofessional MC-Questions on Patient Safety

Dr.med. Stefan Bushuven, MME, M.A., DESA, EDIC

Content:

Take-Home Message:

Target group:

Workshop 4: How to create good MC-Questions

Dr. Mohamad Faizul Abu Hanifa, Dipl.-Päd. Anna Mutschler

Content: This session is meant to help participants improve their skills in creating high-quality multiple-choice questions (MCQs) for educational evaluations in medical education assessments. MCQs are a common assessment style that enables the efficient evaluation of knowledge and understanding across a wide range of subjects. Creating good MCQs, on the other hand, necessitates careful consideration of question structure, content alignment, and item difficulty. This course will provide practical advice and tactics for creating well-designed multiple-choice questions that effectively assess learners' comprehension and stimulate critical thinking.

Take-Home Message: The participants get to learn and practice the essential skills to create good multiple-choice questions.

Target group: Teachers, assessment writers and curriculum developers



Workshop 5: Pitfalls, the Worst-Case, Lessons Learned, What To Do and some Cakes

Dipl.-Inform. Med. Jörn Heid

Content: This workshop will identify possible stumbling blocks that can occur when using the UCAN apps to conduct examinations. Real-life examples will be used to show which tips should be given special attention and why warnings should not be ignored in order to avoid problems in advance. This concerns both technical and organisational issues such as the admission of students, the login process as well as the infrastructure within the institutions. Furthermore, it will be shown how to deal with errors after they have occurred and how to correct them if necessary.

Take-Home Message: Participants will learn how to interpret warnings correctly, how to adapt the workflow for tablet-based exams (tOSCE/tEXAM) and strategies to deal with erroneous data.

Target group: Interested and advanced users of the tEXAM/tOSCE apps.

Workshop 6: Designing exams in a legally secure way in times of ChatGPT + AI, Part I + II (this workshop will be held in German)

Dr. Philip Verenkotte

Content: This workshop will discuss exams from a legal perspective. German administrative law imposes a number of requirements that must be met. Special forms of examinations, such as multiple-choice examinations or OSPE/OSCE examinations, often involve legal pitfalls against this background. In addition, there are current challenges and legal issues due to the development of ChatGPT and AI in general - related to both the design and the assessment of examination performance and the detection of cheating attempts. Part I of this workshop series will cover the basics of exam law; Part II, which will take place on Friday, will focus on specific issues in the design of different forms of exams and challenges and opportunities presented by ChatGPT and other forms of AI.

Take-Home Message: participants will

- understand the requirements of German administrative law for exams
- know the stumbling blocks of specific forms of exams
- know the main approaches to solving these problems
- be able to recognize the impact of ChatGPT and AI in general on examination law, and
- learn how to design and conduct exams in a legally compliant manner



Target group: The target group is all persons involved in teaching who are responsible for the design, implementation or evaluation of examinations at a university, college or training institution.

Note: This workshop covers both conference days. Participants of Workshop Part I will automatically be assigned to Workshop Part II.



Workshop-Block II.

Friday, 29 September 2023

Workshop 1: Designing OSCE Stations on Mental Health, Planetary Health and Digital Medicine

Prof. Dr.med. Jana Jünger, MME, N.N.

Content: Learn to develop integrated OSCE stations for complex interdisciplinary scenarios. Together we will design and create relevant and evidence-based OSCE stations. These include complex scenarios with a multi-level approach that measure the performance of planetary health, professional content, competencies in communication, and practical skills in different proportions simultaneously. The principles of developing OSCE stations will be explored and developed step-by-step using examples of actual OSCE stations through small

Take-Home Message: OSCE stations that map the performance measurement of different competencies based on specific tasks in the healthcare professions allow for multiple grading. Mapping the relevance of an OSCE station in the anchor criteria and sample solution increases the benefit for students and trainees as well as curriculum developers.

Target group: Examiners of practical assessments and assessment developers.

Workshop 2: Planetary Health: International ProgressTest and Benchmark Test

Dr. Mohamad Faizul Abu Hanifa, Don Claudio Umesh MD, MScIH

Content: The goal of the seminar "Planetary Health: International Progress Test and Benchmark Test" is to look into the delicate relationship between human well-being and the general health of our planet. Planetary health, as a multidisciplinary field, recognises the interconnected nature of human health and the environment in which we live, emphasising the significance of sustainable development



and conservation efforts. Participants will get an understanding of the critical role that progress testing and benchmark testing play in keeping-up with the advancements and effectiveness of global efforts to address planetary health concerns. Additionally, participants will also be able to explore planetary health topics that may be included in medical education assessments.

Take-Home Message: The participants get to delve into the themes of planetary health and be inspired to include them in medical education assessments.

Target group: Teachers, researchers, and curriculum developers

Workshop 3: Promoting climate and health literacy among pupils - What consultation skills on the topics of "climate and health" could health professionals assume?

Dipl.-Päd.ⁱⁿ Anna Mutschler

Content: Teaching health literacy is an important part of school education, as is addressing the health challenges of climate change. Nevertheless, health and climate literacy are not taught to a sufficient extent and often in an uncoordinated manner in the classroom. Moreover, to the best of our knowledge, no catalogue of health and climate literacy objectives exists either in German-speaking countries or in other countries. The aim of this workshop is to exchange information about the consultation competence in the field of "climate and health" in health professions, to define it and to identify inter-professional interfaces as well as to jointly formulate initial learning objectives for health and climate competence for pupils. Furthermore, it will be discussed how the structure of a catalogue of learning objectives for pupils could be developed.

Take-Home Message: participants will

- define the consulting competence of their occupational group on the topic of "health and climate"
- identify interfaces of their consulting competence with other occupational groups
- develop learning objectives on health and climate competence for pupils
- discuss the structure of a catalogue of learning objectives for pupils

Target group: Health Professions, Teachers, researchers, and curriculum developers



Workshop 4: DID-ACT (developing, implementing, and disseminating an adaptive clinical reasoning curriculum for healthcare students and educators) plus Assessment

Dr. Judith Schimann

Content: Errors and adverse events present a major problem in the health sector, and this has been recognized for years already. In fact, the WHO estimates the number of errors and adverse events in the EU cause 8 to 12% of hospitalization (1). Therefore, better clinical reasoning is needed. Clinical reasoning encompasses health professionals' thinking and acting in assessment, diagnostic and management processes in clinical situations taking into account the patient's specific circumstances and preferences.

Although this is a key competence in health professions, in a needs analysis performed, only very minor explicit teaching in clinical reasoning was found. Therefore, the DID-ACT Project aimed at creating an adaptable, longitudinal and interprofessional curriculum on clinical reasoning to help fill this needs gap. This workshop will aim to raise awareness of the various aspects of clinical reasoning education and how this content can be accessed and used by any institution.

Take-Home Message: Let us together fill this knowledge gap and get introduced to the clinical reasoning education resources available, adopt it in a step-wise approach and integrate it into existing courses of educational institutions. Both patients and the healthcare industry would benefit from healthcare workers having more advanced clinical reasoning skills, with the long term aim of reducing errors and avoidable adverse events.

Target group: : Target groups are educators, healthcare professionals, students and faculty staff who can benefit from the clinical reasoning curriculum and the train-the-trainer course. For researchers the curriculum offers a great potential to address open research questions in clinical reasoning teaching.

Citation:

(1) *Patient Safety: Progress Made, More Needed European Commission Press Release: Brussels, Belgium, 19 June 2014. [(accessed on 1 August 2020)]; Available online: https://ec.europa.eu/commission/presscorner/detail/en/IP_14_694*

Workshop 5: Test statistics and Feedback

Dipl.-Inform. Med. Konstantin Brass

Content: This workshop offers an introduction to the characteristics of test statistics. What is behind the terms difficulty, discriminatory power and reliability? How do I interpret the results? What are the consequences for the curriculum? Using real case studies, we will analyse the response behaviour and how you can create future exams using the characteristics of test statistics. Following this introduction, we will take a look at the Examiner³ together and train how to use it safely.

Target group: This workshop is addressed to users who want to learn how to use Examiner³.

Workshop 6: Designing exams in a legally secure way in times of ChatGPT + AI, Part I + II (this workshop will be held in German)

Dr. Philipp Verenkotte

Content: This workshop will discuss exams from a legal perspective. German administrative law imposes a number of requirements that must be met. Special forms of examinations, such as multiple-choice examinations or OSPE/OSCE examinations, often involve legal pitfalls against this background. In addition, there are current challenges and legal issues due to the development of ChatGPT and AI in general - related to both the design and the assessment of examination performance and the detection of cheating attempts. Part I of this workshop series will cover the basics of exam law; Part II, which will take place on Friday, will focus on specific issues in the design of different forms of exams and challenges and opportunities presented by ChatGPT and other forms of AI.

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- know the main approaches to solving these problems,
- be able to recognize the impact of ChatGPT and AI in general on examination law, and
- learn how to design and conduct exams in a legally compliant manner.

Target group: The target group is all persons involved in teaching who are responsible for the design, implementation or evaluation of examinations at a university, college or training institution.

Note: This workshop covers both conference days. Participants of Workshop Part I will automatically be assigned to Workshop Part



Registration and Organisation

Registration is possible from now until **15 September 2023**.

Please use the [registration portal](#)

Participation fees:	Non-UCAN partners:	260 €
	UCAN partners:	140 €
	Students:	50€
Contact:	Sofia Gelashvili E-Mail: s.gelashvili@cares.institute	

Conference Venue

MSH Medical School Hamburg
University of Applied Sciences and Medical
University
Großer Grasbrook 15-17
Entrance: KLU Großer Grasbrook 17
20457 Hamburg

Evening event

VLET in der Speicherstadt
Am Sandtorkai 23-24
20457 Hamburg