

Attachment 1: Questionnaire E-Learning V 1.0

1. General information

Date: _____

Gender: male female diverse

Study semester: 1. 2. 3. 4. 5. 6. 7. 8. 9.

Age (years): < 20 21 – 23 24 – 26 > 26

1. Questions on individual e-learning profile

	yes	no
1.1 Have you already gained experience with e-learning offers (learning platforms, lecture recordings, teaching videos, etc.) outside of your studies (e.g. during your school time, training, private educational training, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>

If so, where and in what form?

	Daily	Weekly	Monthly	Occasionally (e.g. before exams)
1.2 How often do you use the current e-learning offers in dental education?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.3 Which teaching media do you think are best for learning?

Textbooks	<input type="checkbox"/>
Lectures	<input type="checkbox"/>
E-Learning offers	<input type="checkbox"/>

1.4 Which end devices are you most likely to use for learning?

Tablet	<input type="checkbox"/>
Smartphone	<input type="checkbox"/>
Laptop/Desktop	<input type="checkbox"/>

1.5 Please choose which digital components you use and for what purpose.	Private	For learning purposes	Both	Not at all
E-Mail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video conferencing (e.g. Skype)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wikis (e.g. wikipedia)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Google Docs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Audio/Video Podcast	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
YouTube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Facebook	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Twitter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Learning platform (e.g. Ilias)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Educational games (Games, Simulationen)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forums	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instagram	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.6 Which systems have you already worked with for learning purposes?	Yes	No		
Learning platform (e.g. Ilias)	<input type="checkbox"/>	<input type="checkbox"/>	If yes, which learning platform systems have you already used?	
Video conferencing, webinars (e.g. Adobe Connect, Zoom)	<input type="checkbox"/>	<input type="checkbox"/>	If yes, which of these services did you use for learning purposes?	
Wikis (e.g. Wikipedia)	<input type="checkbox"/>	<input type="checkbox"/>		
Systems for document creation and joint editing (e.g. Google Docs)	<input type="checkbox"/>	<input type="checkbox"/>		
Communication services (e.g. Skype, Whatsapp)	<input type="checkbox"/>	<input type="checkbox"/>	If yes, which communication services did you use for learning purposes?	
Social Media (e.g. Facebook, Twitter, Instagram)	<input type="checkbox"/>	<input type="checkbox"/>	If yes, which social media services did you use for learning purposes?	
Cloud services for document exchange (e.g. Dropbox)	<input type="checkbox"/>	<input type="checkbox"/>		
Databases for researching international scientific articles (e.g. Pubmed)	<input type="checkbox"/>	<input type="checkbox"/>		

Digital services of Freiburg University Library (e.g. Katalog Plus)	<input type="checkbox"/>	<input type="checkbox"/>		
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1.7 The following statements describe different types of learning strategies. To what extent do they apply to the way you learn?

	Do not agree at all	Agree a little	Agree in part	Pretty much agree	Fully agree
I like to study alone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I can motivate myself to learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Digital teaching media support my learning process (e.g. videos)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I think of concrete examples to which I can apply the material to be learned.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I make diagrams and illustrations to structure the learning material.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I try to visualise things.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I find illustrations helpful for learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Assessing the scope of eLearning today and in the future

2.1 How do you assess the possibilities of e-learning for dental education?

	Do not agree at all	Agree a little	Agree in part	Pretty much agree	Fully agree
The e-learning offer is a quality factor for university teaching.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E-learning gives educational opportunities which I can use in parallel with work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E-learning experience, media and information competence will be an advantage to me in my (future) professional life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The use of technology-supported media and methodology enriches classroom teaching.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The growing range of online content allows a more flexible approach to face-to-face teaching.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E-learning offers would help me to organize my study time better.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional e-learning offers overwhelm me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Concrete wishes, problems and ideas

3.1 What are your concrete wishes, problems and ideas on this topic?

	Do not agree at all	Agree a little	Agree in part	Pretty much agree	Fully agree
I am satisfied with the quality of the e-learning offers so far.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In the future. I would like to see more face-to-face meetings supplemented by online offerings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In the future. I would prefer online courses to face-to-face courses.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compared to the face-to-face lectures. I find the quality of the e-learning offerings better.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would prefer lecture recordings to frontal lectures and would like to implement other didactic methods (practical exercises. group work. patient treatment) in the attendance time that is freed up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would like to see the frontal lectures of classroom teaching supplemented by lecture recordings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am motivated to use future e-learning offers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.2 Which media type would you prefer to use for which specific learning purpose? (Multiple answers possible)

	Theoretical basic knowledge (e.g. anatomy, aetiology)	Treatment-related theory (e.g. material properties, patient communication)	Basics of dental treatment (ergonomics, professional tooth cleaning)	Further treatment (e.g. complex case planning, surgery, implantology)	Knowledge check (e.g. written exams, practical exams)
Textbooks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lectures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lecture records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E-Books	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Videos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Digitale patient cases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animations/simulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Educational games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Podcasts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Online mock exams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E-Portfolios	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other interactive media (which ones?)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.3 For which teaching contents would you wish for additional online offers?

- Exam preparation
- Course preparation
- Follow-up to the course
- Preparation for the practical exam
- Other

3.4 Please rate the following statements about the learning platform system Ilias.

	Do not agree at all	Agree a little	Agree in part	Pretty much agree	Fully agree
The content of dental teaching is clearly presented on the learning platform and easy to find.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The content on the learning platform system is complete.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would like to see the semester-based division of the teaching content maintained.					
With regard to navigation on the learning platform, I would like to have access to the respective teaching content starting from a patient case.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would like to see a topic-oriented listing of the contents independent of the subject element.					

3.5 Please rate the following teaching strategies.

	Do not agree at all	Agree a little	Agree in part	Pretty much agree	Fully agree
First, theoretical basics should be taught in the form of lectures and scripts. before these are deepened and applied to digitally prepared patient cases.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I consider the teaching of theoretical content through e-learning offers (in addition to lectures/e-lectures) to be useful.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.6 Please rate the following statements.

	Do not agree at all	Agree a little	Agree in part	Pretty much agree	Fully agree
Based on digitally prepared patient cases. the individual basics are to be worked out in a topic-specific manner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Personal Feedback

4.1 For which dental teaching content / topics would you like to see more media offers (e.g. videos showing surgical techniques)?

4.2 Please let us know any further wishes / ideas / suggestions.