

**What is the current status of student training in preclinical and clinical endodontology in Germany and German-speaking countries?**

<b>I. General Information</b>						
1. Please tick which course you are evaluating: <ul style="list-style-type: none"> <li><input type="radio"/> Phantom course in Operative Dentistry (Simulation course)</li> <li><input type="radio"/> Course I in Operative Dentistry (Patient course)</li> <li><input type="radio"/> Course II in Operative Dentistry (Patient course)</li> </ul>						
<b>Mean students</b> <b>Std.dev. students</b> <b>Min. students</b> <b>Max. students</b> <b>Median students</b>						
2. How many students per semester are currently in your <b>phantom course in operative dentistry</b> (please specify)?						
<b>Students</b> <b>Universities (%)</b>						
12–20	1 (3%)					
21–30	10 (30%)					
31–40	7 (21%)					
41–50	9 (27%)					
51–60	3 (9%)					
60–92	3 (9%)					
3. How many <b>male</b> students per semester are currently in your phantom course in operative dentistry (please specify)?						
<b>Male students</b> <b>Universities (%)</b>						
10-20%	2 (6%)					
21-30%	7 (21%)					
31-40%	13 (39%)					
41-50%	8 (26%)					
>50%	2 (6%)					
n/a	1 (3%)					
n/a= no answer given						
		40.7	16.3	12.0	92.0	38.0
		14.1 (36%)	7.4 (11%)	3.0 (14%)	30.0 (63%)	13.5 (36%)

								Mean ratio	Std.dev. ratio	Min. ratio	Max. ratio	Median ratio
4.	How is the <b>teacher-student ratio</b> currently defined in the practical parts of the course (please specify)?							14.7	6.9	4.0	38.0	15.0
	<b>Faculty-student ratio</b>	<b>Universities (%)</b>										
	1: 4-5	4 (12%)										
	1: 6-9	3 (9%)										
	1: 10-12	4 (12%)										
	1: 13-15	9 (27%)										
	1: 16-19	4 (12%)										
	1: 20-22	8 (24%)										
	1:38	1 (3%)										
5.	Among the teachers there are (multiple answers possible):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	<b>Mean</b>	<b>Std.dev.</b>	<b>Min.</b>	<b>Max.</b>	<b>Median</b>
		①	②	③	④	⑤	⑥					
5.1.	Dentists <b>without specific education</b>	4 (12%)	-	2 (6%)		26 (79%)	1 (3%)	4.4	1.4	1.0	6.0	5.0
5.2.	Graduates of <b>non-structured</b> continuing education courses with endodontology content	6 (18%)	-	3 (9%)	-	19 (58%)	1 (3%)	4.0	1.7	1.0	6.0	5.0
5.3.	Graduates of <b>structured</b> post-licensure training courses with endodontology content (e.g. curriculum)	10 (30%)	-	1 (3%)	-	19 (58%)	1 (3%)	3.7	1.9	1.0	6.0	5.0
5.4.	Persons working in a <b>practice limited</b> to endodontics	22 (67%)	-	-	-	8 (24%)	-	2.1	1.8	1.0	5.0	1.0
5.5.	Persons with an <b>endodontology specialisation, uncertified</b>	13 (40%)	-	-		17 (52%)	-	3.3	1.9	1.0	5.0	5.5
5.6.	Graduates with a <b>master's degree</b> in endodontology	22 (30%)	-	1 (3%)	-	5 (15%)	2 (6%)	2.1	1.9	1.0	6.0	1.0
5.7.	<b>Specialists certified</b> in endodontics	16 (48%)	-	-	-	14 (42%)	-	2.9	2.0	1.0	5.0	1.0

## II. Time Management

		Mean hours	Std.dev. hours	Min. hours	Max. hours	Median hours
6. How many hours (à 45 min.) are available to you <b>in total</b> for the endodontology part of the course (please specify)?		56.3	24.2	15.0	107.0	54.75
<b>hour (h)</b>	<b>Universities (%)</b>					
15-30	5 (15%)					
31-50	9 (27%)					
51-70	8 (24%)					
71-90	6 (18%)					
91-107	2 (6%)					
n/a	3 (9%)					
n/a= no answer given						
7. How many hours (à 45 min.) do you have available to teach the <b>practical content</b> of endodontology in your course (please specify)?		39.3	21.3	3.0	78.0	40.0
<b>Practical training (h)</b>	<b>Universities (%)</b>					
3-10	5 (15%)					
11-20	3 (9%)					
21-30	3 (9%)					
31-40	6 (18%)					
41-50	6 (18%)					
51-60	5 (15%)					
61-78	5 (15%)					

							Mean hours	Std.dev. hours	Min. hours	Max. hours	Median hours	
8.	How many hours (á 45 min.) do you have available to teach the <b>theoretical content</b> for endodontology in your course (please specify)?							15.4	13.4	1.0	70.0	12.0
	<b>Theory lessons (h)</b>	<b>Universities (%)</b>										
	1–5	4 (12%)										
	6–10	12 (36%)										
	11–15	6 (18%)										
	16–20	5 (15%)										
	21–25	2 (6%)										
	26–30	1 (3%)										
	31-70	3 (9%)										
<b>III. Learning-teaching Settings: Theoretical Endodontology</b>												
9.	The following learning-teaching settings are offered to convey the <b>theoretical content</b> (multiple answers possible):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
		①	②	③	④	⑤	⑥					
9.1.	<b>Lectures</b>	-	-	-	-	31 (94%)	-	5.0	0.0	5.0	5.0	5.0
9.2.	<b>Seminars = S</b> (in-depth, mostly interdisciplinary discussion of content in smaller groups than in the lectures, including patient presentation),	16 (48%)	-	2 (6%)	-	14 (42%)	-	2.9	1.9	1.0	5.0	2.0
9.2.1.	whereby the number of seminar participants is not more than 20 students	21 (64%)	-	2 (6%)	-	8 (24%)	-	2.2	1.7	1.0	5.0	1.0
9.3.	<b>Combination S &amp; Tutorials</b> * (* see 8.4)	29 (88%)	-	-	-	1 (3%)	1 (3%)	1.3	1.1	1.0	5.0	1.0
9.4.	<b>Tutorials=T</b> (are led by students with appropriate qualifications, supervised by members of the teaching staff and represent a possible form of regulated self-study by students)	26 (79%)	-	1 (3%)	-	5 (15%)	-	1.7	1.5	1.0	5.0	1.0
9.5.	<b>Subject-related study groups = GS</b> (seminar and lecture content are practised in problem-oriented manner).	22 (67%)	-	-	-	10 (30%)	-	2.3	1.9	1.0	5.0	1.0
9.5.1.	Combination GS & T ( <b>problem-oriented</b> )	29 (88%)	-	-	-	3 (9%)	-	1.4	1.2	1.0	5.0	1.0
9.5.2.	Combination GS & T ( <b>case study-oriented</b> )	30 (91%)	-	-	-	2 (6%)	-	1.2	0.9	1.0	5.0	1.0
9.6.	<b>Blended learning</b> (combination of <b>a.</b> face-to-face teaching and then <b>b.</b> e-learning)	27 (82%)	-	-	-	6 (18%)	-	1.7	1.5	1.0	5.0	1.0
9.7.	<b>Inverted classroom</b> (combination of <b>a.</b> e-learning followed by <b>b.</b> classroom teaching)	27 (82%)	1 (3%)	-	-	5 (15%)	-	1.6	1.4	1.0	5.0	1.0



12. What literature do you recommend? (Multiple answers possible; please indicate: title and author.)

Textbooks	Universities (%)
Hellwig E, Klimek J, Attin T (2003) <i>Einführung in die Zahnerhaltung</i> , München, Germany: Urban & Fischer.	11 (33%)
Hülsmann M (1993) <i>Endodontie (Checklisten Zahnmedizin)</i> , Stuttgart, Germany: Thieme.	7 (21%)
Hülsmann M, Schäfer E (2006) <i>Probleme in der Endodontie</i> , Berlin, Germany: Quintessenz Verlag.	4 (13%)
Rödig T, Hülsmann M, Nordmeyer S, Drebenstedt S (2009) <i>Grundlagen der modernen Endodontie</i> , Balingen, Germany: Spitta GmbH.	3 (9%)
Kockapan C (2003) <i>Curriculum Endodontie</i> , Berlin, Germany: Quintessenz Verlag.	3 (9%)
Torabinejad M, Walton RE (2008) <i>Endodontics: Principles and Practice</i> , 4 <sup>th</sup> edn St. Louis, MO, USA: Saunders Elsevier.	2 (6%)
Beer R, Baumann MA, Kielbassa AM (2003) <i>Taschenatlas der Endodontie</i> , Stuttgart, Germany: Thieme.	2 (6%)
Stock C, Walker R, Gulavivala K (2005) et al.: <i>Endodontie</i> , München, Germany: Urban & Fischer Verlag/Elsevier GmbH.	2 (6%)
Bargholz C, Hör D, Zirkel C (2006) <i>Praxisleitfaden Endodontie</i> , München, Germany: Urban & Fischer Verlag/Elsevier GmbH.	2 (6%)
Baumann MA, Beer R (2007) <i>Farbatlanten der Zahnmedizin-Endodontologie</i> , Stuttgart, Germany: Georg Thieme Verlag KG.	2 (6%)
diverse textbooks	10 (30%)
n/a	7 (21%)

13.	The materials are made available (multiple answers possible):	Completely disagree ①	Disagree ②	Un-decided ③	Agree ④	Strongly agree ⑤	Do not know ⑥	Mean	Std.dev.	Min.	Max.	Median
13.1.	On the <b>internet</b>	11 (33%)	-	1 (3%)	-	11 (33%)	2 (6%)	3.2	2.1	1.0	6.0	5.0
13.2.	On the <b>intranet</b>	9 (27%)	-	-	-	21 (64%)	2 (6%)	3.9	1.8	1.0	6.0	5.0
13.3.	Other (please specify): _____											
14.	Indicate the number of hours (á 45 min.) devoted to the following <b>subjects/topics</b> :							Mean hours	Std.dev. hours	Min. hours	Max. hours	Median hours
14.1.	Root canal anatomy and pulp histology							2.6	2.8	0.5	15.0	2.0
14.2.	Pulp pathology and endodontic microbiology							1.7	1.2	0.5	6.0	1.0
14.3.	Endodontic radiology							1.5	0.9	0.5	4.0	1.0
14.4.	Endodontic materials							1.9	2.0	0.5	10.0	1.0
14.5.	Vital pulp therapies							1.7	1.3	0.2	5.0	1.0
14.6.	Root canal treatment on immature teeth with non-vital pulp tissues							1.4	1.3	1	6.0	1.0
14.7.	Root canal treatment							7.0	10.4	0.2	50.0	3.0
14.8.	Root canal re-treatment							2.0	2.4	0.2	10.5	1.0
14.9.	Endodontic surgery							1.2	1.1	0.2	4.0	1.0
14.10.	Endodontic regeneration							1.3	1.3	0.2	4.0	1.0
14.11.	Restoration of root filled teeth							1.6	1.7	0.2	6.0	1.0
14.12.	Bleaching of endodontically treated teeth							1.7	1.7	0.2	6.0	1.0
14.13.	Dental trauma							3.7	4.6	0.5	15.0	2.0
14.14.	Endodontic emergencies							1.8	1.3	0.5	6.0	1.0





<b>VI. Learning-teaching Requirements: Practical Endodontology</b>												
17.	Students learn in the situations listed below (multiple answers possible):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
		①	②	③	④	⑤	⑥					
17.1.	On patients	33 (100%)	-	-	-	-	-	1.0	0.0	1.0	1.0	1.0
17.2.	On <b>human</b> teeth	2 (6%)	-	-	-	31 (94%)	-	4.8	0.9	1.0	5.0	5.0
17.3.	On <b>industrially manufactured standardised simulation</b> teeth made of plastic (e.g. Morita model teeth)	4 (12%)	-	-	-	28 (85%)	-	4.5	1.3	1.0	5.0	5.0
17.4.	On <b>patient-specific</b> DVT-based plastic simulation teeth	23 (70%)	-	-	1 (3%)	5 (15%)	-	1.8	1.6	1.0	5.0	1.0
17.5.	On <b>single-root</b> teeth	1 (3%)	-	-	-	32 (97%)	-	4.9	0.7	1.0	5.0	5.0
17.6.	On <b>multiroot</b> teeth	-	-	-	-	33 (100%)	-	5.0	0.0	5.0	5.0	5.
17.7.	Other (please specify): _____											
								<b>Mean teeth</b>	<b>Std.dev. teeth</b>	<b>Min. teeth</b>	<b>Max. teeth</b>	<b>Median teeth</b>
18.	Number of <b>single-root teeth</b> (please specify):							3.6	2.4	1.0	12.0	3.0
	<b>Type of teeth</b>	<b>Universities (%)</b>										
	Single rooted	32 (97%)										
	n/a	1 (3%)										
	01. Feb	9 (27%)										
	03. Apr	17 (52%)										
	5-7	4 (12%)										
	>8	2 (6%)										



23. Which NiTi instruments do the students use for manual root canal preparation (multiple answers possible, please specify)?

Ni-Ti-Instruments	Universities (%)
K-Files (among other files)	18 (55%)
Diverse files: K-Flex, ProTape, NiTiFlex	4 (12%)
Hedstroem-Files	5 (15%)
C-files	4 (12%)
Reamer-Files	2 (6%)

24. Students learn manual root canal preparation with hand instruments in the following technique (multiple answers possible, please specify):

Techniques of root canal treatments	Universities (%)
Apical-coronal/Step-Back	24 (73%)
Crown Down	4 (12%)
Balanced Force	4 (12%)
Diverse techniques	3 (9%)
Standardized Technique	2 (6%)
Crown Down/Step-Back	2 (6%)
n/a	1 (3%)

	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
	①	②	③	④	⑤	⑥					
25. Students learn mechanical root canal preparation with rotary/reciprocal instruments (please tick as appropriate):	4 (12%)	-	1 (3%)	-	28 (85%)	-	4.4	1.3	1.0	5.0	5.0

26. Students learn how to prepare root canals mechanically with the following instruments (please specify):

<b>Rotary/reciprocal instruments</b>	<b>Universities (%)</b>
Reciproc-VDW	15 (45%)
MTwo	6 (18%)
ProTaper Next	5 (15%)
Diverse e.g.: VDW Rotate, WOG, F6 Skytaper, Flexmaster	4 (12%)
F360	5 (15%)
WaveOne Gold	3 (9%)
none	3 (9%)

27. Students use the following root canal irrigations (please specify):

<b>Irrigating solution:</b>	<b>Universities (%)</b>
NaOCl	25 (76%)
CHX	14 (42%)
EDTA	11 (33%)
Citric acid	8 (24%)
Ethanol	7 (21%)
NaCl	4 (12%)
Water	4 (12%)
No NaOCl for safety reasons:	6 (18%)

28. The root canal irrigations are activated by (please specify):												
<b>Activation of the irrigating solution</b>	<b>Universities (%)</b>											
Activation of irrigation solution	16 (48%)											
Ultrasound (Sonicflex®, PUI)	6 (18%)											
Sound activated (EDDY®, Endoaktivator®)	12 (36%)											
Not used in phantom course	14 (42%)											
n/a	3 (9%)											
							<b>Mean</b>	<b>Std.dev.</b>	<b>Min.</b>	<b>Max.</b>	<b>Median</b>	
							Microscope	Microscope	Microscope	Microscope	Microscope	
29. Number of microscopes available in the course (please specify):							3.2	5.9	0.0	32.0	1.0	
<b>Dental microscope</b>	<b>Universities (%)</b>											
0	6 (18%)											
1-2	16 (48%)											
3-4	5 (15%)											
5-10	4 (12%)											
14	1 (3%)											
32	1 (3%)											
							<b>Mean</b>	<b>Std.dev.</b>	<b>Min.</b>	<b>Max.</b>	<b>Median</b>	
							Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know
							①	②	③	④	⑤	⑥
30. Students regularly use a microscope for root canal treatment (please tick as appropriate):	13 (40%)	-	12 (36%)	-	8 (24%)	-	2.7	1.6	1.0	5.0	3.0	
31. Students regularly use magnifying glasses for root canal treatment (please tick as appropriate):	3 (9%)	-	9 (27%)	-	21 (64%)	-	4.1	1.3	1.0	5.0	5.0	

32.	Students regularly use a microscope for root canal treatment (please tick as appropriate):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
		①	②	③	④	⑤	⑥					
32.1.	Calcium hydroxide (Ca(OH) <sub>2</sub> )	12(36%)	-	2 (6%)	-	11 (33%)	-	2.9	1.9	1.0	5.0	3.0
32.2.	Mineral trioxide aggregate (MTA)	14 (42%)	-	1 (3%)	-	11 (33%)	-	2.8	1.9	1.0	5.0	1.0
32.3.	Biodentine (Septodont, Niederkassel)	17 (52%)	-	2 (6%)	-	6 (18%)	-	2.1	1.7	1.0	5.0	1.0
32.4.	Other (please specify): _____											
33.	Students use the following type of intervisit medication (please specify):											
	<b>Inter-visit medicaments</b>	<b>Universities (%)</b>										
	Calcium Hydroxide	27 (82%)										
	Ledermix®	8 (24%)										
	Calcium Hydroxide + CHX	2 (6%)										
	Odontopaste®	1 (3%)										
	Not used in phantom course	3 (9%)										
34.	Students use the following root canal filling pastes (sealer) (please specify):											
	<b>Root canal sealer</b>	<b>Universities (%)</b>										
	Epoxy resin -Sealer: AH Plus®, 2Seal®,	30 (91%)										
	Calcium Hydroxide -Sealer: Seal apex®	2 (6%)										
	Calcium silicate -Sealer: BioRoot RCX®	2 (6%)										
	Sealer on silicone base: Roeko Seal®	1 (3%)										

35. Students perform the root canal filling as follows (multiple answers possible, please specify):

Root canal filling techniques	Universities (%)
Lateral compaction	28 (85%)
Single cone method	6 (18%)
warm vertical compaction	4 (12%)
warm vertical compaction with Continuous Wave Technik (Buchanan)	1 (3%)
Guttapercha carrier pin system: Thermafil <sup>®</sup>	1(3%)
n/a	1 (3%)

36. Students treat the tooth after completion of the root canal treatment as follows (please tick as appropriate):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
	①	②	③	④	⑤	⑥					
36.1. Temporary restoration (e.g. cement filling)	13 (40%)	-	-	-	14 (42%)	-	3.1	2.0	1.0	5.0	5.0
36.2. Definitive restoration (e.g. adhesive filling)	14 (42%)	-	-	-	25 (76%)	-	4.4	1.4	1.0	5.0	5.0
36.3. Other (please specify): _____											

		Mean days	Std.dev. days	Min. days	Max. days	Median days
37. In how many treatment steps/days should the root canal treatment be completed? (please specify):		4.9	4.9	1.5	20.0	3.0
<b>Treatment days or course days</b>	<b>Universities (%)</b>					
<hr/>						
1-3	10 (33%)					
5-7	2 (6%)					
10	1 (3%)					
20	1 (3%)					
not relevant	11 (33%)					
depending on situation	4 (12%)					
n/a	4 (12%)					
		Mean Number of teeth	Std.dev. Number of teeth	Min. Number of teeth	Max. Number of teeth	Median Number of teeth
38. Students prepare and fill at least this number of teeth, both human and simulated (please specify):		6.5	3.9	1.0	18.0	6.0
<b>Minimum number of teeth to be prepared and filled (extracted, industrial)</b>	<b>Universities (%)</b>					
<hr/>						
1-3	7 (21%)					
4-6	11 (33%)					
7-10	8 (24%)					
11-13	4 (12%)					
14-18	2 (6%)					
n/a	1 (3%)					





41.	The <b>evaluation of the theoretical/practical tests</b> is carried out (multiple answers possible, please tick as appropriate):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
		①	②	③	④	⑤	⑥					
41.1.	By a central office	15 (45%)	-	-	-	6 (18%)	1 (3%)	2.3	1.9	1.0	6.0	1.0
41.2.	By one dentists	16 (48%)	-	-	-	8 (24%)	1 (3%)	2.5	1.9	1.0	6.0	1.0
41.3.	By several dentists	4 (12%)	-	-	-	23 (70%)	1 (3%)	4.5	1.4	1.0	6.0	5.0
41.4.	Other (please specify): _____											
42.	The pass mark is (please tick as appropriate)	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
		①	②	③	④	⑤	⑥					
42.1.	60%.	2 (6%)	-	-	-	26 (79%)	-	4.7	1.0	1.0	5.0	5.0
42.2.	Different than 60%	11 (33%)	-	-	-	5 (15%)	-	2.2	1.8	1.0	5.0	1.0
42.3.	Determined individually	13 (40%)	-	2 (6%)	-	3 (9%)	-	1.9	1.5	1.0	5.0	1.0
42.4.	Other (please specify): _____											
VIII. Learning Goals												
43.	The following <b>learning objectives/goals</b> are taught in your curriculum (multiple answers possible, please tick as appropriate):	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	Mean	Std.dev.	Min.	Max.	Median
	The graduates can:	①	②	③	④	⑤	⑥					
43.1.	explain the etiology and pathogenesis of pulmonary and periradicular diseases.	1 (3%)	-	1 (3%)	5 (15%)	26 (79%)	-	4.7	0.8	1.0	5.0	5.0
43.2.	diagnose pulp and periapical diseases.	1 (3%)	1 (3%)	3 (9%)	7 (21%)	21 (64%)	-	4.4	0.9	1.0	5.0	5.0
43.3.	carry out the prevention of pulp and periradicular diseases.	2 (6%)	2 (6%)	2 (6%)	6 (18%)	21 (64%)	-	4.3	1.3	1.0	5.0	5.0
43.4.	plan the endodontic treatment and carry it out.	1 (3%)	-	-	6 (18%)	26 (79%)	-	4.7	0.8	1.0	5.0	5.0
43.5.	in particular, use primary, but also secondary evidence collected and critically evaluated to make decisions on a medical/dental issue in everyday dental practice.	2 (6%)	3 (9%)	7 (21%)	5 (15%)	12 (36%)	4 (12%)	4.0	1.4	1.0	6.0	4.0

<b>IX. Other</b>											
	Completely disagree	Disagree	Un-decided	Agree	Strongly agree	Do not know	<b>Mean</b>	<b>Std.dev.</b>	<b>Min.</b>	<b>Max.</b>	<b>Median</b>
	①	②	③	④	⑤	⑥					
44. The courses are regularly evaluated for success (please tick as appropriate).	1 (3%)	1 (3%)	3 (9%)	6 (18%)	21 (64%)	1 (3%)	4.4	1.0	1.0	6.0	5.0
45. I consider an exchange with other universities regarding the examination formats for the subject of endodontology to be useful (please tick as appropriate).	1 (3%)	-	3 (9%)	1 (3%)	27 (82%)	1 (3%)	4.5	0.9	1.0	6.0	5.0
46. There is already an exchange with other universities in Germany (please tick as appropriate).  Exchange with (please specify): _____	12 (36%)	.	15 (45%)	-	14 (42%)	2 (6%)	3.3	1.9	1.0	6.0	5.0
47. There is already an exchange with other international universities (please tick as appropriate).  Exchange with (please specify): _____	23 (70%)	-	1 (3%)	-	6 (18%)	3 (9%)	2.24	1.9	1.0	6.0	1.0
48. There is a special department/polyclinic only for endodontology (please tick as appropriate).	24 (73%)	-	4(12%)	1 (3%)	4(12%)	-	1.8	1.42	1.0	5.0	1.0
							<b>Mean Euro</b>	<b>Std.dev. Euro</b>	<b>Min. Euro</b>	<b>Max. Euro</b>	<b>Median Euro</b>
49. What are the endodontology material costs for the course per student in Euro (please specify)?							127.50	94.40	0.00	370.00	100.00
	<b>Costs in Euro</b>	<b>Universities (%)</b>									
	0-50€	3 (9%)									
	51-100€	6 (18%)									
	101-200€	4 (12%)									
	201-300€	1 (3%)									
	>301€	1 (3%)									
	No answer possible	12 (36%)									
	n/a	7 (21%)									

50. Here you can enter in free-text format, if necessary, what else you think is worth mentioning on the subject of student training in preclinical endodontology in the Phantom Course in operative dentistry.

With regard to the new dental licensing regulations, this evaluation must be questioned with regard to the current status since the implementation of the new regulations will certainly require an adjustment and all the data here will no longer be valid after October 2020.

The questionnaire is only conditionally applicable to this university.

We regularly invite companies to present their views on future progress in endodontology to those already trained by us and to members of the teaching staff. Furthermore, there is a private continuing education group for people interested in endodontics which also regularly organises local events.

In the endodontic part of the phantom III course at least one dental colleague (with a focus on endodontology) is already involved in the practical supervision of the students for two half days per week.