

B. Questionnaire to inform discussions at Szeged, 26-28th August 2015

SIG F05: Monitoring & Assessment in undergraduate Endodontology; towards a European standard. Phase 2: Clinical Endodontics.

Response: 46/214 (21.5%) Disappointing, and must not be over-analysed.

1. Location of Endodontic teaching

Dedicated Endo clinic in the Dental School	20
Mixed 'Conservation' or 'Restorative' clinics in the Dental School	31
Community clinics outside the Dental School	8
Many offer mixed experiences	

2. Nature of teachers

Only teachers who specialise in Endodontics (not all countries formally recognise Endodontists)	10
Only general practitioners	2
Combination of general practitioners and those who specialise	34

3. Typical staff/student ratios for clinical endodontic treatment

Average 1:7 (range 1:3 – 1:25)

4. Do schools have rules on minimum levels clinical activity in Endo?

Yes	34
No	12

- Minimum 2 single root cases, 2 multi-root cases start to finish.
- At least one tooth each year.
- One tooth each year.
- 1 incisor, 1 premolar and 1 molar.
- 20 root canals.
- 20 root canals.
- 3 canals in 4th year and 6 canals in 5th year.
- 10molar, 15 anterior.

- Requirements based on competencies.
- Single and molar endo to a satisfactory standard.
- 4th year: 20 root canal treatment (2 of which must be multirooted),
3 cases of direct pulp capping,
5th year: treatment of at least 60 roots, including at least 2 teeth with
periradicular pathosis, 5 cases of pulp capping, 1 intra-coronal bleaching and
1 case of post-core application
- 3 roots for the 3rd year, 8 roots for the 4th year, 12 roots for the 5th year.
- 10 canals, with a minimum of 2 multi-rooted cases.
- 20 canals or 10 multi-rooted20 canals or 10 multi-rooted.
- Absolute minimum 1 tooth with 1-2 root and 1 molar with 3-4 root within their first year.
- 10 root canals and 1 case of retreatment.
- Definite number of treatment on single canal teeth or premolar in 4th year;
definite number of treatment on molar in 5th year and treatment of teeth with
apical periodontitis and 2 retreatments (one must be on molar); one molar treated
in one visit in the last (6th) year and a follow up of apical periodontitis and one surgical
assistance (apicoectomy and root end filling).
- Minimum 8 canals.
- At least 16 root canals (most already accessed and dressed).
- One single or two-rooted tooth, one molar.
- 6 single-rooted, 3 molars.
- 30 premolar or anterior teeth, 10 molars.
- 7 teeth, including 4 molars.
- At least 4 clinical cases of consistent quality.
- 4 single/two rooted, 2 molars.
- 70 completed cases (primary and re-treatments).
- 4 canals per semester (16 total).
- 1 root canal treatment (generally do 1-5).
- 12 canals, including 1 molar.
- Sliding scale based on case difficulty assessment.

5. Student experience

It is possible for students in my school to gain NO experience of:

Indirect pulp capping	10	(n = 46)
Direct pulp capping	19	
Cvek pulpotomy	33	

Pulp chamber pulpotomy	27
Root canal treatment	0
Molar root canal treatment	3
Root canal re-treatment	21
Apexification	37
Perforation repair	39

6. Schools concerned about the limited supply of suitable student cases?

Yes	26	(n = 46)
No	20	

Free comments:

- Single roots in particular.
- Many referred cases are too complex for undergraduates.
- 'Novel' methods are sought to overcome the problem.
- Cases that are too complex often have to be managed jointly with teachers (x3).
- An abundance of complex cases.

7. Schools that formally test endodontic skills & knowledge during the clinical years.

Skills	43	(n = 46)
Knowledge	39	

8. Schools providing continuous assessment/feedback on clinical activity

Paper-based system	26	(n = 46)
Electronic system	15	
Periodic progress reviews	18	
Encouraging student reflection	38	

9. Remediation for weak students

Individual, tailored training	10	(n = 46)
Repeat semester	1	
Summer school	1	

10. Schools willing to share
their materials

Questions to be addressed in Szeged:

1. Expected levels of activity in root canal treatment are highly variable.

Is it possible or helpful for the ESE/ADEE to recommend minimum levels of clinical activity in undergraduate Endodontology?

2. Is it possible or helpful for ESE/ADEE to recommend minimum standards for monitoring and assessing student clinical progress in clinical endodontics?

Eg: can we recommend that all schools assess the knowledge and skills of their students during clinical years

What should be tested?

How?