

## **INFORMATIONAL REPORT ON ENDODONTICS PROGRAMS ANNUAL SURVEY CURRICULUM DATA**

**Background:** At its Winter 2015 meeting, the Commission directed that each Review Committee review a draft of its discipline-specific Annual Survey Curriculum Section during the Winter meeting in the year the Survey will be distributed. The Commission further suggested that each Review Committee review aggregate data of its discipline-specific Annual Survey Curriculum Section, as an informational report, when the materials are available following data collection and analysis. The Commission noted that all survey data is considered confidential at the programmatic level.

The Curriculum Section of the Commission's Annual Survey is conducted for endodontics education programs in alternate years. The most recent Curriculum Section was conducted in August/September 2022. Aggregate data of the most recent Curriculum Section for review by the Endodontics Education RC as an informational report is provided in **Appendix 1**.

**Summary:** The Review Committee on Endodontics Education is requested to review the informational report on aggregate data of its discipline-specific Annual Survey Curriculum Section (**Appendix 1**).

**Recommendation:** This report is informational in nature and no action is requested.

## 2022-23 Endodontics Curriculum Survey Results

This report includes data collected in the 2022-23 *Survey of Advanced Dental Education* from 55 endodontics programs accredited at the time of the survey.

### 21. What percentage of time do students/residents devote to each of the following areas during the entire program?

Field	Minimum	Maximum	Mean	Count
a. Clinical (include related laboratory activity)	44.0	65.0	54.9	55
b. Didactic (include assigned laboratory activity)	20.0	40.0	28.7	55
c. Research	3.0	25.0	9.1	55
d. Teaching	2.0	10.0	6.8	55
e. Other, please specify	0.0	9.8	0.5	55

e. Other, please specify - Text

AAE Annual sessions, Board Review courses, textbook reviews (2)

AAE meeting, Holidays and Off Site Events

CE courses, AAE annual meeting, Board review courses

Military Specific Activities

Off-site meetings/events

Orientation, AAE meetings, Holidays, Vacation, Sick Leave, Personal time

Professional meetings

Service (2)

**22. Basic science instruction in advanced endodontics can be provided in a variety of settings. Identify the number of clock hours students/residents spend in formal courses, lectures or seminars, and on rotation to other services to receive instruction in the following subject areas during the entire program.**

Field	Minimum	Maximum	Mean	Count
a. Head and neck anatomy (gross and micro)	0.0	209.0	31.7	55
b. Embryology	0.0	84.0	14.0	55
c. Infectious and immunologic processes in oral health and disease	0.0	150.0	40.1	55
d. Pathophysiology of pulpal/periradicular disease	2.0	400.0	51.0	55
e. Wound healing	0.0	128.0	18.9	55
f. Oral medicine and oral pathology	0.0	144.0	41.2	55
g. Pharmacotherapeutics	0.0	128.0	29.1	55
h. Research methodology and statistics	0.0	344.0	49.9	55
i. Neuroscience	0.0	80.0	20.3	55
j. Biomaterials	0.0	128.0	21.2	55

**23. Identify the number of endodontic diagnostic and treatment planning conferences/seminars conducted by the program during the past 24-month period.**

Field	Minimum	Maximum	Mean	Count
	2.0	288.0	73.1	55

**24. On average, how many endodontic cases per student/resident have been completed in the past 24-month period?**

Cases per student/resident	Minimum	Maximum	Mean	Count
a. Non-surgical	95.0	360.0	216.5	55
b. Surgical	5.0	40.0	16.8	55
c. Non-surgical retreatment	0.0	120.0	47.4	55

## Comments from Endodontics Curriculum Section page 1

24 was given for question #23 as a rough estimate of seminars that include case presentations, diagnosis and/or treatment planning. Diagnosis and treatment planning is a daily part of the learning process with individualized attention in each clinical day as well.

Although our department stayed open during the pandemic, we saw fewer patients than normal. In addition, during our transition from a 30 month program with 2 residents per year to a 26 month program with 3 residents per year. We only had 4 residents from December 2020 to June 2021.

As a result of ongoing program evaluation, we have recently incorporated a surgical course during the first quarter of the program. This has resulted in an increase in the number and breadth of surgical experiences.

Due to COVID-19, production was lower than previous years

Students are also completing around 4 vital pulp therapy cases, and 2 regenerative endodontic/apical barrier cases.

This data is affected by COVID restrictions in place by the institution. The "non-surgical retreatment" number is data extracted from the "non-surgical" case number, not in addition.

### 25. How many patients were managed on average per student/resident as a result of traumatic injuries in the past 24-month period?

Field	Minimum	Maximum	Mean	Count
	1.0	30.0	11.1	55

### 26. In which of the following interdisciplinary approaches did students/residents RECEIVE INSTRUCTION during the past 24-month period for the management of dental patients?

Question	Yes	No	Total
a. Endodontics / periodontics	100.0%	0.0%	55
b. Endodontics / pediatric dentistry	96.4%	3.6%	55
c. Endodontics / oral and maxillofacial surgery	96.4%	3.6%	55
d. Endodontics / prosthodontics	96.4%	3.6%	55
e. Endodontics / restorative	98.2%	1.8%	55

### 26. In which of the following interdisciplinary approaches did students/residents GAIN CLINICAL CONSULTATION EXPERIENCE during the past 24-month period for the management of patients?

Question	Yes	No	Total
a. Endodontics / periodontics	98.2%	1.8%	55
b. Endodontics / pediatric dentistry	96.4%	3.6%	55
c. Endodontics / oral and maxillofacial surgery	94.5%	5.5%	55
d. Endodontics / prosthodontics	90.9%	9.1%	55
e. Endodontics / restorative	98.2%	1.8%	55

**27. How often does the program conduct formal documented evaluations of student/resident clinical performance?**

	Percentage
Daily	12.7%
Weekly	12.7%
Monthly	9.1%
Quarterly	18.2%
Biannually (i.e., twice a year)	36.4%
Annually	0.0%
Other, please specify	10.9%
Total	55

Other, please specify - Text

3 times yearly

Case review session every 6 weeks

Each resident case is posted on EndoLit and is graded by calibrated faculty. A formal evaluation of student/resident clinical performance is done by the Program Director on a quarterly basis.

Every 6 weeks their cases are reviewed with PG director

Five times a year

Triannually

**28. How often does the program conduct formal documented evaluations of faculty?**

	Percentage
Weekly	0.0%
Monthly	0.0%
Quarterly	5.5%
Biannually (i.e., twice a year)	10.9%
Annually	83.6%
Other, please specify	0.0%
Total	55

**Comments from Endodontics Curriculum Section page 2**

For clinical evaluations of residents, we do so daily, monthly, quarterly and annually.

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Residents are being evaluated on a daily basis however formal evaluation is done twice a year.