



OCCUPATIONAL ANALYSIS OF THE DENTIST PROFESSION



DENTAL BOARD OF CALIFORNIA

OCCUPATIONAL ANALYSIS OF THE
DENTIST PROFESSION



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OFFICE OF PROFESSIONAL EXAMINATION SERVICES

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This occupational analysis report is mandated by California Business and Professions Code §139 and by DCA *OPES 22-01 Licensure Examination Validation Policy*.

EXECUTIVE SUMMARY

The Dental Board of California (Board) requested that the Department of Consumer Affairs' Office of Professional Examination Services (OPES) conduct an occupational analysis (OA) of the dentist profession in California. The purpose of the OA is to define dentist practice in terms of critical tasks that dentists must be able to perform competently at the time of licensure. The results of this OA provide a description of practice for the dentist profession that can be used to evaluate national examinations and to provide the basis for the California Law and Ethics examination (LEX).

OPES test specialists began by researching the profession and conducting telephone interviews with licensed dentists working throughout California. The purpose of these interviews was to identify the tasks performed by dentists and the knowledge required to perform those tasks in a safe and competent manner. Using the information gathered from the research and the interviews, OPES test specialists developed a preliminary list of tasks performed by dentists in their profession, along with statements representing the knowledge needed to perform those tasks.

In October 2023, OPES test specialists convened a workshop to review and refine the preliminary lists of tasks and knowledge statements describing dentist practice in California. Dentists participated in the workshop as subject matter experts (SMEs). The SMEs were from diverse backgrounds in the profession (e.g., work settings, geographic location of practice, years licensed). These SMEs also linked the tasks and knowledge statements and reviewed demographic questions to be used on the OA questionnaire.

After the workshop, OPES test specialists developed a two-part OA questionnaire to be completed by dentists statewide. Development of the OA questionnaire included a pilot study that was conducted with a group of dentists who participated in either the interviews or the October 2023 workshop. The pilot study was completed in November 2023. The pilot study participants' feedback was incorporated into the final questionnaire, which was administered in February 2024.

In the first part of the OA questionnaire, dentists were asked to provide demographic information related to their practice and work settings. In the

second part of the questionnaire, dentists were asked to rate how often they perform each task in their current practice (Frequency) and how important the task is to effective performance of their current practice (Importance).

In February 2024, on behalf of the Board, OPES sent an email to approximately 30,000 licensed dentists, inviting them to complete the online OA questionnaire. The email invitation was sent to dentists for whom the Board had an email address on file. Respondents were offered 2 hours of continuing education credit for completing all areas of the questionnaire.

Of the 30,000 email invitations sent, a total of 15,329 email invitations were opened, and 2,014 respondents completed the OA questionnaire (13%). The final number of respondents included in the data analysis was 1,355 (9%). The final response rate reflects two adjustments. First, OPES excluded data from respondents who indicated they were not currently licensed and working as a dentist in California. Second, OPES excluded questionnaires containing a large portion of incomplete responses.

OPES test specialists then performed data analyses on the task ratings obtained from the questionnaire respondents. The task importance and frequency ratings were combined to derive an overall criticality index for each task.

Once the data were analyzed, OPES test specialists conducted another workshop with dentists in April 2024. The SMEs evaluated the criticality indices and determined whether any tasks should be eliminated. The SMEs in this group also established the final linkage between tasks and knowledge statements, reviewed the task and knowledge statement content areas, and defined those content areas. An additional workshop was held in June 2024 to review the final description of practice and the final examination outline for the LEX.

The description of practice is structured into 15 content areas that are weighted relative to the other content areas. This description of practice provides a description of the scope of practice for dentists, and it also identifies the tasks and knowledge critical to safe and competent practice in California at the time of licensure.

The description of practice developed as a result of this OA provides a basis for evaluating the degree to which the content of any licensure examination in use

or considered for use measures content critical to dentist practice in California. Additionally, the OA results were used to develop a separate California Law and Ethics examination outline that provides the basis for developing the LEX.

OVERVIEW OF THE DENTIST DESCRIPTION OF PRACTICE

CONTENT AREA	CONTENT AREA DESCRIPTION	PERCENT WEIGHT
1. Patient Evaluation	This area assesses the candidate's knowledge of conducting patient medical and dental evaluations to develop comprehensive dental treatment plans.	12
2. Endodontics	This area assesses the candidate's knowledge of diagnosing patient endodontic conditions, developing treatment plans, and performing endodontic therapy.	5
3. Indirect Restoration	This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and performing indirect restorations.	7
4. Direct Restoration	This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and performing direct restorations.	8
5. Oral Disease and Education	This area assesses the candidate's knowledge of performing oral disease prevention procedures and patient education.	6
6. Periodontics	This area assesses the candidate's knowledge of diagnosing patient periodontal condition, developing treatment plans, and performing periodontal therapy.	5
7. Fixed Partial Dentures	This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and preparing fixed partial dentures.	5
8. Removable Partial Dentures	This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and designing and delivering removable partial dentures.	4
9. Complete Dentures	This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and designing and delivering complete dentures.	4
10. Implant Restoration	This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and delivering implant restorations.	4

CONTENT AREA	CONTENT AREA DESCRIPTION	PERCENT WEIGHT
11. Oral Surgery	This area assesses the candidate's knowledge of diagnosing patient oral conditions, developing treatment plans, and performing oral surgical procedures.	5
12. Removable Appliance Therapy	This area assesses the candidate's knowledge of procedures to determine patient need for removable appliance therapy and to deliver appliances with instructions to patients.	4
13. Safety and Sanitation	This area assesses the candidate's knowledge of procedures to prevent injury and the spread of diseases in dental services by following regulations on safety, sanitation, and sterilization.	11
14. Law	This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.	10
15. Ethics	This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.	10
Total		100

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CHAPTER 1 | INTRODUCTION

PURPOSE OF THE OCCUPATIONAL ANALYSIS

The Dental Board of California (Board) requested that the Department of Consumer Affairs' Office of Professional Examination Services (OPES) conduct an occupational analysis (OA) as part of the Board's comprehensive review of the dentist profession in California. The purpose of the OA is to identify critical activities performed by dentists in California. The results of this OA provide a description of practice for the dentist profession that can then be used to review licensure examinations in use or considered for use in California, and to develop the California Dentist Law and Ethics Examination (LEX).

Currently, California licensure as a dentist is granted by meeting the educational and experience requirements and passing the Integrated National Board Dental Examination and the LEX, and completing one of the following four pathways:

1. Pass the Dental Board of California Dental Portfolio Examination
2. Pass the CDCA-WREB-CITA Dental ADEX Examination (ADEX)
3. Obtain Licensure by Credential
4. Obtain Licensure by Residency

PARTICIPATION OF SUBJECT MATTER EXPERTS

California dentists participated as subject matter experts (SMEs) during the OA to ensure that the description of practice directly reflects current dentist practice in California. These SMEs represented the profession in terms of work settings, geographic location of practice, and years licensed. The SMEs provided technical expertise and information regarding different aspects of practice through interviews and workshops. During interviews, the SMEs provided information about the tasks involved in dentist practice and the knowledge required to perform those tasks safely and competently. During workshops, the SMEs developed and reviewed the tasks and knowledge statements describing dentist practice, organized the tasks and knowledge statements into content

areas, evaluated the results of the OA, and developed the description of practice and the LEX outline.

ADHERENCE TO LEGAL STANDARDS AND GUIDELINES

Licensure, certification, and registration programs in the State of California adhere strictly to federal and state laws and regulations, as well as to professional guidelines and technical standards. For the purposes of OAs, the following laws and guidelines are authoritative:

- California Business and Professions Code (BPC) § 139.
- 29 Code of Federal Regulations Part 1607 – Uniform Guidelines on Employee Selection Procedures (1978).
- California Fair Employment and Housing Act, Government Code § 12944.
- *Principles for the Validation and Use of Personnel Selection Procedures* (2018), Society for Industrial and Organizational Psychology (SIOP).
- *Standards for Educational and Psychological Testing* (2014), American Educational Research Association, American Psychological Association, and National Council on Measurement in Education.

For a licensure program to meet these standards, it must be solidly based upon the job activities required for practice.

DESCRIPTION OF OCCUPATION

The dentist occupation is described as follows in BPC § 1625:

Dentistry is the diagnosis or treatment, by surgery or other method, of diseases and lesions and the correction of malpositions of the human teeth, alveolar process, gums, jaws, or associated structures; and such diagnosis or treatment may include all necessary related procedures as well as the use of drugs, anesthetic agents, and physical evaluation.

CHAPTER 2 | OCCUPATIONAL ANALYSIS QUESTIONNAIRE

SUBJECT MATTER EXPERT INTERVIEWS

The Board provided OPES with a list of dentists to contact for telephone interviews. During the semi-structured interviews, 15 dentists were asked to identify the major content areas of practice and the tasks performed in each area. The SMEs were also asked to identify the knowledge necessary to perform each task safely and competently.

TASKS AND KNOWLEDGE STATEMENTS

To develop a preliminary list of tasks and knowledge statements, OPES test specialists integrated the information gathered from literature reviews of profession-related sources (e.g., previous OA reports, articles, industry publications, laws, and regulations) and from interviews with SMEs.

In October 2023, OPES test specialists facilitated a workshop to review and refine the tasks and knowledge statements. Eight SMEs from diverse backgrounds (e.g., work settings, geographic location of practice, years licensed) participated in the workshop. During the workshop, the SMEs evaluated the tasks and knowledge statements for technical accuracy, level of specificity, and comprehensiveness. In addition, the SMEs evaluated the organization of tasks within content areas to ensure that the content areas were independent and non-overlapping.

During the workshop, the SMEs also performed a linkage between the tasks and knowledge statements. The linkage was performed to identify the knowledge required for performance of each task, and to verify that each knowledge statement is important for safe and competent practice as a dentist. Additionally, the linkage ensured that all tasks were linked to at least one knowledge statement, and that each knowledge statement was linked to at least one task statement.

During this workshop, the SMEs also reviewed proposed demographic questions and evaluated the scales that would be used for rating tasks in an online OA questionnaire to be sent to dentists statewide. To reduce the number of

statements on the questionnaire, and therefore the time burden on respondents, OPES test specialists decided to include only the tasks on the questionnaire.

OPES test specialists used the final lists of tasks, demographic questions, and rating scales to develop the online OA questionnaire.

QUESTIONNAIRE DEVELOPMENT

OPES test specialists developed the online OA questionnaire designed to solicit ratings of the tasks by dentists. The dentists surveyed were instructed to rate how often they perform each task in their current practice (Frequency) and how important each task is to the effective performance of their current practice (Importance). The OA questionnaire also included a demographic section to obtain relevant professional background information about responding dentists. The OA questionnaire is Appendix D.

PILOT STUDY

Before administering the final questionnaire, OPES conducted a pilot study of the online questionnaire in November 2023. The draft questionnaire was reviewed by the Board and then sent to 8 SMEs who had participated in either the interviews or workshops. OPES received feedback on the pilot study from all 8 SMEs. The SMEs reviewed the tasks in the questionnaire for technical accuracy and for whether they comprehensively reflected dentist practice. The SMEs also provided the estimated time for completion of the questionnaire, as well as information about online navigation and ease of use. OPES test specialists used this feedback to refine the final questionnaire.

CHAPTER 3 | RESPONSE RATE AND DEMOGRAPHICS

SAMPLING STRATEGY AND RESPONSE RATE

In February 2024, on behalf of the Board, OPES sent an email to approximately 30,000 licensed dentists for whom the Board had an email address on file, inviting them to complete the online OA questionnaire. Respondents were offered 2 hours of continuing education credit for completing all areas of the questionnaire. The email invitation is Appendix C.

Of the 30,000 email invitations sent, a total of 15,329 email invitations were opened, and 2,014 respondents completed the OA questionnaire (13%). The final number of respondents included in the data analysis was 1,355 (9%). This response rate reflects two adjustments. First, OPES excluded data from respondents who indicated they were not currently licensed and working as a dentist in California. Second, OPES excluded questionnaires containing a large portion of incomplete responses.

Respondents who did not complete the entire survey did not receive continuing education credit; however, the data the respondents provided was used in the analysis. The final respondent sample appears to represent the California dentist profession based on the sample's demographic composition.

DEMOGRAPHIC SUMMARY

As shown in Table 1 and Figure 1, the responding dentists reported a range of years licensed. Of the respondents, 21.7% reported that they had been licensed as a dentist for 5 years or less, 11.4% reported being licensed as a dentist for 6–10 years, 22.8% reported having been licensed dentist for 11–20 years, and 44% reported that they had been licensed as a dentist for more than 20 years.

When asked to identify their primary work setting, 58% of the respondents reported that they work in an urban setting, while 34.9% reported a suburban setting. The remaining 7% of respondents reported a rural or other setting (Table 2 and Figure 2).

Table 3 and Figure 3 show that the majority of respondents (57.1%) reported that they work 21–39 hours per week, 30.4% reported that they work more than 40 hours per week, while 7.3% reported that they work 11–20 hours per week, and 5.2% reported that they work 0–10 hours per week.

When asked to identify their practice specialty, approximately 80% of respondents reported that they work as a general dentist. The remaining specialties represented ranged from .05% (Oral and Maxillofacial Pathology) to 4.6% (Pediatric Dentistry). A detailed breakdown of respondent specialties is provided in Table 4. Additional demographic information is provided in Tables 5–7 and Figures 5 and 6.

TABLE 1 – YEARS LICENSED

YEARS	NUMBER (N)	PERCENT
0–5 years	405	21.69
6–10 years	213	11.41
11–20 years	426	22.82
More than 20 years	823	44.08
Total	1,867	100

FIGURE 1 – YEARS LICENSED

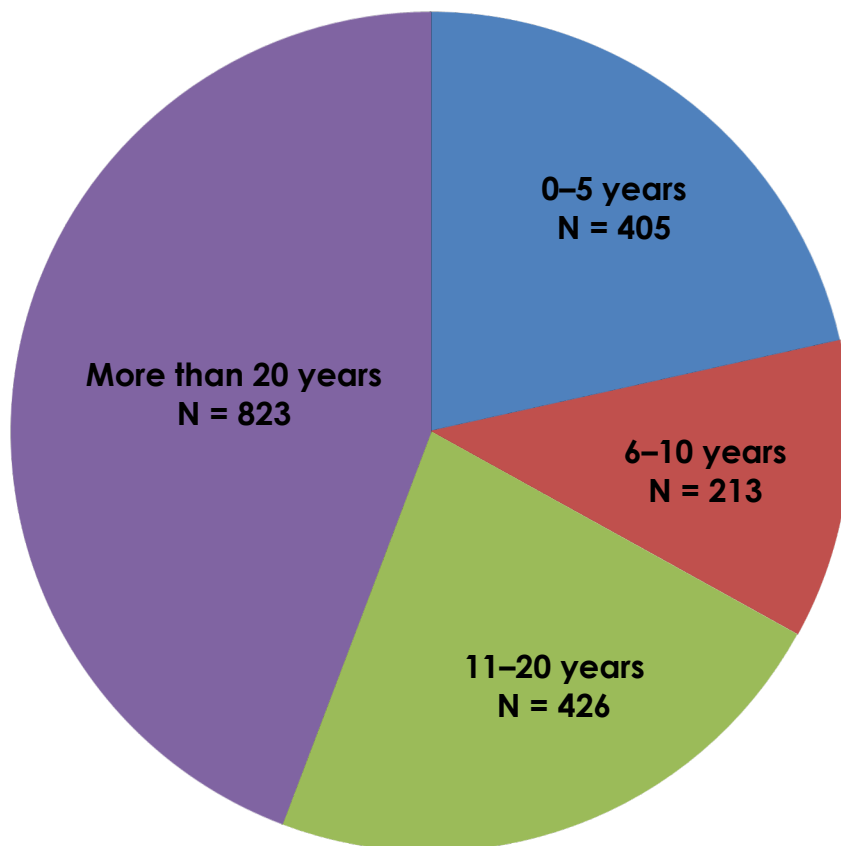


TABLE 2 – PRIMARY WORK SETTING

WORK SETTING	NUMBER (N)	PERCENT
Urban	1,084	58.06
Suburban	652	34.92
Rural	81	4.34
Other	50	2.68
Total	1,867	100

FIGURE 2 – PRIMARY WORK SETTING

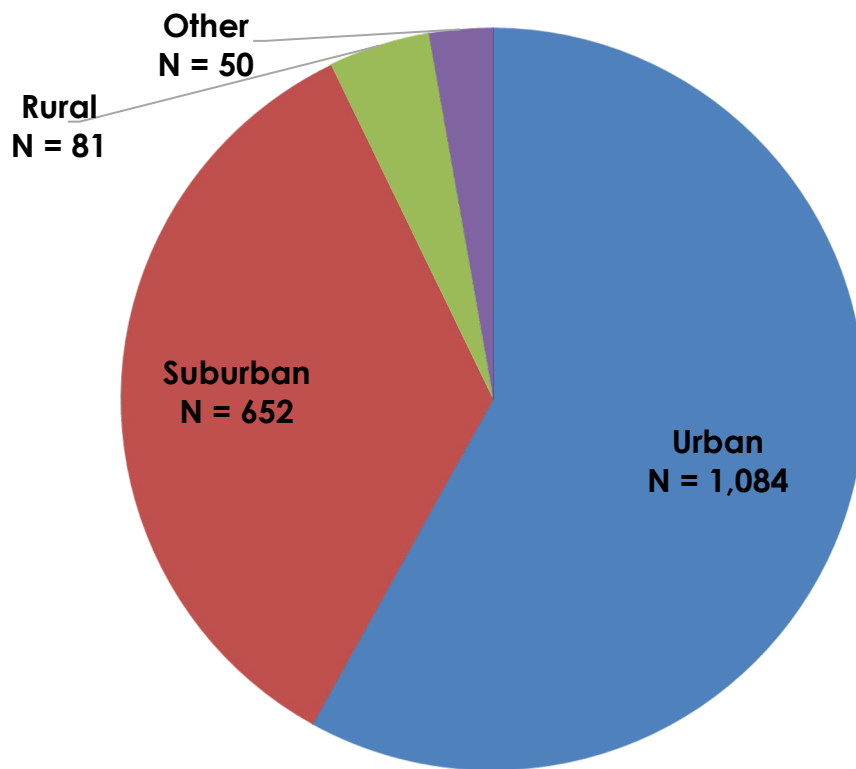


TABLE 3 – HOURS WORKED PER WEEK

HOURS	NUMBER (N)	PERCENT
0–10 hours	97	5.20
11–20 hours	137	7.34
21–39 hours	1,066	57.10
More than 40 hours	567	30.37
Total*	1,867	100.01

*NOTE: Percentages do not add to 100 due to rounding.

FIGURE 3 – HOURS WORKED PER WEEK

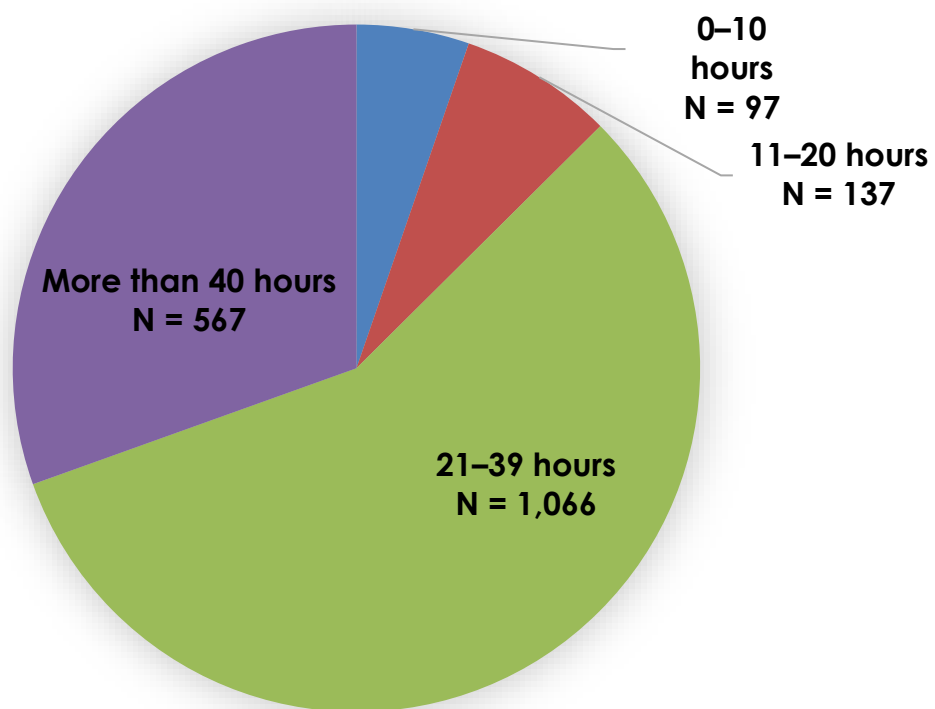


TABLE 4 – PRACTICE SPECIALTY

TYPE	NUMBER (N)	PERCENT
General Dentist	1,481	79.33
Specialist - Dental Anesthesiology	5	0.27
Specialist - Dental Public Health	4	0.21
Specialist - Endodontics	44	2.36
Specialist - Oral and Maxillofacial Pathology	1	0.05
Specialist - Oral and Maxillofacial Radiology	4	0.21
Specialist - Oral and Maxillofacial Surgery	44	2.36
Specialist - Oral Medicine	1	0.05
Specialist - Orofacial Pain	8	0.43
Specialist - Orthodontics and Dentofacial Orthopedics	87	4.66
Specialist - Pediatric Dentistry	85	4.55
Specialist - Periodontics	53	2.84
Specialist - Prosthodontics	24	1.29
Other	26	1.39
Total	1,867	100

FIGURE 4 – PRACTICE SPECIALTY

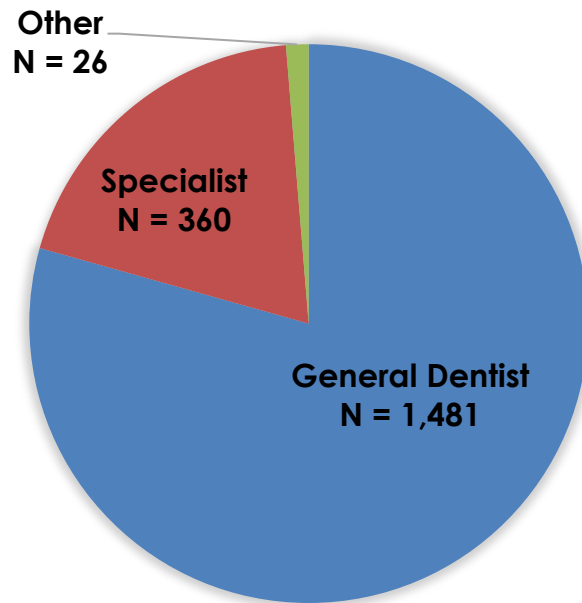


TABLE 5 – WORK LOCATIONS

LOCATIONS	NUMBER (N)	PERCENT
1 location	1,234	66.10
2–4 locations	561	30.05
5 or more locations	72	3.85
Total	1,867	100

FIGURE 5 – WORK LOCATIONS

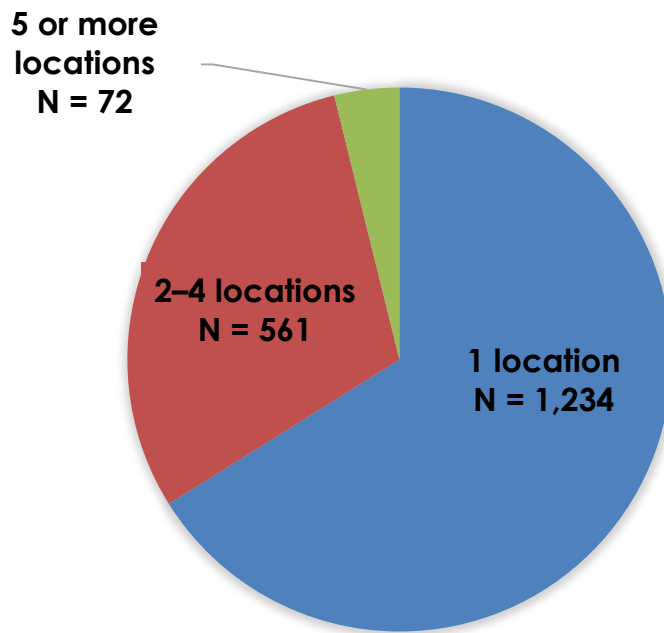


TABLE 6 – WORK SETTING

SETTING	NUMBER (N)	PERCENT
Sole practitioner	970	51.96
Independent contractor/associate	530	28.39
Multidisciplinary group	198	10.61
Hospital	39	2.09
Other	130	6.96
Total*	1,867	100.01

*NOTE: Percentages do not add to 100 due to rounding.

FIGURE 6 – WORK SETTING

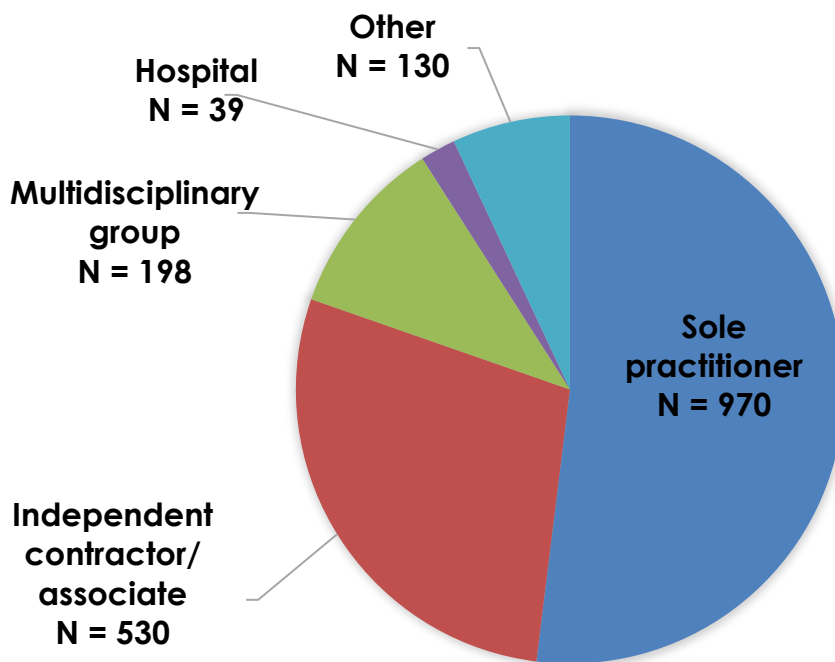


TABLE 7 – RESPONDENTS BY REGION

REGION NAME*	NUMBER (N)	PERCENT
Los Angeles County and Vicinity	706	34.8
North Coast	11	.54
Riverside and Vicinity	175	8.6
Sacramento Valley	137	6.8
San Diego County and Vicinity	186	9.2
San Francisco Bay Area	463	22.8
San Joaquin Valley	172	8.5
Shasta–Cascade	16	0.8
Sierra Mountain Valley	42	2.0
South Coast and Central Coast	120	5.9
Total**	2,028	99.9

*NOTE: Appendix A shows a more detailed breakdown of the frequencies by region. Respondents were asked to check all that apply.

**NOTE: Percentages do not add to 100 due to rounding.

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CHAPTER 4 | DATA ANALYSIS AND RESULTS

RELIABILITY OF RATINGS

OPES evaluated the task and knowledge ratings obtained from the questionnaire respondents with a standard index of reliability, coefficient alpha (α), which ranges from 0 to 1. Coefficient alpha is an estimate of the internal consistency of the respondents' ratings of the tasks. A higher coefficient value indicates more consistency between respondent ratings. Coefficients were calculated for all respondent ratings.

Table 8 shows the reliability coefficients for the task rating scale in each content area. The ratings of task frequency and task importance across content areas were highly reliable. These results indicate that the responding dentists rated the tasks consistently throughout the questionnaire.

TABLE 8 – TASK SCALE RELIABILITY

CONTENT AREA	NUMBER OF TASKS	α FREQUENCY	α IMPORTANCE
1. Patient Evaluation	12	0.89	0.88
2. Endodontics	9	0.96	0.96
3. Indirect Restoration	10	0.98	0.98
4. Direct Restoration	6	0.97	0.97
5. Oral Disease Prevention and Education	8	0.90	0.91
6. Periodontics	6	0.96	0.96
7. Fixed Partial Dentures	10	0.99	0.99
8. Removable Partial Dentures	8	0.99	0.99
9. Complete Dentures	7	0.99	0.99
10. Implant Restoration	8	0.97	0.97
11. Oral Surgery	7	0.96	0.96
12. Removable Appliance Therapy	14	0.97	0.96
13. Safety and Sanitation	9	0.91	0.91
14. Law	18	0.93	0.93
15. Ethics	17	0.92	0.93
Total	149		

TASK CRITICALITY INDICES

To calculate the criticality indices of the tasks, OPES test specialists used the following formula. For each respondent, OPES first multiplied the frequency rating (Fi) and the importance rating (Ii) for each task. Next, OPES averaged the multiplication products across respondents as shown below:

$$\text{Task criticality index} = \text{mean} [(Fi) \times (Ii)]$$

The tasks included in the survey are Appendix B, which includes mean frequency and importance ratings and their associated criticality indices.

OPES test specialists convened a workshop of 7 SMEs in April 2024. The purpose of this workshop was to identify the essential tasks and knowledge required for safe and competent dentist practice at the time of licensure. The SMEs reviewed the mean frequency and importance ratings for each task and its criticality index to determine whether to establish a cutoff value below which tasks should be eliminated. Based on their review of the relative importance of tasks to dentist practice, the SMEs determined that no cutoff value should be set and that all the tasks should be retained.

TASK-KNOWLEDGE LINKAGE

The SMEs who participated in the April 2024 workshop reviewed the preliminary assignments of the tasks and knowledge statements to content areas from the October 2023 workshop. The SMEs then confirmed the final linkage between tasks and knowledge statements.

CHAPTER 5 | DESCRIPTION OF PRACTICE

CONTENT AREAS AND WEIGHTS

The SMEs in the April 2024 workshop were also asked to finalize the weights of the content areas for the dentist description of practice. OPES test specialists presented the SMEs with preliminary weights of the content areas, which were calculated by dividing the sum of the criticality indices for the tasks in each content area by the overall sum of the criticality indices for all tasks, as shown below.

$$\frac{\text{Sum of Criticality Indices for Tasks in Content Area}}{\text{Sum of Criticality Indices for All Tasks}} = \text{Percent Weight of Content Area}$$

The SMEs evaluated the preliminary content area weights in terms of how well they reflected the relative importance of each content area to entry level practice of dentistry in California. Through discussion, the SMEs determined that adjustments to the preliminary weights were necessary to reflect the relative importance of each area to dentist practice more accurately.

TABLE 9 – CONTENT AREA WEIGHTS

CONTENT AREA	PRELIMINARY PERCENT WEIGHT	FINAL PERCENT WEIGHT
1. Patient Evaluation	11	12
2. Endodontics	5	5
3. Indirect Restoration	7	7
4. Direct Restoration	5	8
5. Oral Disease Prevention and Education	4	6
6. Periodontics	4	5
7. Fixed Partial Dentures	5	5
8. Removable Partial Dentures	4	4
9. Complete Dentures	3	4
10. Implant Restoration	4	4
11. Oral Surgery	5	5
12. Removable Appliance Therapy	4	4
13. Safety and Sanitation	11	11
14. Law	14	10
15. Ethics	14	10
Total	100	100

The SMEs reviewed the content areas and wrote descriptions for each area. A second group of 6 SMEs reviewed and approved the description of practice in June 2024. The final California Dentist Description of Practice is presented in Table 10.

TABLE 10 – CALIFORNIA DENTIST DESCRIPTION OF PRACTICE

Content Area 1. PATIENT EVALUATION (12%)

This area assesses the candidate's knowledge of conducting patient medical and dental evaluations to develop comprehensive dental treatment plans.

Tasks	Associated Knowledge Statements
T101. Conduct patient medical history assessment to determine whether treatment can be performed.	K1. Knowledge of methods used to elicit information from patient during medical history assessment. K2. Knowledge of conditions that require a medical referral. K3. Knowledge of medical conditions that prevent dental services from being performed. K4. Knowledge of conditions that require in office accommodation in order to proceed with treatment.
T102. Conduct patient dental history assessment to determine whether treatment can be performed.	K5. Knowledge of dental services within scope of practice. K6. Knowledge of methods used to elicit information from patient during dental history assessment. K7. Knowledge of conditions that require a dental referral. K8. Knowledge of conditions that require a medical referral.
T103. Refer patient to specialists when dental treatment needs exceed practitioner abilities.	K9. Knowledge of procedures for making a dental referral. K10. Knowledge of procedures for making a medical referral. K11. Knowledge of dental specialties and their scopes of practice.
T104. Review patient history and expectations with patient to inform treatment planning.	K12. Knowledge of methods to identify discrepancies or omissions in patient health history. K13. Knowledge of common pharmaceuticals and associated conditions. K14. Knowledge of methods used to determine if patient expectations for dental treatment can be achieved.
T105. Take patient vital signs to determine whether treatment can be performed.	K15. Knowledge of vital sign conditions that require a medical referral. K16. Knowledge of instruments and procedures used to take vital signs.

Content Area 1. PATIENT EVALUATION (12%), continued

This area assesses the candidate's knowledge of conducting patient medical and dental evaluations to develop comprehensive dental treatment plans.

Tasks	Associated Knowledge Statements
T106. Take radiographs of oral cavity and associated structures to determine treatment plan.	K17. Knowledge of types of radiographs and their applications. K18. Knowledge of instruments and procedures used to take radiographs.
T107. Interpret radiographs of oral cavity and associated structures to assess oral condition.	K19. Knowledge of oral pathologies and their appearance in a radiograph. K20. Knowledge of appearance of defective dental restorations in a radiograph. K21. Knowledge of representation of abnormal oral anatomy in a radiograph. K22. Knowledge of methods used to interpret radiograph results.
T108. Perform patient periodontal examination to assess periodontal condition.	K23. Knowledge of instruments and procedures used to perform periodontal examinations. K24. Knowledge of methods used to interpret results from periodontal examinations. K25. Knowledge of different stages and presentation of periodontal disease.
T109. Perform patient extraoral and intraoral examinations to detect anomalies and pathologies.	K26. Knowledge of methods used to detect oral cancer. K27. Knowledge of instruments and procedures used to perform extraoral and intraoral examinations. K28. Knowledge of methods used to interpret results from extraoral and intraoral examinations. K29. Knowledge of methods used to detect anomalies. K30. Knowledge of methods used to detect pathologies.
T110. Assess patient temporomandibular joint (TMJ) to identify TMJ disorders.	K31. Knowledge of instruments and procedures used to perform temporomandibular joint examinations. K32. Knowledge of methods used to interpret results from temporomandibular joint examinations. K33. Knowledge of instruments and procedures used to evaluate orofacial anatomy during facial oral examinations.
T111. Assess patient dentition by performing an oral examination.	K34. Knowledge of methods used to evaluate patient caries risk assessment. K35. Knowledge of criteria used for classification of orthodontic condition during oral examinations.

Content Area 1. PATIENT EVALUATION (12%), continued

This area assesses the candidate's knowledge of conducting patient medical and dental evaluations to develop comprehensive dental treatment plans.

Tasks	Associated Knowledge Statements
T112. Inform patient of alternatives, risks, benefits, and limitations of treatment options.	K36. Knowledge of education resources used to explain different treatment options to patients. K37. Knowledge of types of alternatives, risks, benefits, and limitations associated with dental instruments and procedures.

Content Area 2. ENDODONTICS (5%)

This area assesses the candidate's knowledge of diagnosing patient endodontic conditions, developing treatment plans, and performing endodontic therapy.

Tasks	Associated Knowledge Statements
T113. Assess endodontic condition of patient by performing endodontic examination and diagnosis.	<p>K38. Knowledge of contraindications and potential complications arising from root canal therapy.</p> <p>K39. Knowledge of instruments and procedures used to perform endodontic examinations.</p> <p>K40. Knowledge of methods used to interpret results from endodontic examinations.</p> <p>K41. Knowledge of methods used to assess whether a root fracture exists.</p> <p>K42. Knowledge of methods used to assess whether a tooth perforation exists.</p> <p>K43. Knowledge of methods used to assess whether canals have been filled.</p> <p>K44. Knowledge application of radiographs to root canal therapy.</p> <p>K45. Knowledge of indications for endodontic therapy.</p>
T114. Prepare for performing root canal therapy by administering anesthetics for pain control.	<p>K46. Knowledge of types of anesthetics used while performing root canal therapy.</p> <p>K47. Knowledge of techniques used to administer anesthetics during root canal therapy.</p> <p>K48. Knowledge of anesthetic pharmacology relating to root canal therapy.</p>
T115. Isolate tooth before performing root canal therapy to prevent contamination and injury to patient.	<p>K49. Knowledge of procedures and instruments used to isolate a tooth during root canal therapy</p> <p>K50. Knowledge of tooth morphology for root canal therapy.</p>
T116. Access pulp chamber and root canals to begin root canal therapy.	<p>K51. Knowledge of tooth morphology.</p> <p>K52. Knowledge of instruments and procedures used to access root canals.</p>
T117. Shape and clean canals to continue root canal therapy.	<p>K53. Knowledge of tooth morphology.</p> <p>K54. Knowledge of instruments and procedures used to shape and clean canals during root canal therapy.</p> <p>K55. Knowledge of instruments and procedures used to measure and determine the length of canals.</p> <p>K56. Knowledge of instruments and techniques used to irrigate root canals.</p>
T118. Obturate root canals by sealing canals to complete root canal filling.	<p>K57. Knowledge of tooth morphology.</p> <p>K58. Knowledge of instruments and procedures used to measure and determine the length of canals.</p> <p>K59. Knowledge of instruments and procedures used to fill root canals.</p> <p>K60. Knowledge of materials used to fill root canals.</p> <p>K61. Knowledge of methods used to assess whether canals have been filled.</p>

Content Area 2. ENDODONTICS (5%), continued

This area assesses the candidate's knowledge of diagnosing patient endodontic conditions, developing treatment plans, and performing endodontic therapy.

Tasks	Associated Knowledge Statements
T119. Seal coronal access to prevent contamination of root canal.	K62. Knowledge of instruments and procedures used to seal coronal access. K63. Knowledge of restorative materials used for sealing coronal access.
T120. Prepare tooth for final restoration.	K64. Knowledge of methods to place final restoration. K65. Knowledge of materials used to build up internal structure. K66. Knowledge of indications for placement of root canal posts and core. K67. Knowledge of instruments and procedures used to build up internal structure.
T121. Prescribe medication to patients for root canal therapy to control or prevent complications.	K68. Knowledge of medications to prescribe relating to root canal therapy. K69. Knowledge of pharmacology of medications used relating to root canal therapy.

Content Area 3. INDIRECT RESTORATION (7%)

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and performing indirect restorations.

Tasks	Associated Knowledge Statements
T122. Evaluate restorative condition, dentition, and associated structures of patient to assist in indirect restorative treatment planning.	K70. Knowledge of contraindications and potential complications arising from indirect restoration instruments and procedures. K71. Knowledge of procedures used to evaluate patient for indirect restorations. K72. Knowledge of indications for indirect restorations.
T123. Prepare for indirect restoration by administering anesthetics for pain control.	K73. Knowledge of techniques used to administer anesthetics during indirect restorations. K74. Knowledge of anesthetic pharmacology relating to indirect restorations. K75. Knowledge of techniques used during placement of pharmacologic agents for indirect restorations.
T124. Prepare tooth for indirect restoration to accommodate final restoration.	K76. Knowledge of instruments and procedures used to prepare teeth for indirect restorations. K77. Knowledge of techniques used during preparation of indirect restorations.
T125. Take impression of teeth to facilitate process of fabricating final restoration.	K78. Knowledge of instruments and procedures used to take impressions for final restorations. K79. Knowledge of methods used to assess accuracy of impressions for final restorations. K80. Knowledge of materials used to take impressions for final restorations. K81. Knowledge of methods used to take impressions for final restorations. K82. Knowledge of pharmacology of medications used during fixed partial denture instruments and procedures.
T126. Take records (e.g., bite registration, facebow) of oral cavity to facilitate process of fabricating indirect final restoration.	K83. Knowledge of instruments and procedures used to take records (e.g., bite registration, facebow) for final restorations. K84. Knowledge of instruments and procedures used to assess accuracy of records (e.g., bite registration, facebow) while preparing for final restorations. K85. Knowledge of methods used to take records for final restorations (e.g., digital bite registration). K86. Knowledge of materials used to take records (e.g., bite registration, facebow) for final restorations. K87. Knowledge of instruments used during provisional restorations.
T127. Fabricate provisional restoration to restore tooth.	K88. Knowledge of techniques used for constructing provisional restorations. K89. Knowledge of materials used to construct provisional restorations. K90. Knowledge of instruments used during provisional restorations.

Content Area 3. INDIRECT RESTORATION (7%), continued

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and performing indirect restorations.

Tasks	Associated Knowledge Statements
T128. Place provisional restoration to temporarily restore tooth.	K91. Knowledge of techniques used for placing provisional restorations. K92. Knowledge of temporary luting agents used for placement of provisional restorations. K93. Knowledge of methods used to check integrity (e.g., contacts, contours, margins, occlusion) of provisional restoration. K94. Knowledge of instruments used during provisional restorations.
T129. Remove provisional restoration from tooth.	K95. Knowledge of methods used to remove provisional restorations. K96. Knowledge of methods used to check integrity (e.g., contacts, contours, margins, occlusion) of indirect restorations.
T130. Assess indirect restoration by checking fit (e.g., contacts, contours, margins, occlusion) of restoration.	K97. Knowledge of radiographs as a tool to confirm seating of indirect restorations.
T131. Place indirect restoration on tooth to restore tooth form and function.	K98. Knowledge of methods used to check integrity (e.g., contacts, contours, margins, occlusion) of indirect restorations. K99. Knowledge of luting agents used for placement of indirect restorations. K100. Knowledge of techniques used for placing indirect restorations.

Content Area 4. DIRECT RESTORATION (8%)

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and performing direct restorations.

Tasks	Associated Knowledge Statements
T132. Evaluate restorative condition, dentition, and associated structures of patient to assist in direct restorative treatment planning.	K101. Knowledge of contraindications and potential complications arising from direct restoration instruments and procedures. K102. Knowledge of procedures used to evaluate patient for direct restorations. K103. Knowledge of criteria used to identify carious lesions K104. Knowledge of direct restoration restorative materials. K105. Knowledge of indications for direct restorations.
T133. Prepare tooth for direct restoration by administering anesthetics for pain control.	K106. Knowledge of types of anesthetics to use on patient while performing direct restorations. K107. Knowledge of techniques used to administer anesthetics during direct restorations. K108. Knowledge of anesthetic pharmacology relating to direct restorations.
T134. Isolate tooth before performing direct restoration to prevent contamination and injury to patient.	K109. Knowledge of techniques used to isolate teeth during direct restorations. K110. Knowledge of instruments and procedures used to isolate teeth for direct restorations.
T135. Prepare tooth for placing direct restoration by removing carious lesions and compromising features (e.g., decalcifications, unsupported enamel) from tooth.	K111. Knowledge of criteria used to identify carious lesions. K112. Knowledge of techniques used to remove carious lesions and prepare teeth for direct restorations.
T136. Place direct restorative material in tooth to restore form and function.	K113. Knowledge of techniques used to place direct restorations. K114. Knowledge of materials used during placement of direct restorations.
T137. Adjust and polish direct restoration to restore form and function.	K115. Knowledge of instruments used to adjust and polish direct restorations. K116. Knowledge of techniques used to adjust and polish direct restorations. K117. Knowledge of materials used to polish direct restorations.

Content Area 5. ORAL DISEASE PREVENTION AND EDUCATION (6%)

This area assesses the candidate's knowledge of performing oral disease prevention procedures and patient education.

Tasks	Associated Knowledge Statements
T138. Perform prophylaxis procedures by removing deposits from tooth surfaces to improve periodontal health.	K118. Knowledge of instruments and procedures used to debride teeth. K119. Knowledge of techniques used to polish teeth. K120. Knowledge of instruments and procedures to determine the presence of deposits. K121. Knowledge of methods used to floss teeth. K122. Knowledge of instruments used during prophylaxis. K123. Knowledge of medicaments and pharmacology used during prophylaxis.
T139. Apply fluoride to protect teeth after prophylaxis procedures.	K124. Knowledge of instruments and procedures used to apply fluoride to teeth.
T140. Apply sealants to teeth to prevent dental carious lesions.	K125. Knowledge of instruments and procedures used to apply sealants to teeth.
T141. Educate patients on oral hygiene and nutrition to assist patients in maintaining dental health.	K126. Knowledge of information to educate patients regarding oral hygiene and nutrition.
T142. Assess oral cavity to create a design for space maintainers.	K127. Knowledge of indications and contraindications for placement of space maintainers. K128. Knowledge of methods used to assess oral cavity to determine need for space maintainers. K129. Knowledge of types of space maintainers. K130. Knowledge of criteria for the placement of space maintainers. K131. Knowledge of materials used for space maintainers.
T143. Deliver space maintainers to prevent teeth migration.	K132. Knowledge of techniques to fit and deliver space maintainers.
T144. Remove space maintainers to allow for permanent teeth eruption.	K133. Knowledge of techniques to remove space maintainers. K134. Knowledge of criteria for the removal of space maintainers.
T145. Educate patients and guardians on postoperative instructions about space maintainers.	K135. Knowledge of postoperative complications arising from space maintainers. K136. Knowledge of postoperative care instructions for space maintainers.

Content Area 6. PERIODONTICS (5%)

This area assesses the candidate's knowledge of diagnosing patient periodontal condition, developing treatment plans, and performing periodontal therapy.

Tasks	Associated Knowledge Statements
T146. Develop treatment plan to treat periodontal disease.	K143. Knowledge of contraindications and potential complications arising from periodontal therapy. K144. Knowledge of methods used to develop treatment plans for patients with periodontal disease. K145. Knowledge of types of treatment used for patients with periodontal disease. K146. Knowledge of conditions that require periodontal therapy.
T147. Prepare patients for periodontal therapy by administering anesthetics for pain control.	K147. Knowledge of types of anesthetics to use on patients while performing periodontal therapy. K148. Knowledge of instruments and procedures used to administer anesthetics during periodontal therapy. K149. Knowledge of anesthetic pharmacology relating to periodontal therapy.
T148. Perform non-surgical periodontal therapy to improve periodontal health.	K150. Knowledge of instruments and procedures to determine the presence of deposits during periodontal therapy. K151. Knowledge of instruments and procedures used to remove deposits during periodontal therapy. K152. Knowledge of pharmacological agents used for periodontal therapy. K154. Knowledge of methods used to evaluate patient periodontal condition after periodontal treatment.
T149. Reevaluate patient periodontal condition after periodontal therapy to determine whether additional treatment is needed.	K153. Knowledge of techniques used to polish teeth to complete periodontal therapy. K155. Knowledge of conditions that indicate the need for a referral to a periodontist.
T150. Develop protocol for periodontal maintenance.	K156. Knowledge of methods used to educate patients about periodontal disease and prevention.

Content Area 6. PERIODONTICS (5%), continued

This area assesses the candidate's knowledge of diagnosing patient periodontal condition, developing treatment plans, and performing periodontal therapy.

Tasks	Associated Knowledge Statements
T151. Assess periodontal condition of patient by performing periodontal examination and diagnosis.	K137. Knowledge of contraindications and complications arising from periodontal condition. K138. Knowledge of instruments and procedures used to perform periodontal examinations. K139. Knowledge of methods used to interpret results from periodontal examinations. K140. Knowledge of periodontal conditions that require surgical intervention. K141. Knowledge of indications for periodontal therapy. K142. Knowledge application of radiographs to periodontal condition.

Content Area 7. FIXED PARTIAL DENTURES (5%)

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and preparing fixed partial dentures.

Tasks	Associated Knowledge Statements
T152. Evaluate patient restorative condition, dentition, and associated structures to assist in fixed partial denture restorative treatment planning.	K177. Knowledge of contraindications and complications associated with fixed partial denture procedures. K178. Knowledge of methods used to perform examinations for fixed partial dentures. K180. Knowledge of indications for fixed partial dentures. K181. Knowledge of design and application of fixed partial dentures. K184. Knowledge of anesthetic pharmacology relating to indirect restorations. K187. Knowledge of methods used to assess preparation design of abutment teeth.
T153. Prepare teeth for fixed partial denture preparation by administering anesthetics for pain control.	K68. Knowledge of techniques used to administer anesthetics during indirect restorations. K69. Knowledge of anesthetic pharmacology relating to indirect restorations. K75. Knowledge of techniques used during placement of pharmacologic agents for indirect restorations.
T154. Prepare abutments for fixed partial dentures to accommodate final restorations.	K161. Knowledge of techniques used for preparation of abutments for final restoration. K162. Knowledge of methods used to assess preparation design of abutment teeth. K163. Knowledge of materials used for preparation of abutment teeth. K182. Knowledge of techniques used during placement of pharmacologic agents for fixed partial dentures.
T155. Take impressions of teeth to facilitate process of fabricating fixed partial dentures.	K190. Knowledge of techniques used to take impressions for fixed partial dentures. K178. Knowledge of methods used to perform examinations for fixed partial dentures. K192. Knowledge of materials used to take impressions for fixed partial dentures.
T156. Take bite registration records of oral cavity to facilitate process of fabricating fixed partial dentures.	K194. Knowledge of instruments and procedures used to take bite registration records for fixed partial dentures. K195. Knowledge of methods used to assess accuracy of bite registration records while preparing fixed partial dentures. K198. Knowledge of materials used to construct fixed partial dentures for provisional restorations.
T157. Fabricate provisional restorations to restore teeth before placement of fixed partial dentures.	K197. Knowledge of techniques used for constructing fixed partial dentures for provisional restorations. K198. Knowledge of materials used to construct fixed partial dentures for provisional restorations.

Content Area 7. FIXED PARTIAL DENTURES (5%), continued

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and preparing fixed partial dentures.

Tasks	Associated Knowledge Statements
T158. Place provisional restorations to temporarily restore teeth before placement of fixed partial dentures.	K199. Knowledge of purposes of placing provisional restorations before placing fixed partial dentures. K200. Knowledge of instruments and procedures used to place provisional restorations. K201. Knowledge of materials used for placement of provisional fixed partial dentures. K202. Knowledge of methods used to assess fit of provisional fixed partial dentures before placement.
T159. Remove provisional restorations from mouth and assess condition of oral tissues.	K203. Knowledge of techniques used to remove provisional restorations from mouth before fitting fixed partial dentures. K204. Knowledge of instruments and procedures used to remove provisional restorations.
T160. Assess fixed partial dentures before final placement by checking fit of restorations.	K205. Knowledge of methods used to check integrity (e.g., pontics, connectors, contacts, contours, margins, occlusion) of fixed partial dentures. K206. Knowledge of radiographs as a tool to confirm seating of indirect restorations.
T161. Place fixed partial dentures on abutments to restore form and function of oral cavity.	K207. Knowledge of instruments and procedures used during fixed partial denture placement. K208. Knowledge of materials used for placement of final fixed partial dentures.

Content Area 8. REMOVABLE PARTIAL DENTURES (4%)

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plan, and designing and delivering removable partial dentures.

Tasks	Associated Knowledge Statements
T162. Assess oral tissues to create design for removable partial dentures.	K209. Knowledge of contraindications and complications associated with removable partial dentures. K210. Knowledge of criteria used to identify teeth modifications in preparation for fabrication of removable partial dentures. K211. Knowledge of indications for removable partial dentures. K212. Knowledge of design and application of removable partial dentures.
T163. Prepare remaining dentition (e.g., rest seats, guide planes) and oral tissues for fabrication of removable partial dentures.	K213. Knowledge of instruments and procedures used to prepare oral tissues for removable partial dentures. K214. Knowledge of anesthetic pharmacology relating to removable partial dentures. K215. Knowledge of criteria for the use of anesthetic for removable partial dentures procedures.
T164. Take impressions of oral tissues to facilitate process of fabricating removable partial dentures.	K216. Knowledge of techniques used to take impressions for removable partial dentures. K217. Knowledge of methods used to assess accuracy of impressions for removable partial dentures. K218. Knowledge of methods used to take impressions for removable partial dentures.
T165. Take bite registration records to facilitate process of fabricating removable partial dentures.	K219. Knowledge of instruments and procedures used to take bite registration records for removable partial dentures. K220. Knowledge of methods used to assess accuracy of bite registration records for removable partial dentures. K221. Knowledge of materials used to take bite registration records for removable partial dentures.
T166. Perform trial fit of removable partial denture components.	K222. Knowledge of methods used to assess fit of removable partial denture components. K223. Knowledge of criteria for assessing the quality of constructed partial denture framework and teeth setup.
T167. Deliver removable partial dentures to restore form and function.	K224. Knowledge of methods used to assess fit of removable partial denture components. K225. Knowledge of instruments and procedures used to deliver removable partial dentures.
T168. Reevaluate removable partial denture fit and function and perform adjustments.	K227. Knowledge of methods used to assess fit of removable partial denture components. K228. Knowledge of instruments and procedures used to adjust removable partial dentures.

Content Area 8. REMOVABLE PARTIAL DENTURES (4%), continued

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plan, and designing and delivering removable partial dentures.

Tasks	Associated Knowledge Statements
T169. Review home care instructions with patient for use and care of removable partial dentures.	K226. Knowledge of home care instructions for patients using removable partial dentures.

Content Area 9. COMPLETE DENTURES (4%)

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing a treatment plans, and designing and delivering complete dentures.

Tasks	Associated Knowledge Statements
T170. Assess oral tissues to create designs for removable complete dentures.	K229. Knowledge of contraindications and complications associated with removable complete dentures. K230. Knowledge of methods used to create designs for complete dentures. K231. Knowledge of criteria used to assess patient oral conditions that affect design of complete dentures. K232. Knowledge of indications for removable complete dentures. K233. Knowledge of design and application of complete dentures.
T171. Deliver removable complete dentures to restore form and function.	K242. Knowledge of methods used to assess fit of removable complete denture components. K243. Knowledge of instruments and procedures used to deliver removable complete dentures.
T172. Reevaluate removable complete denture fit and function and perform adjustments.	K245. Knowledge of methods used to assess fit of removable complete denture components. K246. Knowledge of instruments and procedures used to adjust removable complete dentures.
T173. Take impression of oral tissues to facilitate process of fabricating complete dentures.	K237. Knowledge of instruments and procedures used to take facebow and bite registration records for complete dentures. K238. Knowledge of methods used to assess accuracy of facebow and bite registration records for complete dentures. K239. Knowledge of materials used to take facebow and bite registration records for complete dentures.
T174. Take facebow and bite registration records to facilitate process of fabricating complete dentures.	K240. Knowledge of methods used to assess fit of complete dentures. K241. Knowledge of criteria for assessing the quality of constructed complete denture and teeth setup.
T175. Perform trial fit of complete dentures to determine whether lab processing of complete dentures can be performed.	K234. Knowledge of criteria used to assess accuracy of impressions for complete dentures. K235. Knowledge of methods used to take impressions for complete dentures. K236. Knowledge of materials used to take impressions for complete dentures.

Content Area 9. COMPLETE DENTURES (4%), continued

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing a treatment plans, and designing and delivering complete dentures.

Tasks	Associated Knowledge Statements
T176. Review home care instructions with patient for use and care of complete dentures.	K244. Knowledge of home care instructions for patients using removable complete dentures.

Content Area 10. IMPLANT RESTORATION (4%)

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and delivering implant restorations.

Tasks	Associated Knowledge Statements
T177. Evaluate existing implants and oral tissues for implant restorations.	K247. Knowledge of contraindications and potential complications arising from implant instruments and procedures. K248. Knowledge of indications for implant restoration. K249. Knowledge of methods used for designing implant restorations. K250. Knowledge of instruments and procedures used to perform examinations for implants. K251. Knowledge of methods used to interpret results from examinations for implant restorations. K252. Knowledge of types of radiographs used during implant instruments and procedures.
T178. Take impressions of implant and oral tissues to facilitate process of fabricating implant restorations.	K253. Knowledge of materials used for implant impressions. K254. Knowledge of techniques used to take impressions for implant restorations. K255. Knowledge of criteria used to assess accuracy of impressions for implant restorations.
T179. Take bite registration records for the fabrication of implant restorations.	K256. Knowledge of criteria used to assess accuracy of records for implant restorations. K257. Knowledge of instruments and procedures used to take records for implant restorations. K258. Knowledge of materials used to take records for implant restorations.
T180. Fabricate provisional restorations to restore implants.	K259. Knowledge of design and application of provisional restoration. K260. Knowledge of materials used to construct provisional restorations.
T181. Place provisional restorations to temporarily restore implants.	K261. Knowledge of instruments and procedures used to place provisional restorations. K266. Knowledge of instruments used for placing implant restorations in oral cavity.
T182. Assess integrity of implant restorations.	K263. Knowledge of radiographs as a tool to confirm seating of implant restorations. K264. Knowledge of methods used to check integrity (e.g., contacts, contours, margins, occlusion) of implant restorations. K265. Knowledge of methods used to perform adjustments on implant restorations. K266. Knowledge of instruments used for placing implant restorations in oral cavity.
T183. Place implant restorations to restore form and function.	K267. Knowledge of instruments and procedures used to place implant restorations. K268. Knowledge of methods used to perform adjustments on implant restorations.

Content Area 10. IMPLANT RESTORATION (4%), continued

This area assesses the candidate's knowledge of diagnosing patient restorative needs, developing treatment plans, and delivering implant restorations.

Tasks	Associated Knowledge Statements
T184. Review home care instructions with patient for use and care of implant restorations.	K269. Knowledge of home care instructions for patients using implant restorations.

Content Area 11. ORAL SURGERY (5%)

This area assesses the candidate's knowledge of diagnosing patient oral conditions, developing treatment plans, and performing oral surgical procedures.

Tasks	Associated Knowledge Statements
T185. Evaluate patient oral condition, dentition, and associated structures to assist in oral surgery treatment planning.	K270. Knowledge of contraindications and complications associated with oral surgery treatment. K271. Knowledge of indications for oral surgery. K272. Knowledge of instruments and procedures used to perform examinations for oral surgery. K273. Knowledge of criteria used to interpret results from examinations for oral surgery. K274. Knowledge of types of radiographs used for oral surgery procedures. K275. Knowledge of pharmacology of medications used for oral surgery.
T186. Prepare patient for oral surgery by administering anesthetics for pain control.	K276. Knowledge of types of anesthetics used for oral surgery. K277. Knowledge of techniques used to administer anesthetics for oral surgery. K278. Knowledge of anesthetic pharmacology relating to oral surgery.
T187. Perform oral surgery procedures.	K279. Knowledge of timeout protocol for oral surgery. K280. Knowledge of instruments and procedures used to perform oral surgery. K281. Knowledge of techniques used to perform oral surgery.
T188. Place sutures in surgical area after oral surgery to facilitate healing process.	K282. Knowledge of instruments and procedures used for placing sutures. K283. Knowledge of techniques used to place sutures. K284. Knowledge of materials for placing sutures.
T189. Perform postoperative procedures and address complications associated with oral surgery.	K285. Knowledge of instruments and procedures used to address complications associated with oral surgery. K286. Knowledge of indications of complications associated with oral surgery. K287. Knowledge of instruments and post operative procedures associated with oral surgery.
T190. Prescribe medication to patient for oral surgery to control pain and prevent postoperative complications.	K288. Knowledge of types of medications to prescribe for oral surgery. K289. Knowledge of pharmacology of medications used for oral surgery.
T191. Review home care instructions with patient after oral surgery.	K290. Knowledge of home care instructions for patients associated with oral surgery.

Content Area 12. REMOVABLE APPLIANCE THERAPY (4%)

This area assesses the candidate's knowledge of procedures to determine patient need for removable appliance therapy and to deliver appliances with instructions to patients.

Tasks	Associated Knowledge Statements
T192. Evaluate patient to establish suitability for teeth whitening treatments.	K291. Knowledge of contraindications and potential complications arising from teeth whitening instruments and procedures. K292. Knowledge of indications for teeth whitening treatment. K293. Knowledge of teeth whitening systems and their applications.
T193. Take impressions of teeth to fabricate whitening trays.	K294. Knowledge of techniques used to take impressions for whitening trays. K295. Knowledge of methods used to assess accuracy of impressions for whitening trays. K296. Knowledge of instruments and materials used to take impressions for whitening trays.
T194. Fabricate whitening trays to facilitate delivery of whitening agent to teeth.	K297. Knowledge of materials used for teeth whitening trays. K298. Knowledge of techniques used for constructing whitening trays. K299. Knowledge of instruments and materials used to construct whitening trays.
T195. Deliver whitening trays and whitening agent to facilitate teeth whitening process.	K300. Knowledge of potential complications arising from teeth whitening. K301. Knowledge of instruments and procedures used to perform teeth whitening.
T196. Prepare for in-office teeth whitening procedures by isolating teeth to protect face and oral cavity.	K302. Knowledge of methods used to isolate teeth during in-office teeth whitening. K303. Knowledge of instruments and procedures used to isolate teeth during teeth whitening.
T197. Perform in-office teeth whitening procedures by applying whitening agents to improve patient aesthetics.	K301. Knowledge of instruments and procedures used to perform teeth whitening. K304. Knowledge of materials used for teeth whitening. K306. Knowledge of methods used to evaluate effectiveness of teeth whitening agents.
T198. Review home care instructions with patient for teeth whitening.	K307. Knowledge of potential complications arising from teeth whitening. K308. Knowledge of patient home care instructions to use teeth whitening systems. K309. Knowledge of patient home care instructions to achieve optimal results.
T199. Evaluate patient condition, dentition, and associated structures of patient to assist in occlusal appliance therapy treatment planning.	K157. Knowledge of complications arising from occlusal appliance therapy. K158. Knowledge of indications for occlusal appliance therapy. K159. Knowledge of instruments and procedures used to perform examinations for occlusal appliance therapy. K160. Knowledge of methods used to design occlusal appliances. K161. Knowledge of indications for occlusal splint therapy. K162. Knowledge of methods used to interpret results from examination for occlusal appliance therapy.

Content Area 12. REMOVABLE APPLIANCE THERAPY (4%), continued

This area assesses the candidate's knowledge of procedures to determine patient need for removable appliance therapy and to deliver appliances with instructions to patients.

Tasks	Associated Knowledge Statements
T200. Take impression of oral cavity to facilitate process of fabricating occlusal appliance.	K164. Knowledge of methods used to assess accuracy of impressions for occlusal appliances. K166. Knowledge of instruments used while constructing occlusal appliances.
T201. Take bite registration records to facilitate process of fabricating occlusal appliance.	K167. Knowledge of instruments and procedures used to take bite registration records for occlusal appliances. K159. Knowledge of instruments and procedures used to perform examinations for occlusal appliance therapy. K169. Knowledge of materials and methods used to take bite registration records for occlusal appliances. K170. Knowledge of instruments and procedures used while constructing occlusal appliances.
T202. Fabricate occlusal appliance to facilitate treatment of patient parafunctional habits.	K171. Knowledge of materials used to construct occlusal appliances. K170. Knowledge of instruments and procedures used while constructing occlusal appliances.
T203. Deliver occlusal appliance to facilitate treatment of patient parafunctional habits.	K173. Knowledge of instruments and procedures used to deliver occlusal appliances. K174. Knowledge of instruments and procedures to perform adjustments of occlusal appliances.
T204. Review home care instructions with patient for use and care of occlusal appliances.	K175. Knowledge of home care instructions for patients using occlusal appliances.
T205. Reevaluate fit and function of occlusal appliances and perform adjustments.	K174. Knowledge of instruments and procedures to perform adjustments of occlusal appliances.

Content Area 13. SAFETY AND SANITATION (11%)

This area assesses the candidate's knowledge of procedures used to prevent injury and the spread of diseases in dental services by following regulations on safety, disinfection, and sterilization.

Tasks	Associated Knowledge Statements
T206. Follow safety precautions to protect patients throughout dental treatment.	K310. Knowledge of methods used to prepare patients before dental treatments. K311. Knowledge of materials used to facilitate patient safety precautions.
T207. Sanitize hands in preparation for dental treatment by washing with soap and water.	K312. Knowledge of methods used to sanitize hands before performing dental treatments. K313. Knowledge of methods used to minimize contamination and spread of infection.
T208. Protect exposed areas by wearing personal protective equipment to prevent contamination and injury.	K314. Knowledge of personal protective equipment used in dental settings. K315. Knowledge of procedures to prevent contamination or injury in dental settings. K313. Knowledge of methods used to minimize contamination and spread of infection.
T209. Sterilize dental instruments to prepare for dental treatment.	K317. Knowledge of methods and materials used to sterilize dental instruments. K318. Knowledge of methods used to assess sterilization of dental instruments. K313. Knowledge of methods used to minimize contamination and spread of infection.
T210. Disinfect dental equipment to prevent contamination.	K320. Knowledge of methods and materials used to disinfect dental equipment. K313. Knowledge of methods used to minimize contamination and spread of infection.
T211. Disinfect work area to prevent contamination.	K322. Knowledge of methods and materials used to disinfect work area. K313. Knowledge of methods used to minimize contamination and spread of infection.
T212. Discard disposable items after dental treatment to prevent spread of infection.	K315. Knowledge of procedures to prevent contamination or injury in dental settings. K325. Knowledge of procedures used to dispose of items after dental treatments.
T213. Store medications in secure area to protect against unauthorized access.	K326. Knowledge of methods used to securely store medications.
T214. Maintain emergency protocol within dental office to ensure patient and staff safety.	K327. Knowledge of emergency protocol used in dental office to ensure patient and staff safety.

Content Area 14. LAW (10%)

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
T301. Comply with legal requirements regarding the release of patient information.	K1011. Knowledge of laws related to sharing HIV status of patients. K1012. Knowledge of laws related to sharing patient information with guardians. K1013. Knowledge of laws related to sharing patient information with financially responsible parties. K1014. Knowledge of laws related to sharing patient information with collection agencies. K1015. Knowledge of laws related to sharing patient information when records are audited. K1016. Knowledge of laws related to sharing patient information when records are subpoenaed. K1017. Knowledge of criteria to determine if information is confidential according to HIPAA.
T304. Comply with legal requirements when documenting dental treatment.	K1021. Knowledge of laws related to documentation of patient prescriptions. K1022. Knowledge of laws related to alterations of medical and dental records.
T305. Comply with legal requirements for storage and disposal of patient records.	K1031. Knowledge of laws related to storage and disposal of records when closing a dental practice. K1032. Knowledge of laws related to the security of stored records.
T306. Comply with legal requirements in the event of suspected unauthorized access to patient medical or dental records.	K1041. Knowledge of obligation to inform patients in the event of suspected unauthorized access to their records. K1042. Knowledge of required information to disclose to patients in the event of suspected unauthorized access to their records.

Content Area 14. LAW (10%), continued

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
T307. Respond to requests for records in accordance with legal requirements.	K1051. Knowledge of legal criteria which prohibit dentists from sharing records. K1052. Knowledge of criteria which require dentists to share records. K1053. Knowledge of laws that define timelines to comply with records requests. K1054. Knowledge of methods for sharing dental records.
T309. Comply with legal requirements for advertisement of services and professional qualifications.	K1061. Knowledge of laws related to advertisement of specialization. K1062. Knowledge of laws related to the use of patients in advertising. K1063. Knowledge of laws related to fees in advertisements. K1064. Knowledge of required disclosures in advertisements. K1065. Knowledge of laws related to the use of fictitious names.
T310. Comply with legal requirements regarding scope of practice in the provision of services.	K1071. Knowledge of laws and regulations that define dentist scope of practice. K1072. Knowledge of procedures general dentists can perform that require additional certification.
T312. Supervise dental auxiliaries in accordance with regulations.	K1081. Knowledge of laws and regulations defining the scope of practice for auxiliaries. K1082. Knowledge of procedures used to supervise auxiliaries.
T313. Comply with OSHA standards regarding management of hazardous and biohazardous materials.	K1091. Knowledge of laws related to the disposal of hazardous waste. K1092. Knowledge of laws related to the disposal of bio-hazardous waste. K1093. Knowledge of laws and regulations related to disinfection and sanitation in the dental setting. K1094. Knowledge of methods for disposing of amalgam.
T318. Prepare for medical emergencies in accordance with the law.	K1111. Knowledge of laws establishing the requirements for a dental patient emergency kit. K1112. Knowledge of OSHA requirements for employee emergency kits. K1113. Knowledge of training requirements to prepare for medical emergencies.

Content Area 14. LAW (10%), continued

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
T308. Record and report suspected abuse, neglect, or exploitation in accordance with mandated reporting laws.	K1121. Knowledge of laws and regulations related to mandated reporting of suspected abuse. K1122. Knowledge of methods for recording evidence of abuse.
T314. Comply with legal requirements regarding sexual harassment.	K1131. Knowledge of laws related to allegations of sexual harassment.
T315. Comply with legal requirements involving protected classes (e.g., race, gender) when providing dental care.	K1141. Knowledge of laws establishing protected classes and their application to accepting new patients and ending patient-dentist relationships. K1142. Knowledge of laws requiring accommodation (e.g., sign language interpreter) for protected classes.
T316. Comply with legal requirements when estimating fees and billing patients for dental treatments.	K1151. Knowledge of laws that require an estimate of fees prior to dental treatment. K1152. Knowledge of laws that limit the fee based on the initial estimate. K1153. Knowledge of laws related to fees for dental treatment.
T302. Comply with legal standards regarding guidelines for consent to treat patients.	K1161. Knowledge of legal criteria that allow a minor to give consent for dental treatment. K1162. Knowledge of legal criteria to acquire consent for the treatment of patients with cognitive impairment. K1163. Knowledge of laws and regulations regarding consent to treat patients.
T303. Comply with telehealth laws and regulations when providing dental treatment or consultations remotely.	K1171. Knowledge of criteria for accepting new patient using telehealth. K1172. Knowledge of laws related to acquiring consent for telehealth consultation and treatment. K1173. Knowledge of laws and regulations establishing security requirements for telehealth dental treatment and consultations.

Content Area 14. LAW (10%), continued

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
T311. Prescribe medications to patients in accordance with laws and regulations.	K1181. Knowledge of laws for using Controlled Substance Utilization Review and Evaluation System (CURES). K1182. Knowledge of laws regarding the prescription of opioids to minors. K1183. Knowledge of laws that limit prescriptions to conditions within the dentist's scope of practice.
T317. Comply with laws requiring posted documentation in dental settings.	K1101. Knowledge of laws defining the documents that must be posted in a dental setting.

Content Area 15. ETHICS (10%)

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
T405. Confirm understanding of risks, benefits, and alternatives to treatment by all interested parties.	K2011. Knowledge of methods for communicating with patients with barriers to understanding their treatment plan.
T408. Inform patients of current oral conditions.	K2021. Knowledge of ethical guidelines that apply to the presentation of treatment options. K2022. Knowledge of ethical obligation to notify patients of iatrogenic changes in their oral health.
T409. Inform patients of oral health conditions that require future dental care.	K2031. Knowledge of obligation to share associated risk of non-treatment. K2032. Knowledge of obligation to educate patients on dental conditions and their associated risks. K2033. Knowledge of methods to educate patients concerning common misconceptions regarding dental materials and treatments. K2034. Knowledge of obligation to manage patient expectations regarding the outcome of dental treatments.
T411. Manage communications between dentist, patient, and previous dentist in accordance with ethical standards.	K2041. Knowledge of ethical concerns when discussing the treatment from another dentist with patients.
T413. Provide information about alternative treatments.	K2051. Knowledge of obligation to educate patient about alternative treatments. K2052. Knowledge of methods to involve the patient in treatment planning when multiple parties are involved in the decision-making process.

Content Area 15. ETHICS (10%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
T404. Comply with telehealth ethical guidelines when providing dental treatment or consultations.	K2061. Knowledge of criteria to determine when telehealth is clinically appropriate. K2062. Knowledge of methods for providing telehealth treatment and consultations. K2063. Knowledge of ethical requirements related to date of treatment when billing insurance.
T406. Follow ethical principles related to managing referred patients.	K2071. Knowledge of ethical guidelines that promote continuity of care for referred patients. K2072. Knowledge of ethical guidelines that prioritize patient autonomy for referred patients. K2073. Knowledge of ethical guidelines related to accepting gifts or compensation for referrals.
T415. Refer patients to another professional when patient welfare will be safeguarded or advanced.	K2081. Knowledge of obligation to refer when patient needs exceed dentist level of competence. K2082. Knowledge of medical conditions that necessitate additional medical information or referral. K2083. Knowledge of obligation to establish network of professional support. K2084. Knowledge of ethical guidelines related to offering gifts or compensation for referrals.
T401. Acknowledge and address dentist impairment that could endanger patients or dental staff.	K2091. Knowledge of the ethical obligation to seek physician advice when dentist ability to practice has been impaired. K2092. Knowledge of obligation to modify activities of practice based on dentist impairment to ensure patient and staff safety. K2093. Knowledge of conditions that require dentist enrollment in a diversion program.
T402. Comply with ethical guidelines when billing insurance for services.	K2101. Knowledge of ethical requirements related to accuracy of information when billing insurance.

Content Area 15. ETHICS (10%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
T407. Inform dental community of observations of serious adverse reactions to drugs or dental materials and devices.	K2111. Knowledge of requirements to inform community when serious adverse reactions are observed.
T410. Maintain continuity of care for dental patients.	K2121. Knowledge of protocol for discontinuing a dentist-patient relationship. K2122. Knowledge of methods for promoting continuity of care when there is an interruption in the dentist's ability to provide care. K2123. Knowledge of ethical guidelines regarding patient records when accepting a new patient. K2124. Knowledge of ethical guidelines relating to continuity of care when a dental provider relocates.
T412. Promote a respectful workplace to encourage collaboration with and optimal outcomes for patients.	K2131. Knowledge of methods for fostering a healthy work environment.
T416. Report other professionals to enforcement agencies to protect patient health.	K2142. Knowledge of situations that require dentists to report professionals to enforcement agencies.
T403. Comply with requirements associated with possible patient exposure to bloodborne pathogens or other infectious material.	K2151. Knowledge of ethical guidelines regarding possible exposure of patients to bloodborne pathogens or other infectious materials. K2152. Knowledge of conditions in which a dentist must disclose their test results and medical history with patients who were possibly exposed to bloodborne pathogens.
T414. Provide patients access to emergency treatment.	K2161. Knowledge of ethical obligations in the event of a dental emergency during business hours. K2162. Knowledge of methods for providing access to emergency treatment outside of business hours.

Content Area 15. ETHICS (10%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
T417. Treat patients at or above the standard of care for diagnosed conditions.	K2171. Knowledge of criteria used to evaluate new or experimental treatment. K2172. Knowledge of ethical guidelines that define overtreatment. K2173. Knowledge of ethical guidelines that define unnecessary treatment. K2174. Knowledge of criteria for evaluation of patient reactions.

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CHAPTER 6 | CALIFORNIA DENTIST LAW AND ETHICS EXAMINATION OUTLINE

Currently, California licensure as a dentist is granted by meeting the education and experience requirements and passing the Integrated National Board Dental Examination and the California Dentist Laws and Ethics Examination (LEX), and completing one of the following four pathways:

1. Pass the Dental Board of California Dental Portfolio Examination
2. Pass the CDCA-WREB-CITA Dental ADEX Examination (ADEX)
3. Obtain Licensure by Credential
4. Obtain Licensure by Residency

The SMEs who participated in the April 2024 workshop were also asked to develop an examination outline for the LEX. The SMEs were provided a description, format, and purpose of the LEX.

CONTENT AREAS AND WEIGHTS

The SMEs in the April 2024 workshop reviewed the tasks and associated knowledge statements in the Law and Ethics content areas. The SMEs were asked to determine the weights for the two major content areas on the LEX. After thorough discussion, the SMEs determined that the LEX should be 50% Law and 50% Ethics. The SMEs also determined the subareas and subarea weights. In June 2024, a second group of 6 SMEs reviewed and approved the final law and ethics examination outline.

A summary of content area and subarea weights for the LEX is presented in Table 11. The LEX examination outline is presented in Table 12. The tasks and knowledge statements have been renumbered.

TABLE 11 – CALIFORNIA DENTIST LAW AND ETHICS EXAMINATION OUTLINE

CONTENT AREA	AREA WEIGHTS	SUBAREA WEIGHTS
1. Law	50%	
1A. Patient Information		15%
1B. Dental Practice Owners		20%
1C. Patient Care		15%
2. Ethics	50%	
2A. Patient Education		16%
2B. Continuity of Care		12%
2C. Emergency Treatment		4%
2D. Community Welfare		18%
	Total	100%
		100%

TABLE 12 – EXAMINATION OUTLINE: CALIFORNIA DENTIST LAW AND ETHICS EXAMINATION

Content Area 1. LAW (50%)

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
1A. Patient Information	
T101. Comply with legal requirements regarding the release of patient information.	K1011. Knowledge of laws related to sharing HIV status of patients. K1012. Knowledge of laws related to sharing patient information with guardians. K1013. Knowledge of laws related to sharing patient information with financially responsible parties. K1014. Knowledge of laws related to sharing patient information with collection agencies. K1015. Knowledge of laws related to sharing patient information when records are audited. K1016. Knowledge of laws related to sharing patient information when records are subpoenaed. K1017. Knowledge of criteria to determine if information is confidential according to HIPAA.
T102. Comply with legal requirements when documenting dental treatment.	K1021. Knowledge of laws related to documentation of patient prescriptions. K1022. Knowledge of laws related to alterations of medical and dental records.
T103. Comply with legal requirements for storage and disposal of patient records.	K1031. Knowledge of laws related to storage and disposal of records when closing a dental practice. K1032. Knowledge of laws related to the security of stored records.
T104. Comply with legal requirements in the event of suspected unauthorized access to patient medical or dental records.	K1041. Knowledge of obligation to inform patients in the event of suspected unauthorized access to their records. K1042. Knowledge of required information to disclose to patients in the event of suspected unauthorized access to their records.
T105. Respond to requests for records in accordance with legal requirements.	K1051. Knowledge of legal criteria which prohibit dentists from sharing records. K1052. Knowledge of criteria which require dentists to share records. K1053. Knowledge of laws that define timelines to comply with records requests. K1054. Knowledge of methods for sharing dental records.

Content Area 1. LAW (50%), continued

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
1B. Dental Practice Owners	
T106. Comply with legal requirements for advertisement of services and professional qualifications.	K1061. Knowledge of laws related to advertisement of specialization. K1062. Knowledge of laws related to the use of patients in advertising. K1063. Knowledge of laws related to fees in advertisements. K1064. Knowledge of required disclosures in advertisements. K1065. Knowledge of laws related to the use of fictitious names.
T108. Supervise dental auxiliaries in accordance with regulations.	K1081. Knowledge of laws and regulations defining the scope of practice for auxiliaries. K1082. Knowledge of procedures used to supervise auxiliaries.
T109. Comply with OSHA standards regarding management of hazardous and biohazardous materials.	K1091. Knowledge of laws related to the disposal of hazardous waste. K1092. Knowledge of laws related to the disposal of bio-hazardous waste. K1093. Knowledge of laws and regulations related to disinfection and sanitation in the dental setting. K1094. Knowledge of methods for disposing of amalgam.
T110. Comply with laws requiring posted documentation in dental settings.	K1101. Knowledge of laws defining the documents that must be posted in a dental setting.
T111. Prepare for medical emergencies in accordance with the law.	K1111. Knowledge of laws establishing the requirements for a dental patient emergency kit. K1112. Knowledge of OSHA requirements for employee emergency kits. K1113. Knowledge of training requirements to prepare for medical emergencies.
T112. Record and report suspected abuse, neglect, or exploitation in accordance with mandated reporting laws.	K1121. Knowledge of laws and regulations related to mandated reporting of suspected abuse. K1122. Knowledge of methods for recording evidence of abuse.
T113. Comply with legal requirements regarding sexual harassment.	K1131. Knowledge of laws related to allegations of sexual harassment.

Content Area 1. LAW (50%), continued

This area assesses the candidate's knowledge of legal obligations, including patient confidentiality, professional conduct, and information management.

Tasks	Associated Knowledge Statements
1C. Patient Care	
T107. Comply with legal requirements regarding scope of practice in the provision of services.	K1071. Knowledge of laws and regulations that define dentist scope of practice. K1072. Knowledge of procedures general dentists can perform that require additional certification.
T114. Comply with legal requirements involving protected classes (e.g., race, gender) when providing dental care.	K1141. Knowledge of laws establishing protected classes and their application to accepting new patients and ending patient-dentist relationships. K1142. Knowledge of laws requiring accommodation (e.g., sign language interpreter) for protected classes.
T115. Comply with legal requirements when estimating fees and billing patients for dental treatments.	K1151. Knowledge of laws that require an estimate of fees prior to dental treatment. K1152. Knowledge of laws that limit the fee based on the initial estimate. K1153. Knowledge of laws related to fees for dental treatment.
T116. Comply with legal standards regarding guidelines for consent to treat patients.	K1161. Knowledge of legal criteria that allow a minor to give consent for dental treatment. K1162. Knowledge of legal criteria to acquire consent for the treatment of patients with cognitive impairment. K1163. Knowledge of laws and regulations regarding consent to treat patients.
T117. Comply with telehealth laws and regulations when providing dental treatment or consultations remotely.	K1171. Knowledge of criteria for accepting new patient using telehealth. K1172. Knowledge of laws related to acquiring consent for telehealth consultation and treatment. K1173. Knowledge of laws and regulations establishing security requirements for telehealth dental treatment and consultations.
T118. Prescribe medications to patients in accordance with laws and regulations.	K1181. Knowledge of laws for using Controlled Substance Utilization Review and Evaluation System (CURES). K1182. Knowledge of laws regarding the prescription of opioids to minors. K1183. Knowledge of laws that limit prescriptions to conditions within the dentist's scope of practice.

Content Area 2. ETHICS (50%)

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
2A. Patient Education	
T201. Confirm understanding of risks, benefits, and alternatives to treatment by all interested parties.	K2011. Knowledge of methods for communicating with patients with barriers to understanding their treatment plan.
T202. Inform patients of current oral conditions.	K2021. Knowledge of ethical guidelines that apply to the presentation of treatment options. K2022. Knowledge of ethical obligation to notify patients of iatrogenic changes in their oral health.
T203. Inform patients of oral health conditions that require future dental care.	K2031. Knowledge of obligation to share associated risk of non-treatment. K2032. Knowledge of obligation to educate patients on dental conditions and their associated risks. K2033. Knowledge of methods to educate patients concerning common misconceptions regarding dental materials and treatments. K2034. Knowledge of obligation to manage patient expectations regarding the outcome of dental treatments.
T205. Provide information about alternative treatments.	K2051. Knowledge of obligation to educate patient about alternative treatments. K2052. Knowledge of methods to involve the patient in treatment planning when multiple parties are involved in the decision-making process.
T206. Comply with telehealth ethical guidelines when providing dental treatment or consultations.	K2061. Knowledge of criteria to determine when telehealth is clinically appropriate. K2062. Knowledge of methods for providing telehealth treatment and consultations. K2063. Knowledge of ethical requirements related to date of treatment when billing insurance.

Content Area 2. ETHICS (50%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
2B. Continuity of Care	
T204. Manage communications between dentist, patient, and previous dentist in accordance with ethical standards.	K2041. Knowledge of ethical concerns when discussing the treatment from another dentist with patients.
T207. Follow ethical principles related to managing referred patients.	K2071. Knowledge of ethical guidelines that promote continuity of care for referred patients. K2072. Knowledge of ethical guidelines that prioritize patient autonomy for referred patients. K2073. Knowledge of ethical guidelines related to accepting gifts or compensation for referrals.
T212. Maintain continuity of care for dental patients.	K2121. Knowledge of protocol for discontinuing a dentist-patient relationship. K2122. Knowledge of methods for promoting continuity of care when there is an interruption in the dentist's ability to provide care. K2123. Knowledge of ethical guidelines regarding patient records when accepting a new patient. K2124. Knowledge of ethical guidelines relating to continuity of care when a dental provider relocates.

Content Area 2. ETHICS (50%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
2C. Emergency Treatment	
T216. Provide patients access to emergency treatment.	K2161. Knowledge of ethical obligations in the event of a dental emergency during business hours. K2162. Knowledge of methods for providing access to emergency treatment outside of business hours.

Content Area 2. ETHICS (50%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
2D. Community Welfare	
T208. Refer patients to another professional when patient welfare will be safeguarded or advanced.	K2081. Knowledge of obligation to refer when patient needs exceed dentist level of competence. K2082. Knowledge of medical conditions that necessitate additional medical information or referral. K2083. Knowledge of obligation to establish network of professional support. K2084. Knowledge of ethical guidelines related to offering gifts or compensation for referrals.
T209. Acknowledge and address dentist impairment that could endanger patients or dental staff.	K2091. Knowledge of the ethical obligation to seek physician advice when dentist ability to practice has been impaired. K2092. Knowledge of obligation to modify activities of practice based on dentist impairment to ensure patient and staff safety. K2093. Knowledge of conditions that require dentist enrollment in a diversion program.
T211. Inform dental community of observations of serious adverse reactions to drugs or dental materials and devices.	K2111. Knowledge of requirements to inform community when serious adverse reactions are observed.
T210. Comply with ethical guidelines when billing insurance for services.	K2101. Knowledge of ethical requirements related to accuracy of information when billing insurance.
T213. Promote a respectful workplace to encourage collaboration with and optimal outcomes for patients.	T213. Promote a respectful workplace to encourage collaboration with and optimal outcomes for patients.
T214. Report other professionals to enforcement agencies to protect patient health.	K2141. Knowledge of situations that require dentists to report professionals to enforcement agencies.
T215. Comply with requirements associated with possible patient exposure to bloodborne pathogens or other infectious material.	K2151. Knowledge of ethical guidelines regarding possible exposure of patients to bloodborne pathogens or other infectious materials. K2152. Knowledge of conditions in which a dentist must disclose their test results and medical history with patients who were possibly exposed to bloodborne pathogens.

Content Area 2. ETHICS (50%), continued

This area assesses the candidate's knowledge of ethical standards for dentistry, including scope of practice and professional conduct.

Tasks	Associated Knowledge Statements
T217. Treat patients at or above the standard of care for diagnosed conditions.	K2171. Knowledge of criteria used to evaluate new or experimental treatment. K2172. Knowledge of ethical guidelines that define overtreatment. K2173. Knowledge of ethical guidelines that define unnecessary treatment. K2174. Knowledge of criteria for evaluation of patient reactions.

CHAPTER 7 | CONCLUSION

The OA of the dentist profession in this report provides a comprehensive description of current dentist practice in California. The procedures employed to perform the OA were based on a content validation strategy to ensure that the results accurately represent dentist practice. Results of this OA provide information regarding current practice that can be used to evaluate licensure examinations used or considered for use in California.

Use of the LEX outline contained in this report ensures that the Board is compliant with BPC § 139.

This report provides all documentation necessary to verify that the analysis has been completed in accordance with legal, professional, and technical standards.

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APPENDIX A | RESPONDENTS BY REGION

LOS ANGELES COUNTY AND VICINITY

County of Practice	Frequency
Los Angeles	496
Orange	210
TOTAL	706

NORTH COAST

County of Practice	Frequency
Del Norte	3
Humboldt	4
Mendocino	4
Sonoma	0
TOTAL	11

RIVERSIDE AND VICINITY

County of Practice	Frequency
Riverside	86
San Bernardino	89
TOTAL	175

SACRAMENTO VALLEY

County of Practice	Frequency
Butte	16
Glenn	1
Lake	4
Sacramento	96
Sutter	3
Yolo	13
Yuba	4
TOTAL	137

SAN DIEGO COUNTY AND VICINITY

County of Practice	Frequency
Imperial	5
San Diego	181
TOTAL	186

SAN FRANCISCO BAY AREA

County of Practice	Frequency
Alameda	92
Contra Costa	67
Marin	17
Napa	7
San Francisco	69
San Mateo	54
Santa Clara	126
Santa Cruz	17
Solano	14
TOTAL	463

SAN JOAQUIN VALLEY

County of Practice	Frequency
Fresno	53
Kern	28
Kings	5
Madera	13
Merced	7
San Joaquin	25
Stanislaus	18
Tulare	23
TOTAL	172

SHASTA-CASCADE

County of Practice	Frequency
Plumas	3
Shasta	8
Siskiyou	0
Tehama	5
TOTAL	16

SIERRA MOUNTAIN VALLEY

County of Practice	Frequency
Amador	3
Calaveras	1
El Dorado	10
Nevada	2
Placer	23
Tuolumne	3
TOTAL	42

SOUTH COAST AND CENTRAL COAST

County of Practice	Frequency
Monterey	19
San Benito	1
San Luis Obispo	26
Santa Barbara	31
Ventura	43
TOTAL	120

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APPENDIX B | CRITICALITY INDICES FOR ALL TASKS BY CONTENT AREA

Content Area 1: Patient Evaluation

Task	Task Description	Frequency	Importance	Criticality
107	Interpret radiographs of oral cavity and associated structures to assess oral condition.	4.68	4.72	22.43
101	Conduct patient medical history assessment to determine whether treatment can be performed.	4.59	4.66	21.75
106	Take radiographs of oral cavity and associated structures to determine treatment plan.	4.47	4.66	21.35
111	Assess patient dentition by performing an oral examination.	4.53	4.53	21.20
112	Inform patient of alternatives, risks, benefits, and limitations of treatment options.	4.51	4.47	20.83
102	Conduct patient dental history assessment to determine whether treatment can be performed.	4.48	4.41	20.28
104	Review patient history and expectations with patient to inform treatment planning.	4.45	4.44	20.24
109	Perform patient extraoral and intraoral examinations to detect anomalies and pathologies.	4.30	4.38	19.45
108	Perform patient periodontal examination to assess periodontal condition.	4.10	4.24	18.10

Task	Task Description	Frequency	Importance	Criticality
103	Refer patient to specialists when dental treatment needs exceed practitioner abilities.	3.80	4.27	16.84
105	Take patient vital signs to determine whether treatment can be performed.	3.53	3.82	14.97
110	Assess patient temporomandibular joint (TMJ) to identify TMJ disorders.	3.74	3.73	14.79

Content Area 2: Endodontics

Task	Task Description	Frequency	Importance	Criticality
120	Prepare tooth for final restoration.	3.34	3.53	14.92
113	Assess endodontic condition of patient by performing endodontic examination and diagnosis.	3.40	3.73	14.40
119	Seal coronal access to prevent contamination of root canal.	2.58	3.05	11.61
115	Isolate tooth before performing root canal therapy to prevent contamination and injury to patient.	2.53	2.93	11.47
114	Prepare for performing root canal therapy by administering anesthetics for pain control.	2.54	2.96	11.31
116	Access pulp chamber and root canals to begin root canal therapy.	2.38	2.89	10.59
117	Shape and clean canals to continue root canal therapy.	2.30	2.82	10.31
118	Obturate root canals by sealing canals to complete root canal filling.	2.28	2.81	10.20
121	Prescribe medication to patients for root canal therapy to control or prevent complications.	2.31	2.72	8.97

Content Area 3: Indirect Restoration

Task	Task Description	Frequency	Importance	Criticality
122	Evaluate restorative condition, dentition, and associated structures of patient to assist in indirect restorative treatment planning.	3.84	3.87	17.14
130	Assess indirect restoration by checking fit (e.g., contacts, contours, margins, occlusion) of restoration.	3.53	3.72	16.25
131	Place indirect restoration on tooth to restore tooth form and function.	3.49	3.68	16.02
123	Prepare for indirect restoration by administering anesthetics for pain control.	3.52	3.64	15.93
124	Prepare tooth for indirect restoration to accommodate final restoration.	3.48	3.63	15.75
125	Take impression of teeth to facilitate process of fabricating final restoration.	3.34	3.55	15.06
128	Place provisional restoration to temporarily restore tooth.	3.09	3.34	13.12
127	Fabricate provisional restoration to restore tooth.	3.08	3.33	13.09
129	Remove provisional restoration from tooth.	3.13	3.30	13.03
126	Take records (e.g., bite registration, facebow) of oral cavity to facilitate process of fabricating indirect final restoration.	2.98	3.22	12.61

Content Area 4: Direct Restoration

Task	Task Description	Frequency	Importance	Criticality
132	Evaluate restorative condition, dentition, and associated structures of patient to assist in direct restorative treatment planning.	4.06	4.07	18.50
135	Prepare tooth for placing direct restoration by removing carious lesions and compromising features (e.g., decalcifications, unsupported enamel) from tooth.	3.95	4.04	18.47
136	Place direct restorative material in tooth to restore form and function.	3.93	4.02	18.26
133	Prepare tooth for direct restoration by administering anesthetics for pain control.	3.88	3.94	17.73
137	Adjust and polish direct restoration to restore form and function.	3.90	3.92	17.65
134	Isolate tooth before performing direct restoration to prevent contamination and injury to patient.	3.34	3.50	14.28

Content Area 5: Oral Disease Prevention and Education

Task	Task Description	Frequency	Importance	Criticality
141	Educate patients on oral hygiene and nutrition to assist patients in maintaining dental health.	4.02	4.11	17.69
138	Perform prophylaxis procedures by removing deposits from tooth surfaces to improve periodontal health.	3.32	3.77	14.70
139	Apply fluoride to protect teeth after prophylaxis procedures.	2.85	3.15	11.25
140	Apply sealants to teeth to prevent dental carious lesions.	2.63	2.97	10.23
145	Educate patients and guardians on postoperative instructions about space maintainers.	2.05	2.64	8.10
142	Assess oral cavity to create a design for space maintainers.	2.01	2.60	7.81
144	Remove space maintainers to allow for permanent teeth eruption.	1.77	2.58	6.88
143	Deliver space maintainers to prevent teeth migration.	1.74	2.48	6.73

Content Area 6: Periodontics

Task	Task Description	Frequency	Importance	Criticality
151	Assess periodontal condition of patient by performing periodontal examination and diagnosis.	3.73	3.92	16.80
146	Develop treatment plan to treat periodontal disease.	3.58	3.85	16.17
150	Develop protocol for periodontal maintenance.	3.41	3.63	14.90
149	Reevaluate patient periodontal condition after periodontal therapy to determine whether additional treatment is needed.	3.24	3.59	14.12
148	Perform non-surgical periodontal therapy to improve periodontal health.	2.97	3.45	13.12
147	Prepare patients for periodontal therapy by administering anesthetics for pain control.	2.98	3.39	13.02

Content Area 7: Fixed Partial Dentures

Task	Task Description	Frequency	Importance	Criticality
152	Evaluate patient restorative condition, dentition, and associated structures to assist in fixed partial denture restorative treatment planning.	3.00	3.36	12.98
160	Assess fixed partial dentures before final placement by checking fit of restorations.	2.76	3.33	12.44
161	Place fixed partial dentures on abutments to restore form and function of oral cavity.	2.72	3.31	12.20
153	Prepare teeth for fixed partial denture preparation by administering anesthetics for pain control.	2.69	3.16	11.69
155	Take impressions of teeth to facilitate process of fabricating fixed partial dentures.	2.64	3.21	11.69
154	Prepare abutments for fixed partial dentures to accommodate final restorations.	2.63	3.20	11.53
156	Take bite registration records of oral cavity to facilitate process of fabricating fixed partial dentures.	2.63	3.17	11.53
157	Fabricate provisional restorations to restore teeth before placement of fixed partial dentures.	2.52	3.06	10.79

Task	Task Description	Frequency	Importance	Criticality
158	Place provisional restorations to temporarily restore teeth before placement of fixed partial dentures.	2.51	3.06	10.71
159	Remove provisional restorations from mouth and assess condition of oral tissues.	2.57	3.03	10.67

Content Area 8: Removable Partial Dentures

Task	Task Description	Frequency	Importance	Criticality
169	Review home care instructions with patient for use and care of removable partial dentures.	2.64	3.17	11.14
162	Assess oral tissues to create design for removable partial dentures.	2.54	3.13	10.88
167	Deliver removable partial dentures to restore form and function.	2.50	3.14	10.86
168	Reevaluate removable partial denture fit and function and perform adjustments.	2.52	3.12	10.80
165	Take bite registration records to facilitate process of fabricating removable partial dentures.	2.47	3.11	10.76
166	Perform trial fit of removable partial denture components.	2.49	3.11	10.76
164	Take impressions of oral tissues to facilitate process of fabricating removable partial dentures.	2.43	3.12	10.64
163	Prepare remaining dentition (e.g., rest seats, guide planes) and oral tissues for fabrication of removable partial dentures.	2.28	2.98	9.62

Content Area 9: Complete Dentures

Task	Task Description	Frequency	Importance	Criticality
176	Review home care instructions with patient for use and care of complete dentures.	2.45	3.03	10.29
175	Perform trial fit of complete dentures to determine whether lab processing of complete dentures can be performed.	2.31	2.99	10.00
170	Assess oral tissues to create designs for removable complete dentures.	2.32	3.03	9.99
172	Reevaluate removable complete denture fit and function and perform adjustments.	2.33	2.99	9.91
173	Take impression of oral tissues to facilitate process of fabricating complete dentures.	2.25	3.02	9.87
171	Deliver removable complete dentures to restore form and function.	2.27	3.01	9.77
174	Take facebow and bite registration records to facilitate process of fabricating complete dentures.	1.97	2.67	8.12

Content Area 10: Implant Restoration

Task	Task Description	Frequency	Importance	Criticality
177	Evaluate existing implants and oral tissues for implant restorations.	2.83	3.26	12.32
184	Review home care instructions with patient for use and care of implant restorations.	2.75	3.24	12.25
182	Assess integrity of implant restorations.	2.59	3.11	11.42
178	Take impressions of implant and oral tissues to facilitate process of fabricating implant restorations.	2.35	2.98	10.46
183	Place implant restorations to restore form and function.	2.33	2.95	10.42
179	Take bite registration records for the fabrication of implant restorations.	2.31	2.89	10.13
180	Fabricate provisional restorations to restore implants.	1.66	2.18	6.15
181	Place provisional restorations to temporarily restore implants.	1.60	2.14	5.90

Content Area 11: Oral Surgery

Task	Task Description	Frequency	Importance	Criticality
185	Evaluate patient oral condition, dentition, and associated structures to assist in oral surgery treatment planning.	3.48	3.88	15.48
191	Review home care instructions with patient after oral surgery.	3.20	3.71	14.35
186	Prepare patient for oral surgery by administering anesthetics for pain control.	3.03	3.64	13.88
187	Perform oral surgery procedures.	2.79	3.48	12.21
189	Perform postoperative procedures and address complications associated with oral surgery.	2.69	3.46	11.75
190	Prescribe medication to patient for oral surgery to control pain and prevent postoperative complications.	2.67	3.27	11.25
188	Place sutures in surgical area after oral surgery to facilitate healing process.	2.52	3.18	10.46

Content Area 12: Removable Appliance Therapy

Task	Task Description	Frequency	Importance	Criticality
199	Evaluate patient condition, dentition, and associated structures of patient to assist in occlusal appliance therapy treatment planning.	2.76	3.21	11.35
204	Review home care instructions with patient for use and care of occlusal appliances.	2.64	3.09	10.68
203	Deliver occlusal appliance to facilitate treatment of patient parafunctional habits.	2.51	3.08	10.27
205	Reevaluate fit and function of occlusal appliances and perform adjustments.	2.50	3.05	10.05
200	Take impression of oral cavity to facilitate process of fabricating occlusal appliance.	2.39	3.04	9.86
201	Take bite registration records to facilitate process of fabricating occlusal appliance.	2.38	2.97	9.67
202	Fabricate occlusal appliance to facilitate treatment of patient parafunctional habits.	2.29	2.88	9.40
198	Review home care instructions with patient for teeth whitening.	1.99	2.43	7.52
192	Evaluate patient to establish suitability for teeth whitening treatments.	2.15	2.21	6.89

Task	Task Description	Frequency	Importance	Criticality
195	Deliver whitening trays and whitening agent to facilitate teeth whitening process.	1.68	1.95	5.40
193	Take impressions of teeth to fabricate whitening trays.	1.64	1.95	5.33
194	Fabricate whitening trays to facilitate delivery of whitening agent to teeth.	1.59	1.90	5.20
196	Prepare for in-office teeth whitening procedures by isolating teeth to protect face and oral cavity.	1.28	1.77	4.62
197	Perform in-office teeth whitening procedures by applying whitening agents to improve patient aesthetics.	1.23	1.62	4.22

Content Area 13: Safety and Sanitation

Task	Task Description	Frequency	Importance	Criticality
206	Follow safety precautions to protect patients throughout dental treatment.	4.72	4.77	22.87
208	Protect exposed areas by wearing personal protective equipment to prevent contamination and injury.	4.71	4.73	22.64
207	Sanitize hands in preparation for dental treatment by washing with soap and water.	4.63	4.69	22.14
212	Discard disposable items after dental treatment to prevent spread of infection.	4.53	4.71	22.13
209	Sterilize dental instruments to prepare for dental treatment.	4.43	4.69	21.85
210	Disinfect dental equipment to prevent contamination.	4.43	4.68	21.77
211	Disinfect work area to prevent contamination.	4.44	4.68	21.77
214	Maintain emergency protocol within dental office to ensure patient and staff safety.	4.44	4.66	21.34
213	Store medications in secure area to protect against unauthorized access.	3.69	3.99	17.70

Content Area 14: Law

Task	Task Description	Frequency	Importance	Criticality
304	Comply with legal requirements when documenting dental treatment.	4.70	4.70	22.36
302	Comply with legal standards regarding guidelines for consent to treat patients.	4.64	4.67	22.08
313	Comply with OSHA standards regarding management of hazardous and biohazardous materials.	4.57	4.64	21.70
301	Comply with legal requirements regarding the release of patient information.	4.51	4.61	21.32
305	Comply with legal requirements for storage and disposal of patient records.	4.35	4.45	20.50
318	Prepare for medical emergencies in accordance with the law.	4.27	4.63	20.31
312	Supervise dental auxiliaries in accordance with regulations.	4.37	4.41	20.30
310	Comply with legal requirements regarding scope of practice in the provision of services.	4.34	4.48	20.27
315	Comply with legal requirements involving protected classes (e.g., race, gender) when providing dental care.	4.33	4.47	20.08

Task	Task Description	Frequency	Importance	Criticality
314	Comply with legal requirements regarding sexual harassment.	4.27	4.51	20.00
317	Comply with laws requiring posted documentation in dental settings.	4.21	4.24	19.29
311	Prescribe medications to patients in accordance with laws and regulations.	4.04	4.50	19.11
316	Comply with legal requirements when estimating fees and billing patients for dental treatments.	4.01	4.15	18.67
306	Comply with legal requirements in the event of suspected unauthorized access to patient medical or dental records.	3.62	4.21	17.09
307	Respond to requests for records in accordance with legal requirements.	3.43	4.19	15.88
309	Comply with legal requirements for advertisement of services and professional qualifications.	3.40	3.76	15.52
308	Record and report suspected abuse, neglect, or exploitation in accordance with mandated reporting laws.	2.78	4.40	13.05
303	Comply with telehealth laws and regulations when providing dental treatment or consultations remotely.	2.37	2.84	10.95

Content Area: 15: Ethics

Task	Task Description	Frequency	Importance	Criticality
417	Treat patients at or above the standard of care for diagnosed conditions.	4.64	4.68	22.08
408	Inform patients of current oral conditions.	4.61	4.62	21.72
409	Inform patients of oral health conditions that require future dental care.	4.60	4.58	21.43
412	Promote a respectful workplace to encourage collaboration with and optimal outcomes for patients.	4.57	4.54	21.14
405	Confirm understanding of risks, benefits, and alternatives to treatment by all interested parties.	4.49	4.55	20.91
413	Provide information about alternative treatments.	4.49	4.47	20.55
410	Maintain continuity of care for dental patients.	4.45	4.49	20.52
406	Follow ethical principles related to managing referred patients.	4.36	4.45	20.07
414	Provide patients access to emergency treatment.	4.19	4.48	19.34
403	Comply with requirements associated with possible patient exposure to bloodborne pathogens or other infectious material.	4.03	4.65	19.29
402	Comply with ethical guidelines when billing insurance for services.	4.02	4.16	18.64

Task	Task Description	Frequency	Importance	Criticality
415	Refer patients to another professional when patient welfare will be safeguarded or advanced.	3.92	4.44	18.13
411	Manage communications between dentist, patient, and previous dentist in accordance with ethical standards.	3.94	4.25	17.82
407	Inform dental community of observations of serious adverse reactions to drugs or dental materials and devices.	2.61	3.85	11.82
401	Acknowledge and address dentist impairment that could endanger patients or dental staff.	2.56	3.87	11.79
404	Comply with telehealth ethical guidelines when providing dental treatment or consultations.	2.12	2.76	9.87
416	Report other professionals to enforcement agencies to protect patient health.	2.10	3.85	9.47

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APPENDIX C | QUESTIONNAIRE EMAIL INVITATION

Sent invitation

Dentist OA 2024

Dear Doctor

The Dental Board of California (Board) is conducting an occupational analysis (OA) of the profession of dentistry in California. You have been selected to complete an important survey.

The survey is a part of the OA, which identifies competencies that will provide the basis for developing future licensure examinations in California.

We understand that your time is valuable. However, your participation in the survey is essential to this process. Your responses will be aggregated and individual responses will not be analyzed or shared. You will receive 2 continuing education credits for completing the survey.

The survey weblink will be available 24/7. Please complete it by February 29, 2024. It will take approximately 60-120 minutes to complete.

We value your contributions and appreciate your dedication to the profession of dentistry in California!

[Begin Survey](#)

Please do not forward this email as its survey link is unique to you.
[Privacy](#) | [Unsubscribe](#)

Dentist OA 2024

Message from the Dental Board of California

Dear Licensed Dentists:

Thank you for responding to this online survey. You have been selected by the Dental Board of California (DBC) to participate in an occupational analysis of the dentist profession in California.

DBC is collecting information about the tasks currently performed by dentists, as well as the knowledge required to perform those tasks safely and effectively. This survey, which we developed with different groups of dentists, is designed to capture this information. The information will be used to ensure that DBC examinations reflect current practice in California.

The survey should take approximately one hour to complete. For your convenience, you are not required to complete the survey in a single session. You may resume where you stopped but must reopen the survey from the same computer, using the same browser. Before you exit, complete the page that you are on. The program will save responses only on completed pages. The weblink is available 24 hours a day, 7 days a week.

If you have questions or need assistance completing the survey, please contact Robert Calvert with the Office of Professional Examination Services at robert.calvert@dca.ca.gov

Please submit your completed survey by 2-29-24.

To begin the survey, click the "Next" button below.

We welcome your feedback and appreciate your time!

Thank you!

Dental Board of California

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APPENDIX D | QUESTIONNAIRE

Part I - Personal Data

Complete this survey only if you are currently licensed and have worked as a dentist in California within the last 12 months.

DBC recognizes that every licensed dentist may not perform all of the tasks and use all of the knowledge contained in this survey. However, your participation is essential to the success of this study.

* 1. Are you currently practicing as a licensed dentist in California?

Yes

No

* 2. Please provide your license number. It will be used to award continuing education credits for the completion of this survey.

Part I - Personal Data

* 3. How many years have you practiced as a licensed dentist in California?

- 0-5 years
- 6-10 years
- 11-20 years
- More than 20 years

* 4. What describes the location of your primary work setting?

- Urban (more than 100,000 people), highly dense population within city limits
- Suburban, less densely populated areas (typically bordering the city)
- Rural (fewer than 10,000 people) sparsely populated areas further outside of city (e.g., countryside, farmlands)
- Other (please specify)

* 5. In how many practice settings/clinical locations do you work as a dentist?

- 1
- 2-4
- 5 or more

6. How would you describe your primary practice setting?

- Sole practitioner
- Independent contractor/associate
- Multidisciplinary group
- Hospital
- Other (please specify)

* 7. How many hours per week do you work as a licensed dentist?

- 0-10 hours
- 11-20 hours
- 21-39 hours
- 40 or more hours

* 8. What type of dentist are you?

- General Dentist
- Specialist - Dental Anesthesiology
- Specialist - Dental Public Health
- Specialist - Endodontics
- Specialist - Oral and Maxillofacial Pathology
- Specialist - Oral and Maxillofacial Radiology
- Specialist - Oral and Maxillofacial Surgery
- Specialist - Oral Medicine
- Specialist - Orofacial Pain
- Specialist - Orthodontics and Dentofacial Orthopedics
- Specialist - Pediatric Dentistry
- Specialist - Periodontics
- Specialist - Prosthodontics
- Other (please specify)

Part I - Personal Data

* 9. In what California county do you perform the majority of your work? (Check all that apply.)

- | | | |
|---------------------------------------|--|--|
| <input type="checkbox"/> Alameda | <input type="checkbox"/> Marin | <input type="checkbox"/> San Mateo |
| <input type="checkbox"/> Alpine | <input type="checkbox"/> Mariposa | <input type="checkbox"/> Santa Barbara |
| <input type="checkbox"/> Amador | <input type="checkbox"/> Mendocino | <input type="checkbox"/> Santa Clara |
| <input type="checkbox"/> Butte | <input type="checkbox"/> Merced | <input type="checkbox"/> Santa Cruz |
| <input type="checkbox"/> Calaveras | <input type="checkbox"/> Modoc | <input type="checkbox"/> Shasta |
| <input type="checkbox"/> Colusa | <input type="checkbox"/> Mono | <input type="checkbox"/> Sierra |
| <input type="checkbox"/> Contra Costa | <input type="checkbox"/> Monterey | <input type="checkbox"/> Siskiyou |
| <input type="checkbox"/> Del Norte | <input type="checkbox"/> Napa | <input type="checkbox"/> Solano |
| <input type="checkbox"/> El Dorado | <input type="checkbox"/> Nevada | <input type="checkbox"/> Sonoma |
| <input type="checkbox"/> Fresno | <input type="checkbox"/> Orange | <input type="checkbox"/> Stanislaus |
| <input type="checkbox"/> Glenn | <input type="checkbox"/> Placer | <input type="checkbox"/> Sutter |
| <input type="checkbox"/> Humboldt | <input type="checkbox"/> Plumas | <input type="checkbox"/> Tehama |
| <input type="checkbox"/> Imperial | <input type="checkbox"/> Riverside | <input type="checkbox"/> Trinity |
| <input type="checkbox"/> Inyo | <input type="checkbox"/> Sacramento | <input type="checkbox"/> Tulare |
| <input type="checkbox"/> Kern | <input type="checkbox"/> San Benito | <input type="checkbox"/> Tuolumne |
| <input type="checkbox"/> Kings | <input type="checkbox"/> San Bernardino | <input type="checkbox"/> Ventura |
| <input type="checkbox"/> Lake | <input type="checkbox"/> San Diego | <input type="checkbox"/> Yolo |
| <input type="checkbox"/> Lassen | <input type="checkbox"/> San Francisco | <input type="checkbox"/> Yuba |
| <input type="checkbox"/> Los Angeles | <input type="checkbox"/> San Joaquin | |
| <input type="checkbox"/> Madera | <input type="checkbox"/> San Luis Obispo | |

Part II - Rating Job Tasks

INSTRUCTIONS FOR RATING TASKS

This part of the survey lists 105 tasks. Please rate each task as it relates to your current job as a licensed dentist.

Rate the tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance). The boxes for rating the Frequency and Importance of each task have drop-down lists. Click the down arrow in each box to see the rating options, and then select the value that applies to your current job. Your Frequency and Importance ratings should be separate and independent. The ratings that you assign on one rating scale should not influence the ratings that you assign on the other rating scale. If the task is not part of your current job, rate the task "0" (zero) Frequency and "0" (zero) Importance. Use the following scales to rate each task.

FREQUENCY SCALE

HOW OFTEN do you perform this task in your current job? Consider all of the tasks you have performed over the past year and make your judgment relative to all other tasks you perform.

- 0 - DOES NOT APPLY. I do not perform this task in my current job.**
- 1 - RARELY. I perform this task the least often in my current job relative to other tasks I perform.**
- 2 - SELDOM. I perform this task less often than most other tasks I perform in my current job.**
- 3 - REGULARLY. I perform this task as often as other tasks I perform in my current job.**
- 4 - OFTEN. I perform this task more often than most other tasks I perform in my current job.**
- 5 - VERY OFTEN. This task is one of the tasks I perform most often in my current job relative to other tasks I perform.**

IMPORTANCE RATING

HOW IMPORTANT are these tasks in the performance of your current job?

- 0 - NOT IMPORTANT; DOES NOT APPLY TO MY JOB. I do not perform this task in my current job.**
- 1 - OF MINOR IMPORTANCE. This task is of minor importance for effective performance in my current job.**
- 2 - FAIRLY IMPORTANT. This task is fairly important for effective performance in my current job.**
- 3 - MODERATELY IMPORTANT. This task is moderately important for effective performance in my current job.**
- 4 - VERY IMPORTANT. This task is very important for effective performance in my current job.**
- 5 - CRITICALLY IMPORTANT. This task is extremely important for effective**

performance in my current job.

Part II - Task Ratings**Content Area 1: Patient Evaluation**

* 10. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T101. Conduct patient medical history assessment to determine whether treatment can be performed.	<input type="text"/>	<input type="text"/>
T102. Conduct patient dental history assessment to determine whether treatment can be performed.	<input type="text"/>	<input type="text"/>
T103. Refer patient to specialists when dental treatment needs exceed practitioner abilities.	<input type="text"/>	<input type="text"/>
T104. Review patient history and expectations with patient to inform treatment planning.	<input type="text"/>	<input type="text"/>
T105. Take patient vital signs to determine whether treatment can be performed.	<input type="text"/>	<input type="text"/>
T106. Take radiographs of oral cavity and associated structures to determine treatment plan.	<input type="text"/>	<input type="text"/>
T107. Interpret radiographs of oral cavity and associated structures to assess oral condition.	<input type="text"/>	<input type="text"/>
T108. Perform patient periodontal examination to assess periodontal condition.	<input type="text"/>	<input type="text"/>

T109. Perform patient extraoral and intraoral examinations to detect anomalies and pathologies.

T110. Assess patient temporomandibular joint (TMJ) to identify TMJ disorders.

Part II - Task Ratings**Content Area 2: Endodontic Treatment**

* 11. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T111. Assess patient dentition by performing an oral examination.	<input type="text"/>	<input type="text"/>
T112. Inform patient of alternatives, risks, benefits, and limitations of treatment options.	<input type="text"/>	<input type="text"/>
T113. Assess endodontic condition of patient by performing endodontic examination and diagnosis.	<input type="text"/>	<input type="text"/>
T114. Prepare for performing root canal therapy by administering anesthetics for pain control.	<input type="text"/>	<input type="text"/>
T115. Isolate tooth before performing root canal therapy to prevent contamination and injury to patient.	<input type="text"/>	<input type="text"/>
T116. Access pulp chamber and root canals to begin root canal therapy.	<input type="text"/>	<input type="text"/>
T117. Shape and clean canals to continue root canal therapy.	<input type="text"/>	<input type="text"/>

T118.
Obturate root
canals by
sealing canals
to complete
root canal
filling.

T119. Seal
coronal access
to prevent
contamination
of root canal.

T120. Prepare
tooth for final
restoration.

T121.
Prescribe
medication to
patients for
root canal
therapy to
control or
prevent
complications.

Part II - Task Ratings**Content Area 3: Indirect Restorations**

* 12. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T122. Evaluate restorative condition, dentition, and associated structures of patient to assist in indirect restorative treatment planning.	<input type="text"/>	<input type="text"/>
T123. Prepare for indirect restoration by administering anesthetics for pain control.	<input type="text"/>	<input type="text"/>
T124. Prepare tooth for indirect restoration to accommodate final restoration.	<input type="text"/>	<input type="text"/>
T125. Take impression of teeth to facilitate process of fabricating final restoration.	<input type="text"/>	<input type="text"/>
T126. Take records (e.g., bite registration, facebow) of oral cavity to facilitate process of fabricating indirect final restoration.	<input type="text"/>	<input type="text"/>
T127. Fabricate provisional	<input type="text"/>	<input type="text"/>

restoration to restore tooth.

T128. Place provisional restoration to temporarily restore tooth.

T129. Remove provisional restoration from tooth.

T130. Assess indirect restoration by checking fit (e.g., contacts, contours, margins, occlusion) of restoration.

T131. Place indirect restoration on tooth to restore tooth form and function.

Part II - Task Ratings

Content Area 4: Direct Restorations

* 13. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T132. Evaluate restorative condition, dentition, and associated structures of patient to assist in direct restorative treatment planning.	<input type="text"/>	<input type="text"/>
T133. Prepare tooth for direct restoration by administering anesthetics for pain control.	<input type="text"/>	<input type="text"/>
T134. Isolate tooth before performing direct restoration to prevent contamination and injury to patient.	<input type="text"/>	<input type="text"/>
T135. Prepare tooth for placing direct restoration by removing carious lesions and compromising features (e.g., decalcifications, unsupported enamel) from tooth.	<input type="text"/>	<input type="text"/>
T136. Place direct restorative material in tooth to restore form and function.	<input type="text"/>	<input type="text"/>
T137. Adjust and polish direct restoration to restore form and function.	<input type="text"/>	<input type="text"/>

Part II - Task Ratings

Content Area 5: Preventative Care

* 14. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T138. Perform prophylaxis procedures by removing deposits from tooth surfaces to improve periodontal health.	<input type="text"/>	<input type="text"/>
T139. Apply fluoride to protect teeth after prophylaxis procedures.	<input type="text"/>	<input type="text"/>
T140. Apply sealants to teeth to prevent dental carious lesions.	<input type="text"/>	<input type="text"/>
T141. Educate patients on oral hygiene and nutrition to assist patients in maintaining dental health.	<input type="text"/>	<input type="text"/>
T142. Assess oral cavity to create a design for space maintainers.	<input type="text"/>	<input type="text"/>
T143. Deliver space maintainers to prevent teeth migration.	<input type="text"/>	<input type="text"/>
T144. Remove space maintainers to allow for permanent teeth eruption.	<input type="text"/>	<input type="text"/>
T145. Educate patients and guardians on postoperative instructions about space maintainers.	<input type="text"/>	<input type="text"/>

Part II - Task Ratings**Content Area 6: Periodontics**

* 15. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T146. Develop treatment plan to treat periodontal disease.	<input type="text"/>	<input type="text"/>
T147. Prepare patients for periodontal therapy by administering anesthetics for pain control.	<input type="text"/>	<input type="text"/>
T148. Perform non-surgical periodontal therapy to improve periodontal health.	<input type="text"/>	<input type="text"/>
T149. Reevaluate patient periodontal condition after periodontal therapy to determine whether additional treatment is needed.	<input type="text"/>	<input type="text"/>
T150. Develop protocol for periodontal maintenance.	<input type="text"/>	<input type="text"/>
T151. Assess periodontal condition of patient by performing periodontal examination and diagnosis.	<input type="text"/>	<input type="text"/>

Part II - Task Ratings

Content Area 7: Fixed Partial Dentures

* 16. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T152. Evaluate patient restorative condition, dentition, and associated structures to assist in fixed partial denture restorative treatment planning.	<input type="text"/>	<input type="text"/>
T153. Prepare teeth for fixed partial denture preparation by administering anesthetics for pain control.	<input type="text"/>	<input type="text"/>
T154. Prepare abutments for fixed partial dentures to accommodate final restorations.	<input type="text"/>	<input type="text"/>
T155. Take impressions of teeth to facilitate process of fabricating fixed partial dentures.	<input type="text"/>	<input type="text"/>
T156. Take bite registration records of oral cavity to facilitate process of fabricating fixed partial dentures.	<input type="text"/>	<input type="text"/>

T157. Fabricate provisional restorations to restore teeth before placement of fixed partial dentures.

T158. Place provisional restorations to temporarily restore teeth before placement of fixed partial dentures.

T159. Remove provisional restorations from mouth and assess condition of oral tissues.

T160. Assess fixed partial dentures before final placement by checking fit of restorations.

T161. Place fixed partial dentures on abutments to restore form and function of oral cavity.

Part II - Task Ratings

Content Area 8: Removable Partial Dentures

* 17. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T162. Assess oral tissues to create design for removable partial dentures.	<input type="text"/>	<input type="text"/>
T163. Prepare remaining dentition (e.g. rest seats, guide planes) and oral tissues for fabrication of removable partial dentures.	<input type="text"/>	<input type="text"/>
T164. Take impressions of oral tissues to facilitate process of fabricating removable partial dentures.	<input type="text"/>	<input type="text"/>
T165. Take bite registration records to facilitate process of fabricating removable partial dentures.	<input type="text"/>	<input type="text"/>
T166. Perform trial fit of removable partial denture components.	<input type="text"/>	<input type="text"/>
T167. Deliver removable partial dentures to restore form	<input type="text"/>	<input type="text"/>

and function.

T168. Reevaluate removable partial denture fit and function and perform adjustments.

T169. Review home care instructions with patient for use and care of removable partial dentures.

Part II - Task Ratings**Content Area 9: Removable Complete Dentures**

* 18. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T170. Assess oral tissues to create designs for removable complete dentures.	<input type="text"/>	<input type="text"/>
T171. Deliver removable complete dentures to restore form and function.	<input type="text"/>	<input type="text"/>
T172. Reevaluate removable complete denture fit and function and perform adjustments.	<input type="text"/>	<input type="text"/>
T173. Take impression of oral tissues to facilitate process of fabricating complete dentures.	<input type="text"/>	<input type="text"/>
T174. Take facebow and bite registration records to facilitate process of fabricating complete dentures.	<input type="text"/>	<input type="text"/>
T175. Perform trial fit of complete dentures to determine whether lab processing of complete dentures can	<input type="text"/>	<input type="text"/>

be performed.

T176. Review home care instructions with patient for use and care of complete dentures.

Part II - Task Ratings

Content Area 10: Implant Restorations

* 19. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T177. Evaluate existing implants and oral tissues for implant restorations.	<input type="text"/>	<input type="text"/>
T178. Take impressions of implant and oral tissues to facilitate process of fabricating implant restorations.	<input type="text"/>	<input type="text"/>
T179. Take bite registration records for the fabrication of implant restorations.	<input type="text"/>	<input type="text"/>
T180. Fabricate provisional restorations to restore implants.	<input type="text"/>	<input type="text"/>
T181. Place provisional restorations to temporarily restore implants.	<input type="text"/>	<input type="text"/>
T182. Assess integrity of implant restorations.	<input type="text"/>	<input type="text"/>
T183. Place implant restorations to restore form and function.	<input type="text"/>	<input type="text"/>
T184. Review home care instructions with patient for use and care of implant restorations.	<input type="text"/>	<input type="text"/>

Part II - Task Ratings

Content Area 11: Oral Surgery

* 20. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T185. Evaluate patient oral condition, dentition, and associated structures to assist in oral surgery treatment planning.	<input type="text"/>	<input type="text"/>
T186. Prepare patient for oral surgery by administering anesthetics for pain control.	<input type="text"/>	<input type="text"/>
T187. Perform oral surgery procedures.	<input type="text"/>	<input type="text"/>
T188. Place sutures in surgical area after oral surgery to facilitate healing process.	<input type="text"/>	<input type="text"/>
T189. Perform postoperative procedures and address complications associated with oral surgery.	<input type="text"/>	<input type="text"/>
T190. Prescribe medication to patient for oral surgery to control pain and prevent postoperative complications.	<input type="text"/>	<input type="text"/>
T191. Review home care instructions with patient after oral surgery.	<input type="text"/>	<input type="text"/>

Part II - Task Ratings**Content Area 12: Teeth Whitening**

* 21. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T192. Evaluate patient to establish suitability for teeth whitening treatments.	<input type="text"/>	<input type="text"/>
T193. Take impressions of teeth to fabricate whitening trays.	<input type="text"/>	<input type="text"/>
T194. Fabricate whitening trays to facilitate delivery of whitening agent to teeth.	<input type="text"/>	<input type="text"/>
T195. Deliver whitening trays and whitening agent to facilitate teeth whitening process.	<input type="text"/>	<input type="text"/>
T196. Prepare for in-office teeth whitening procedures by isolating teeth to protect face and oral cavity.	<input type="text"/>	<input type="text"/>
T197. Perform in-office teeth whitening procedures by applying	<input type="text"/>	<input type="text"/>

whitening
agents to
improve
patient
aesthetics.

T198. Review
home care
instructions
with patient
for teeth
whitening.

Part II - Task Ratings

Content Area 12: Occlusal Appliance Therapy

* 22. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T199. Evaluate patient condition, dentition, and associated structures of patient to assist in occlusal appliance therapy treatment planning.	<input type="text"/>	<input type="text"/>
T200. Take impression of oral cavity to facilitate process of fabricating occlusal appliance.	<input type="text"/>	<input type="text"/>
T201. Take bite registration records to facilitate process of fabricating occlusal appliance.	<input type="text"/>	<input type="text"/>
T202. Fabricate occlusal appliance to facilitate treatment of patient parafunctional habits.	<input type="text"/>	<input type="text"/>
T203. Deliver occlusal appliance to facilitate treatment of patient parafunctional habits.	<input type="text"/>	<input type="text"/>
T204. Review		

home care
instructions
with patient
for use and
care of
occlusal
appliances.

T205.
Reevaluate fit
and function
of occlusal
appliances and
perform
adjustments.

Part II - Task Ratings

Content Area 13: Safety and Sanitation

* 23. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T206. Follow safety precautions to protect patients throughout dental treatment.	<input type="text"/>	<input type="text"/>
T207. Sanitize hands in preparation for dental treatment by washing with soap and water.	<input type="text"/>	<input type="text"/>
T208. Protect exposed areas by wearing personal protective equipment to prevent contamination and injury.	<input type="text"/>	<input type="text"/>
T209. Sterilize dental instruments to prepare for dental treatment.	<input type="text"/>	<input type="text"/>
T210. Disinfect dental equipment to prevent contamination.	<input type="text"/>	<input type="text"/>
T211. Disinfect work area to prevent contamination.	<input type="text"/>	<input type="text"/>
T212. Discard disposable items after dental treatment to prevent spread of infection.	<input type="text"/>	<input type="text"/>
T213. Store		

medications in
secure area to
protect against
unauthorized
access.

T214. Maintain
emergency
protocol within
dental office to
ensure patient
and staff
safety.

Part II - Task Ratings

Content Area 14: Law

* 24. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T301. Comply with legal requirements regarding the release of patient information.	<input type="text"/>	<input type="text"/>
T302. Comply with legal standards regarding guidelines for consent to treat patients.	<input type="text"/>	<input type="text"/>
T303. Comply with telehealth laws and regulations when providing dental treatment or consultations remotely.	<input type="text"/>	<input type="text"/>
T304. Comply with legal requirements when documenting dental treatment.	<input type="text"/>	<input type="text"/>
T305. Comply with legal requirements for storage and disposal of patient records.	<input type="text"/>	<input type="text"/>
T306. Comply with legal requirements in the event of suspected unauthorized access to patient medical or dental records.	<input type="text"/>	<input type="text"/>

<p>T307. Respond to requests for records in accordance with legal requirements.</p>	<input type="text"/>	<input type="text"/>
<p>T308. Record and report suspected abuse, neglect, or exploitation in accordance with mandated reporting laws.</p>	<input type="text"/>	<input type="text"/>
<p>T309. Comply with legal requirements for advertisement of services and professional qualifications.</p>	<input type="text"/>	<input type="text"/>
<p>T310. Comply with legal requirements regarding scope of practice in the provision of services.</p>	<input type="text"/>	<input type="text"/>
<p>T311. Prescribe medications to patients in accordance with laws and regulations.</p>	<input type="text"/>	<input type="text"/>
<p>T312. Supervise dental auxiliaries in accordance with regulations.</p>	<input type="text"/>	<input type="text"/>
<p>T313. Comply with OSHA standards regarding management of hazardous and biohazardous materials.</p>	<input type="text"/>	<input type="text"/>
<p>T314. Comply with legal requirements regarding sexual harassment.</p>	<input type="text"/>	<input type="text"/>
<p>T315. Comply with legal</p>		

requirements involving protected classes (e.g. race, gender) when providing dental care.

T316. Comply with legal requirements when estimating fees and billing patients for dental treatments.

T317. Comply with laws requiring posted documentation in dental settings.

T318. Prepare for medical emergencies in accordance with the law.

Part II - Task Ratings

Content Area 15: Ethics

* 25. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current job (Importance).

	Frequency	Importance
T401. Acknowledge and address dentist impairment that could endanger patients or dental staff.	<input type="text"/>	<input type="text"/>
T402. Comply with ethical guidelines when billing insurance for services.	<input type="text"/>	<input type="text"/>
T403. Comply with requirements associated with possible patient exposure to bloodborne pathogens or other infectious material.	<input type="text"/>	<input type="text"/>
T404. Comply with telehealth ethical guidelines when providing dental treatment or consultations.	<input type="text"/>	<input type="text"/>
T405. Confirm understanding of risks, benefits, and alternatives to treatment by all interested parties.	<input type="text"/>	<input type="text"/>
T406. Follow ethical principles related to managing referred patients.	<input type="text"/>	<input type="text"/>
T407. Inform		

dental community of observations of serious adverse reactions to drugs or dental materials and devices.	<input type="text"/>	<input type="text"/>
T408. Inform patients of current oral conditions.	<input type="text"/>	<input type="text"/>
T409. Inform patients of oral health conditions that require future dental care.	<input type="text"/>	<input type="text"/>
T410. Maintain continuity of care for dental patients.	<input type="text"/>	<input type="text"/>
T411. Manage communications between dentist, patient, and previous dentist in accordance with ethical standards.	<input type="text"/>	<input type="text"/>
T412. Promote a respectful workplace to encourage collaboration with and optimal outcomes for patients.	<input type="text"/>	<input type="text"/>
T413. Provide information about alternative treatments.	<input type="text"/>	<input type="text"/>
T414. Provide patients access to emergency treatment.	<input type="text"/>	<input type="text"/>
T415. Refer patients to another professional when patient welfare will be safeguarded or advanced.	<input type="text"/>	<input type="text"/>
T416. Report other professionals to enforcement	<input type="text"/>	<input type="text"/>

agencies to
protect patient
health.

T417. Treat
patients at or
above the
standard of
care for
diagnosed
conditions.

Thank you!

Thank you for taking the time to complete this survey! The Dental Board of California values your contribution. You can expect to receive confirmation and CE credit in early March.