

SB2926

Measure Title: RELATING TO DENTISTRY.

Report Title: Dental Assistants; Certification; Dental Assisting National Board

Description: Requires all dental assistants to obtain certification from the Dental Assisting National Board, Inc., as certified dental assistants no later than July 1, 2019, or no later than one hundred twenty days after the date of employment.

Companion:

Package: None

Current Referral: CPH

Introducer(s): BAKER, K. RHOADS, S. Chang, Dela Cruz, Espero, Gabbard, Galuteria, Green, Ihara, Nishihara, Wakai

NATIONAL BOARD CERTIFICATION
OD DENTAL ASSISTANTS
SENATE BILL #2926
HEARING 2/7/18; 10:00 AM, RM 229

MADAME PERSON
ALOHA AND GOOD MORNING MR. CHAIRMAN, VICE-CHAIR, DISTINGUISHED SENATORS AND GUESTS. I AM JOSEPH P. MAYER, JR., DDS. I HAVE AN UNRESTRICTED DENTAL LICENSE IN HAWAII. I AM CURRENTLY EMPLOYED BY A FEDERALLY QUALIFIED HEALTH CENTER ON THE NORTH SHORE FOR ABOUT 16 MONTHS, AND I AM HAVING THE TIME OF MY LIFE TREATING PATINETS IN NEED.

REGARDING SENATE BILL NUMBER 2926, THAT REQUIRES "ALL DENTAL ASSISTANTS EMPLOYED IN THE STATE PRIOR TO JULY 1, 2018, SHALL OBTAIN AND MAINTAIN CERTIFICATION AS A CERTIFIED DENTAL ASSISTANT FROM THE DENTAL ASSISTING NATIONAL BOARD, INC., NO LATER THAN JULY 1, 2019, AND ALL DENTAL ASSSITANTS EMPLOYED IN THE STATE AFTER JULY 1, 2018, SHALL OBTAIN AND MAINTAIN CERTIFICATION AS A CERTIFIED DENTAL ASSISTANT FROM THE DENTAL ASSISTING NATIONAL BOARD, INC., NO LATER THAN 120 DAYS AFTER THE DATE OF EMPLOYMENT." SO, THAT MEANS ANYONE THAT STARTS EMPLOYMENT AS A DENTAL ASSISTANT BETWEEN JULY 1, 2018 AND MARCH 1, 2019 HAS TO BE CERTIFIED PRIOR TO THE CURRENTLY EMPLOYED DENTAL ASSISTANTS. THAT IS JUST AN INTERESTING FOOTNOTE.

*** I AGREE THAT DENTAL ASSISTANTS SHOULD BE CERTIFIED. I THINK THAT IS A VERY NOBLE AND LOFTY OBJECTIVE. THE PROPOSED TIME LINE IS GROSSLY INSUFFICIENT. TO START, A LARGE MAJORITY OF THE ASSISTANTS ARE PROBABLY BETWEEN THE AGES OF 22 AND 40. THIER FAMILYS ARE SUPPORTED BY THE INCOME THEY EARN WORKING 30 TO 40 HOURS A WEEK. WHEN THEY COME HOME AFTER WORK, THEY MAY HAVE TO PREPARE A MEAL, CHANGE

THE BABY'S DIAPERS OR WORK ON HOMEWORK WITH A CHILD OR 2, PAY SOME BILLS, OR FIND SOMEONE TO FIX A BROKEN APPLIANCE. ACCORDING TO THE "SUNRISE ANALYSIS, THIS BILL WILL AFFECT BETWEEN 2,000 AND 4,000 HOUSEHOLDS. HOW MANY DO YOU SUSPECT ARE SINGLE PARENTS? I WORK WITH 3 DENTAL ASSISTANTS, 1 SINGLE AND NO DEPENDENT CHILDREN, 2 WERE SINGLE PARENTS WITH A CHILD OR MORE, BUT ONE OF THEM GOT MARRIED LAST MONTH AND IS MOVING OFF ISLAND.

HOW MUCH ENERGY OR TIME DO YOU SUSPECT THEY HAVE TO CRACK THE BOOKS, AS IT WERE, AT THE END OF A DAY OR ON WEEKENDS WHEN EXTENDED FAMILIES GET TOGETHER? FORGET THAT FOR NOW.

YESTERDAY, I CALLED THE AMERICAN DENTAL ASSOCIATION, THEY GAVE ME THE PHONE NUMBER FOR THE DENTAL ASSISTING NATIONAL BOARD, INC., (HERE AFTER DANB) 800-367-3262. I ASKED FOR A TEXTBOOK THAT WOULD TEACH TO THE SUBJECT AND QUESTIONS ON THE CERTIFICATION EXAM FOR MY DENTAL ASSISTANTS. I WAS INFORMED THAT THE TEXTBOOK DOESN'T EXIST AND WAS REFERRED TO THEIR WEBSITE. I GOOGLED www.danb.org, AND PRINTED OUT THIS PAGE. **(EXHIBIT 1)**

UNDER "BLUE PRINTS-DENTAL ASSISTING NATIONAL BOARD" IT STATES, "DANB'S EXAMS DO NOT CORRESPOND DIRECTLY TO ANY SPECIFIC TEXTBOOK OR DENTAL ASSISTING PROGRAM. INSTEAD THEY ARE BASED ON AN ANALYSIS OF THE DUTIES COMMONLY PERFORMED IN ACTUAL DENTAL ASSISTING PRACTICE, WHICH IS CALLED CONTENT VALIDATION STUDY."

SO, I STARTED TO OPEN UP THEIR WEB PAGES. **(EXHIBIT #2)** "HOW DO I STUDY FOR A

DANB EXAM?" A FREQUENTLY ASKED QUESTION. QUOTING, "WHILE THERE IS NO ONE SIZE FITS ALL APPROACH FOR STUDYING FOR A DANB CERTIFICATION OR COMPONENT EXAM, WE DO HAVE SEVERAL TIPS FOR FINDING THE RIGHT PLAN FOR YOU. GREAT YOU GET "TIPS' THAT'S LIKE "HINTS". DANB CALLS THOSE "TIPS" BLUE PRINTS FOR THE CERTIFICATION EXAM. SO, I OPENED UP A WEB PAGE TITLED "BLUE PRINTS". **(EXHIBIT #3.)** I ONLY PRINTED OUT 14 PAGES, OR THE FIRST 70 BLUE PRINTS, OUT OF 289 BLUE PRINTS. OK, SO NOW WHICH OF THESE BLUE PRINTS ARE GOING TO BE THE RIGHT ONE FOR MY ASSISTANTS? WELL, I OPENED UP THE FIRST RECOMMENDED BLUE PRINT **(EXHIBIT #4)** AND FOUND OUT THAT THEIR TIRED CERTIFICATION EXAMS HAD 5 LEVELS. THE FIRST BEING, ENTRY LEVEL, THE SECOND IS PROBABLY MORE OF WHAT IS GOING TO BE REQUIRED, A "CERTIFIED DENTAL ASSISTANT". THE OTHER THREE ARE FOR ORTHODONTIC ASSISTANT, PREVENTIVE FUNCTIONS ASSISTANT AND A RESTORATIVE FUNCTIONS ASSISTANT.

WELL, I OPENED THE SUGGESTED REFERENCES FOR EACH OF THE DISCIPLINES. **(EXHIBIT #5)** 27 DIFFERENT REFERENCES, 18 ARE TEXTBOOKS, AND 9 PUBLICATIONS, THINGS LIKE OSHA BLOODBORNE PATHOGEN STANDARDS, CDC AND ADA GUIDELINES.

NOW, DANB HAS PARTNERED WITH THE DALE FOUNDATION, APPEARENTLY BECAUSE SOME PEOPLE LEARN BY WATCHING A VIDEO VS READING A BOOK. **(EXHIBIT #6)** SO, THE DALE FOUNDATION PRODUCED 25 VIDEOS THAT MAY OR MAY NOT COVER EVERYTHING AT A COST OF \$1,988.00.

I DID NOT STOP THERE. I OPENED UP **(EXHIBIT # 7)** WHICH IS THE BLUE PRINT FOR THE ENTRY LEVEL CERTIFICATION. THERE ARE 3 SECTIONS, A TOTAL OF 25 PAGES OF GENERAL POINTS OF

STUDY WITH REFERENCES THAT MATCH THOSE IN **EXHIBIT #5**.

MY LAST **EXHIBIT #8** IS THE BLUE PRINT FOR THE HOLY GRAIL, THE BLUE PRINT FOR THE CERTIFIED DENTAL ASSISTANT. ANOTHER 3 SECTIONS AND 32 PAGES OF GENERAL POINTS OF STUDY. AND NOTHING THAT STATES THE ANSWERS TO THE EXAM QUESTIONS ARE FOUND IN THESE MATERIALS.

I AM ALL FOR THE CERTIFICATION OF DENTAL ASSISTANTS. IT HAS TO HAPPEN!

AS I REFERENCED IN THE SUNRISE ANALYSIS EARILER, THIS BILL WILL AFFECT THE 2,000 TO 4,000 DENTAL ASSISTANTS AND THEIR HOUSEHOLDS IN HAWAII. THE FAMOUS TRICKLE DOWN ECOMONIC THEORY IMPLIES THAT IT WILL AFFECT THE HOUSEHOLDS OF ALL 1,476 DENTISTS AND PROBABLY THE 1,064 DENTAL HYGIENISTS IN THE STATE AND THEIR PATIENTS' ACCESS TO CARE. ISN'T THE IMPLIED CONSEQUENCE OF NOT BEING CERTIFIED THE LOSS OF EMPLOYMENT?

TO PARA-PHRASE ANOTHER PERSON: "WHO KNEW THAT REGULATING DENTAL ASSAITANTS WOULD BE SO COMPLICATED?"

MR. CHAIRMAN, VICE-CHAIR AND DISTINGUSHED SENATORS, I HOPE THAT I HAVE GIVEN YOU THE IMPRESSION THAT THERE IS A LOT OF MATERIAL, COLLEGE LEVEL STUDY, THAT OUR HIGH SCHOOL GRADUATE DENTAL ASSISTANTS ARE GOING TO BE REQUIRED TO MASTER IN ONE YEAR IF THIS PROPOSAL BECOME LAW. IS THE UNIVERSITY OF HAWAII GOING TO HAVE A BUDGET INCREASE TO OPEN EVENING PROGRAMS ON DENTAL ASSISTING, HERE AND ON THE

NEIGHBOR

OUTER ISLANDS? AND HOW LONG DOES A NEW PROGRAM HAVE TO EXIST BEFORE BEING ACCREDITED? HOW LONG IS THE DENTAL ASSISTING PROGRAM AT KAPIOLANI COMMUNITY COLLEGE AND WHAT PERCENTAGE PASS THE CERTIFICATION EXAM?

MY FEAR IS THAT THESE YOUNG MOTHERS ARE NOT WILLING TO TAKE ON THIS CHALLENGE, ON THIS PROPOSED TIME LINE, AND WILL OPT FOR A PAY CUT IN FAST FOOD RESTURANTS.

IF THE FAMILIES OF THOSE DENTAL ASSISTANTS ARE LIVING PAYCHECK TO PAYCHECK, WILL THIS TIME LINE ADD TO THE HOMELESS POPULATION? IT IS MY OPINION THAT THE DRIVER

BEHIND THIS AND THE OTHER PROPOSED DENTAL ASSISTING LEGISLATIVE INITIATIVES IS THE

SUNRISE ANALYSIS: REGULATION OF DENTAL ASSISTANTS REPORT NO. 18-02, JANUARY 2018.

THAT WAS JUST LAST MONTH. DOESN'T THIS IMPORTANT ISSUE REQUIRE MORE THAN 30

DAYS OF THOUGHT BEFORE DRAFTING LEGISLATION? I DON'T BELIEVE RUSHING TO LEGISLATE

IS BENEFICIAL TO ANYONE AND IS CONTRARY TO THE GOOD INTENTIONS OF THE AUTHORS OF THIS PROPOSAL.

THEREFORE, I SUGGEST THAT THIS ISSUE BE REMANDED TO THE BOARD OF DENTAL EXAMINERS.

I HAVE FULL FAITH AND CONFIDENCE THAT THE BOARD OF DENTAL EXAMINERS CAN DEVELOP A TIERED LEVEL DENTAL ASSISTANT REGULATORY STRUCTURE, WITH DEFINED DUTIES AND RESPONSIBILITIES, AND WITH AN APPROPRIATE TIME LINE OF PHASED CERTIFICATION. PLEASE GIVE THE BOARD THAT OPPROTUNITY.

THANK YOU FOR YOUR TIME, ATTENTION AND PATIENCE.

JOSEPH P. MAYER, JR., DDS

OTHER PATHWAYS - EXPERIENCE

EXHIBIT
EXAMPLE 1



www.danb.org:443/en/BecomeCertified/Preparefor DANBExams/ExamBlueprints



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Prepare for DANB Exams - Dental Assisting National Board

<https://www.danb.org/Become-Certified/Prepare-for-DANB-Exams.aspx>

*Note: There are many ways to prepare for DANB exams. Candidates should use a variety of resources and take into account their own unique education and experience. To see a list of reference materials and review the DANB exam blueprints, visit the links above. The DALE Foundation's study aids are an optional ...

Missing: 443

[Exam Blueprints](#) · [Exam Reference Materials](#) · [Study Materials](#)

Exam Blueprints - Dental Assisting National Board

<https://www.danb.org/Become-Certified/Prepare-for-DANB-Exams/Exam-Blueprints.a...>

DANB's exams do not correspond directly to any specific textbook or dental assisting program. Instead, they are based on an analysis of the duties commonly performed in actual dental assisting practice, which is called a content validation study. This study serves as the basis for what DANB calls the exam blueprint.

Missing: 443

Study Materials - Dental Assisting National Board

<https://www.danb.org/Become-Certified/Prepare-for-DANB-Exams/Study-Materials.as...>

The DALE Foundation, the official DANB affiliate, offers optional interactive e-learning courses and study aids to help you prepare for DANB's exams. Choose from review courses, practice tests and study aids that you can access anytime, anywhere. These study aids are developed based on DANB's exam blueprints.

Missing: 443

DANB

<https://www.danb.org/>

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RHS Exam - Dental Assisting National Board

<https://www.danb.org/Become-Certified/Exams-and-Certifications/RHS-Exam.aspx>

Ready to take DANB's Radiation Health and Safety (RHS) exam? You can apply online right now! DANB's RHS exam is a component exam of both the NELDA and CDA certifications. There are ... The DALE Foundation, the official DANB affiliate, offers review courses and practice tests to prepare for the DANB RHS exam.

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Prepare for DANB Exams

How Do I Study for a DANB Exam?

One of the most frequently asked questions DANB receives is, "How do I study for a DANB exam?" While there is no one-size-fits-all approach to studying for a DANB Certification or component exam, we do have several tips for finding the right plan for you.

Everyone who takes a DANB exam has a different level of training, education and experience in dental assisting. Therefore, your method of preparing for an exam should be unique to your individual needs. With this in mind, DANB has developed the following recommendations for developing a study plan.

Step One: Review the Exam Blueprint

DANB recommends that you begin preparing for an exam with an exam blueprint. DANB's exam blueprints outline every topic that you may find on a particular exam. Review each topic and identify the areas in which you need further study. You may determine that you need to study each topic in the exam blueprint, or just concentrate on weaker areas.

[Find Out More About DANB's Exam Blueprints](#)

Step Two: Choose Your Study Materials*

After you have reviewed the exam blueprint and determined the topics you'd like to concentrate on, you will need to obtain study materials. Some of your options include:

[The DALE Foundation's DANB practice tests and review courses](#). The DALE Foundation, the official DANB affiliate, offers optional interactive, self-paced online practice tests and review courses that can help you prepare for DANB exams, refresh your knowledge and earn CDE credits.

[Textbooks and other reference materials](#). If you attended a dental assisting education program, your textbooks and course materials can serve as helpful study materials. DANB has also compiled a list of suggested textbooks and reference materials for you.*

***Note:** *There are many ways to prepare for DANB exams. Candidates should use a variety of resources and take into account their own unique education and experience. To see a list of reference materials and review the DANB exam*

blueprints, visit the links above. The DALE Foundation's study aids are an optional resource for candidates looking to prepare for DANB exams. Using the DALE Foundation's study aids does not guarantee candidates will pass the DANB exam.

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EXHIBIT
EXAMPLE #3
14 PAGES



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exam blueprint

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[Exam Blueprints](#)

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DANB's exam blueprints are an outline for all of the possible topics that may be on a given DANB exam. Exam blueprints make excellent study materials.

[4233 CPFDA Exam Blueprint](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/4233-CPFDA-Exam-Blueprint.ashx>

File Format: PDF/Adobe Acrobat
CPFDA Exam Blueprint

[4213 ICE Exam Blueprint](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/4213-ICE-Exam-Blueprint.ashx>

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ICE Exam Blueprint

[4215 2018 ICE Exam Blueprint](#)

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ICE Exam Blueprint

[4243 CP Exam Blueprint](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/4243-CP-Exam-Blueprint.ashx>

File Format: PDF/Adobe Acrobat
CP Exam Blueprint

[4393 NELDA Exam Blueprint](#)

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File Format: PDF/Adobe Acrobat
NELDA Exam Blueprint

[4183 CDA Exam Blueprint](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/4183-CDA-Exam-Blueprint.ashx>

File Format: PDF/Adobe Acrobat
CDA Exam Blueprint

[4343 COA Exam Blueprint](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/4343-COA-Exam-Blueprint.ashx>

File Format: PDF/Adobe Acrobat
COA Exam Blueprint

[4323 IS Exam Blueprint](#)

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File Format: PDF/Adobe Acrobat
IS Exam Blueprint

[4193 GC Exam Blueprint](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/4193-GC-Exam-Blueprint.ashx>

File Format: PDF/Adobe Acrobat
GC Exam Blueprint

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[4283 CRFDA Exam Blueprint](https://www.danb.org:443/~media/Files/2015-Application-Packets/4283-CRFDA-Exam-Blueprint.ashx)

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File Format: PDF/Adobe Acrobat

CRFDA Exam Blueprint

[4263 TA Exam Blueprint](https://www.danb.org:443/~media/Files/2015-Application-Packets/4263-TA-Exam-Blueprint.ashx)

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TA Exam Blueprint

[4273 TF Exam Blueprint](https://www.danb.org:443/~media/Files/2015-Application-Packets/4273-TF-Exam-Blueprint.ashx)

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TF Exam Blueprint

[4353 OA Exam Blueprint](https://www.danb.org:443/~media/Files/2015-Application-Packets/4353-OA-Exam-Blueprint.ashx)

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OA Exam Blueprint

[4313 TMP Exam Blueprint](https://www.danb.org:443/~media/Files/2015-Application-Packets/4313-TMP-Exam-Blueprint.ashx)

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TMP Exam Blueprint

[4303 IM Exam Blueprint](https://www.danb.org:443/~media/Files/2015-Application-Packets/4303-IM-Exam-Blueprint.ashx)

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IM Exam Blueprint

[4333 RF Exam Blueprint](#)

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File Format: PDF/Adobe Acrobat
RF Exam Blueprint

[4253 SE Exam Blueprint](#)

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SE Exam Blueprint

[4293 AMP Exam Blueprint](#)

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AMP Exam Blueprint

[4203 RHS Exam Blueprint](#)

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RHS Exam Blueprint

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RHS-ICE Exam Blueprint

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To see a list of reference materials and review the DANB exam blueprints, visit the links above. The DALE Foundation's study aids are an optional resource for candidates looking to prepare for DANB exams. Using the DALE Foundation's study aids does not guarantee candidates will pass the DANB exam.

[IS Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/IS Exam>

DANB's Isolation (IS) exam is a component exam of the CRFDA certification exam.

[SE Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/SE Exam>

DANB's Sealants (SE) exam is a component exam of the CPFDA certification exam.

[TA Exam](#)

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DANB's Topical Anesthetic (TA) exam is a component exam of the CPFDA certification exam.

[TF Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/TF Exam>

DANB's Topical Fluoride (TF) exam is a component exam of the CPFDA certification exam.

[IM Exam](#)

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DANB's Impressions (IM) exam is a component exam of the CRFDA certification exam.

[TMP Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/TMP Exam>

DANB's Temporaries(TMP) exam is a component exam of the CRFDA certification exam.

[RF Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/RF Exam>

DANB's Restorative Functions (RF) exam is a component exam of the CRFDA certification exam.

[GC Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/GC Exam>

The General Chairside (GC) exam is one of three component exams for DANB's Certified Dental Assistant (CDA) national certification exam.

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[OA Exam](#)

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The Orthodontic Assisting (OA) exam is one of the component exams for the Certified Orthodontic Assistant (COA) national certification exam.

[CP Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/CP Exam>

The Coronal Polish (CP) exam is one of four component exams of DANB's CPFDA exam.

[AMP Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/AMP Exam>

DANB's Anatomy, Morphology and Physiology (AMP) exam is a component exam of the CRFDA certification exam.

[Exams & Certifications](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications>

DANB exams and certifications give you the opportunity to advance in your career; maintaining certification helps you stay current on new technologies and issues in the dental assisting profession.

[ICE Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/ICE Exam>

Ready to take DANB's Infection Control (ICE) exam? You can apply online right now!

[Exam Applications Request](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/Exam Applications>

Online request form for DANB exam applications.

[RHS Exam](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/RHS Exam>

Ready to take DANB's Radiation Health and Safety (RHS) exam? You can apply online right now!

[Exam Eligibility Requirements](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/Exam Eligibility Requirements>

DANB's national NELDA, CDA, COA, CPFDA and CRFDA certification exams, as well as the GC, OA and RF component exams, all have specific eligibility requirements, which are described below.

[Exam Reference Materials](#)

<https://www.danb.org:443/en/Become Certified/Prepare for DANB Exams/Exam Reference Materials>

DANB's Exam Committees provide lists of textbooks and other reference materials that will prove helpful in preparing for a DANB exam.

[Exam & Certification FAQs](#)

<https://www.danb.org:443/en/Become Certified/Exam and Certification FAQs>

Most frequently asked questions about the Dental Assisting National Board (DANB) national and component exams and certifications.

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[State Exam Applications](#)

[https://www.danb.org:443/en/Meet State Requirements/State Exam Applications](https://www.danb.org:443/en/Meet%20State%20Requirements/State%20Exam%20Applications)

Currently, 39 states recognize or require DANB national exams. The states below require state-specific exams administered through DANB.

[RHS - ICE Exam](#)

[https://www.danb.org:443/en/Become Certified/Exams and Certifications/RHICE Exam](https://www.danb.org:443/en/Become%20Certified/Exams%20and%20Certifications/RHICE%20Exam)

Take DANB's RHS and ICE exams together and save \$175! You can apply online right now!

[DANB RHS Exam Now Required in Pennsylvania](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2009/DANB RHS Exam Now Required in Pennsylvania](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2009/DANB%20RHS%20Exam%20Now%20Required%20in%20Pennsylvania)

Dental assistants in Pennsylvania are required to pass the Radiation Health and Safety (RHS) exam to meet state requirements to perform dental radiographic procedures.

[DANB Offers RHS ICE Combination Exam](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2010/DANB Offers RHS ICE Combination Exam](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2010/DANB%20Offers%20RHS%20ICE%20Combination%20Exam)

DANB now offers candidates the opportunity to take the Radiation Health and Safety (RHS) and Infection Control (ICE) exams together at a reduced cost.

[CPEAR](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/CPEAR.ashx>

File Format: PDF/Adobe Acrobat
Arizona Coronal Polish Exam

[WARE](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/WARE.ashx>

File Format: PDF/Adobe Acrobat
Washington State Restorative Exam

[CDAApplication](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/CDAApplication.ashx>

File Format: PDF/Adobe Acrobat
CDA Exam Application Packet

[CRFDAApplication](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/CRFDAApplication.ashx>

File Format: PDF/Adobe Acrobat
CRFDA Exam Application Packet

[NELDAApplication](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/NELDAApplication.ashx>

File Format: PDF/Adobe Acrobat
NELDA Exam Application Packet

[RHSApplication](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/RHSApplication.ashx>

File Format: PDF/Adobe Acrobat
RHS Exam Application Packet

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[OR1](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/OR1.ashx>

File Format: PDF/Adobe Acrobat

Oregon Clinical Radiologic Proficiency exam

[DANB CDPMA Exam to be Discontinued](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2008/DANB CDPMA Exam to be Discontinued](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2008/DANB%20CDPMA%20Exam%20to%20be%20Discontinued)

DANB will discontinue administration of the current Certified Dental Practice Management Administrator (CDPMA) exam as of May 31, 2008.

[CPFDAApplication](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/CPFDAApplication.ashx>

File Format: PDF/Adobe Acrobat

CPFDA Exam Application Packet

[MBDA](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/MBDA.ashx>

File Format: PDF/Adobe Acrobat

Missouri Test of Basic Dental Assisting Skills Exam

[MDExams](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/MDExams.ashx>

File Format: PDF/Adobe Acrobat

Maryland Expanded Functions Exams: General Dental Assisting (MDG) and Orthodontic Assisting (MDO) exams

[DANB to Administer CDA Exam at ODA Annual Session](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2009/DANB to Administer CDA](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2009/DANB%20to%20Administer%20CDA)

Exam at ODA Annual Session

DANB will hold a special administration of its CDA exam in conjunction with the Ohio Dental Association Annual Session on August 27-30, 2009.

[NMEExams](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/NMEExams.ashx>

File Format: PDF/Adobe Acrobat

Expanded Functions Exams for New Mexico Residents

[Special DANB CDA Exam Administration at ODA Annual Session](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2010/Special Administration of DANB CDA Exam at ODA Annual Session](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2010/Special%20Administration%20of%20DANB%20CDA%20Exam%20at%20ODA%20Annual%20Session)

DANB will offer a special CDA exam administration at the ODA annual session on September 25, 2010.

[NJXDG](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/NJXDG.ashx>

File Format: PDF/Adobe Acrobat

New Jersey Expanded Duties - General (NJXDG) Exam Pathway II

[Early notice: exam and renewal fee increases in 2016](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2015/Exam and renewal fee increases in 2016](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2015/Exam%20and%20renewal%20fee%20increases%20in%202016)

The Dental Assisting National Board (DANB) is the national certification organization for dental assistants.

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[Air Force Dental Assistants Take DANB ICE Exam](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2009/Air Force Dental Assistants Take DANB ICE Exam](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2009/Air%20Force%20Dental%20Assistants%20Take%20DANB%20ICE%20Exam)

More than 40 candidates in the Air Force dental technical training program have passed DANB's Infection Control (ICE) exam as part of DANB's agreement with the Air Force Dental Service (AFDS).

[Special DANB RHS Exam Administration at MDA Annual Meeting](#)

[https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2010/DANB to Offer Special RHS Exam Administration at MDA Annual Meeting](https://www.danb.org:443/en/About%20DANB/News%20and%20Events/Press%20Releases/2010/DANB%20to%20Offer%20Special%20RHS%20Exam%20Administration%20at%20MDA%20Annual%20Meeting)

DANB will offer a special administration of the Radiation Health and Safety (RHS) exam at the Montana Dental Association Annual Meeting on April 28-30, 2010.

[COAApplication](#)

<https://www.danb.org:443/~media/Files/2015-Application-Packets/COAApplication.ashx>

File Format: PDF/Adobe Acrobat

COA Exam Application Packet

[Cancel Exam](#)

[https://www.danb.org:443/en/My Account/My Exams/Cancel Exam](https://www.danb.org:443/en/My%20Account/My%20Exams/Cancel%20Exam)

The Dental Assisting National Board (DANB) is the national certification organization for dental assistants.

[My Exams](#)

[https://www.danb.org:443/en/My Account/My Exams](https://www.danb.org:443/en/My%20Account/My%20Exams)

The Dental Assisting National Board (DANB) is the national certification organization for dental assistants.

[NELDA](#)

[https://www.danb.org:443/en/Become Certified/Exams and Certifications/NELDA](https://www.danb.org:443/en/Become%20Certified/Exams%20and%20Certifications/NELDA)

The NELDA exam consists of three component exams: RHS, ICE and AMP.

[CDA](#)

<https://www.danb.org:443/en/Become Certified/Exams and Certifications/CDA>

The CDA exam consists of three component exams: RHS, ICE and GC.

[DANB now offers online exam applications](#)

<https://www.danb.org:443/en/About DANB/News and Events/Press Releases/2016/DANB now offers online exam applications>

The Dental Assisting National Board (DANB) is the national certification organization for dental assistants.

[Request Duplicate Exam Results](#)

<https://www.danb.org:443/en/My Account/My Exams/Request Duplicate Score Report>

The Dental Assisting National Board (DANB) is the national certification organization for dental assistants.

[AZRF](#)

<https://www.danb.org:443/~media/Files/2015-State-Applications/AZRF.ashx>

File Format: PDF/Adobe Acrobat

Arizona Expanded Functions - Restorative Exam and Certificate Application

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EXHIBIT
EXAMPLE #11

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Exam Blueprints



DANB's exams do not correspond directly to any specific textbook or dental assisting program. Instead, they are based on an analysis of the duties commonly performed in actual dental assisting practice, which is called a content validation study. This study serves as the basis for what DANB calls the exam blueprint. The exam blueprint outlines all of the possible topics on a specific exam. Download free exam blueprints by clicking on the links below.

Certification Exam Blueprints

Certification exam blueprints and suggested references for DANB's five certifications. For individual component exam blueprints, see next section.

- [National Entry Level Dental Assistant \(NELDA\) Exam Blueprint \(PDF\)](#)
- [Certified Dental Assistant \(CDA\) Exam Blueprint \(PDF\)](#)
- [Certified Orthodontic Assistant \(COA\) Exam Blueprint \(PDF\)](#)
- [Certified Preventive Functions Dental Assistant \(CPFDA\) Exam Blueprint \(PDF\)](#)
- [Certified Restorative Functions Dental Assistant \(CRFDA\) Exam Blueprint \(PDF\)](#)

Exam Blueprints

Individual exam blueprints and suggested references.

- [Anatomy, Morphology and Physiology \(AMP\) Exam](#)
- [Coronal Polish \(CP\) Exam](#)
- [2018 General Chairside Assisting \(GC\) Exam](#) (Use this version if testing before 1/1/19.)
- [2019 General Chairside Assisting \(GC\) Exam](#) (Use this version if testing after 1/1/19.)
- [Infection Control \(ICE\) Exam](#)



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Exam Reference Materials

DANB exam committees use the following textbooks and reference materials to develop DANB's exams. This list does not include all of the available textbooks and materials for studying dental assisting; these are simply the resources that exam committee subject matter experts determined as providing the most up-to-date information needed to meet or surpass a determined level of competency in the practice of dental assisting.

This list is intended to help prepare for a DANB exam. It is not intended to be an endorsement of any of the publications listed. You should prepare for DANB certification and component exams using as many different study materials as possible.

Exam Reference Materials

Anatomy, Morphology and Physiology (AMP) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
3. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2007 and 2013.
4. Harris, Norman O., Franklin Garcia-Godoy and Christine Nielson Nathe. *Primary Preventive Dentistry*. 7th and 8th ed. Upper Saddle River, NJ: Pearson Education, 2008 and 2014.
5. Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 10th and 11th ed. Philadelphia, PA: Lippincott, 2008 and 2013.
6. The DALE Foundation. www.dalefoundation.org
 - o [DANB AMP Practice Test](#)
 - o [Glossary of Dental Terms](#)

Coronal Polish (CP) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.

2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 4th ed. Clifton Park, NY: Delmar, 2013.
3. Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 11th and 12th ed. Philadelphia, PA: Lippincott, 2013 and 2017.
4. Miller, Chris H. *Infection Control and Management of Hazardous Materials for the Dental Team*. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.
5. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2009 2013.
6. Hatrick, Carol D., and W. S. Eakle. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.
7. The DALE Foundation. www.dalefoundation.org
 - o [DANB CP Practice Test](#)
 - o [Glossary of Dental Terms](#)

General Chairside Assisting (GC) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
3. Hatrick, Carol D., and W. S. Eakle. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.
4. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.
5. Little, James W., Donald A. Falace, Craig S. Miller and Nelson L. Rhodus. *Dental Management of the Medically Compromised Patient*. 8th ed. St. Louis, MO: Elsevier/Mosby, 2013.
6. Malamed, Stanley F. *Medical Emergencies in the Dental Office*. 7th ed. St. Louis, MO: Elsevier/Mosby, 2015.
7. Gaylord, Linda J. *The Administrative Dental Assistant*. 3rd and 4th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2017.
8. "General Chairside Assisting: A Review for a National Chairside Exam" (Course #613). www.dentalassistant.org
9. The DALE Foundation. www.dalefoundation.org
 - o [DANB GC Practice Test](#)
 - o [DANB GC Review Part I](#)
 - o [DANB GC Review Part II](#)
 - o [Glossary of Dental Terms](#)

Impressions (IM) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
3. Hatrick, Carol D. and W. S. Eakle. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.
4. Powers, John M., and John C. Wataha. *Dental Materials: Properties and Manipulation*. 10th ed. St. Louis, MO: Elsevier/Mosby, 2013.
5. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2007 and 2013.
6. Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 10th and 11th ed. Philadelphia, PA: Lippincott, 2008 and 2013.
7. Miller, Chris H. *Infection Control and Management of Hazardous Materials for the Dental Team*. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.
8. The DALE Foundation. www.dalefoundation.org
 - o [Glossary of Dental Terms](#)

Infection Control (ICE) Exam

1. Miller, Chris H. *Infection Control and Management of Hazardous Materials for the Dental Team*. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.
2. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
3. Molinari, John A., and Jennifer A. Harte. *Cottone's Practical Infection Control in Dentistry*. 3rd ed. Philadelphia, PA: Lippincott, 2010.
4. "Guidelines for Infection Control in Dental Health-Care Settings 2003." Vol. 52, RR 17.
<http://www.cdc.gov/oralhealth/infectioncontrol/guidelines/index.htm>
5. U.S. Department of Labor, Occupational Safety and Health Administration, www.osha.gov.
 - "[Hazard Communication Guidelines for Compliance](#)" (Publication 3111)
 - "[Hazard Communication Standard](#)" (Code of Federal Regulations #29, Part 1910)
 - "[Bloodborne Pathogens Standard](#)" (1910.1030)
6. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
7. *From Policy to Practice: OSAP's Guide to the Guidelines*. Organization for Safety, Asepsis and Prevention (OSAP). www.osap.org.
8. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.
9. "Updated U.S. Public Health Service Guidelines for the Management of

Occupational Exposures to HIV and Recommendations for Postexposure Prophylaxis." www.cdc.gov.

10. *Infection Control in the Dental Office: A Review for a National Infection Control Exam Course #0906*. American Dental Assistants Association (ADAA). www.dentalassistant.org.

11. *Guidelines for Infection Control in Dental Health Care Settings, Course #1305*. American Dental Assistants Association.

12. Centers for Disease Control and Prevention. *Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care*. Atlanta, GA: U.S. Department of Health and Human Services, 2016.

13. OSAP's OSHA & CDC Guidelines: *Interact Training System*.

14. The DALE Foundation. www.dalefoundation.org

- o [DANB ICE Review](#)
- o [DANB ICE Practice Test](#)
- o [Glossary of Dental Terms](#)
- o CDEA module: [Understanding CDC's Summary of Infection Prevention Practice in Dental Settings: Basic Expectations for Safe Care](#)

Isolation (IS) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.

2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.

3. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2007 and 2013.

4. Tyler, Lori. *Pearson's Comprehensive Dental Assisting*. Upper Saddle River, NJ: Pearson, 2009.

5. Miller, Chris H. *Infection Control and Management of Hazardous Materials for the Dental Team*. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.

6. The DALE Foundation. www.dalefoundation.org

- o [Glossary of Dental Terms](#)

Orthodontic Assisting (OA) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.

2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.

3. Proffit, William R., Henry W. Fields and David M. Sarver. *Contemporary Orthodontics*. 4th and 5th ed. St. Louis, MO: Elsevier/Mosby, 2006 and 2013.

4. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th

ed. St. Louis, MO: Elsevier/Saunders, 2013.

5. The DALE Foundation. www.dalefoundation.org

- o [DANB OA Practice Test](#)
- o [Glossary of Dental Terms](#)

Radiation Health and Safety (RHS) Exam

1. Johnson, Orlen N., and Evelyn M. Thomson. *Essentials of Dental Radiography for Dental Assistants and Hygienists*. 9th ed. Upper Saddle River, NJ: Pearson Education, 2012.
2. Iannucci, Joen M., and Laura J. Howerton. *Dental Radiography Principles and Techniques* (with CD-ROM). 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2017.
3. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
4. Frommer, Herbert H., and Jeanine J. Stabulas-Savage. *Radiology for the Dental Professional*. 9th ed. St. Louis, MO: Elsevier/Mosby, 2011.
5. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.
6. Miles, Dale A., Margot L. Van Dis, Gail F. Williamson, and Catherine W. Jensen. *Radiographic Imaging for the Dental Team*. 4th ed. St. Louis, MO: Elsevier/Saunders, 2009.
7. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 4th ed. Clifton Park, NY: Delmar Cengage Learning, 2013.
8. "An Introduction to Basic Concepts in Dental Radiography," Course #715. American Dental Assistants Association. www.dentalassistant.org
9. Miller, Chris H. *Infection Control and Management of Hazardous Materials for the Dental Team*. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.
10. The DALE Foundation. www.dalefoundation.org
 - o [Conventional Dental Radiography Review](#)
 - o [DANB RHS Practice Test](#)
 - o [DANB RHS Review](#)
 - o [Glossary of Dental Terms](#)

Restorative Functions (RF) Exam

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
2. Hatrick, Carol D., and W. S. Eakle. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.
3. Phinney, Donna J. and Judy H. Halstead. *Dental Assisting: A*

Comprehensive Approach, 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.

4. Powers, John M. and John C. Wataha. Dental Materials: Properties and Manipulation. 10th ed. St. Louis, MO: Elsevier/Mosby, 2013.

5. Bird, Doni L., and Debbie S. Robinson. Essentials of Dental Assisting. 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2007 and 2013.

6. Miller, Chris H., and Charles Palenik. Infection Control and Management of Hazardous Materials for the Dental Team. 4th and 5th ed. St. Louis, MO: Elsevier/Mosby, 2009 and 2014.

7. The DALE Foundation. www.dalefoundation.org

- o [Glossary of Dental Terms](#)

Sealants (SE) Exam

1. Bird, Doni L., and Debbie S. Robinson. Modern Dental Assisting. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.

2. Phinney, Donna J., and Judy H. Halstead. Dental Assisting: A Comprehensive Approach. 4th ed. Clifton Park, NY: Delmar, 2013.

3. Wilkins, Esther M. Clinical Practice of the Dental Hygienist. 11th ed. Philadelphia, PA: Lippincott, 2013.

4. Miller, Chris H. Infection Control and Management of Hazardous Materials for the Dental Team. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.

5. Bird, Doni L., and Debbie S. Robinson. Essentials of Dental Assisting. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.

6. Hatrick, Carol D., and W. S. Eakle. Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.

7. The DALE Foundation. www.dalefoundation.org

- o [Glossary of Dental Terms](#)

Temporaries (TMP) Exam

1. Bird, Doni L., and Debbie S. Robinson. Modern Dental Assisting. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.

2. Hatrick, Carol D., and W. S. Eakle. Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.

3. Phinney, Donna J., and Judy H. Halstead. Dental Assisting: A Comprehensive Approach. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.

4. Bird, Doni L., and Debbie S. Robinson. Essentials of Dental Assisting. 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2007 and 2013.

5. Powers, John M., and John C. Wataha. Dental Materials: Properties and Manipulation. 10th ed. St. Louis, MO: Elsevier/Mosby, 2013.

6. Miller, Chris H. Infection Control and Management of Hazardous Materials

for the Dental Team. 5th ed. St. Louis, MO: Elsevier/Mosby, 2014.

7. The DALE Foundation. www.dalefoundation.org

- o [Glossary of Dental Terms](#)

Topical Anesthetic (TA) Exam

1. Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 11th and 12th ed. Philadelphia, PA: Lippincott, 2013 and 2017.
2. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
3. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
4. Malamed, Stanley F. *Handbook of Local Anesthesia*. 6th ed. St. Louis, MO: Elsevier/Mosby, 2013.
5. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.
6. The DALE Foundation. www.dalefoundation.org

- o [Glossary of Dental Terms](#)

Topical Fluoride (TF) Exam

1. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
2. Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 10th and 11th ed. Philadelphia, PA: Lippincott, 2008 and 2013.
3. Harris, Norman O., Franklin Garcia-Godoy and Christine Nielson Nathe. *Primary Preventive Dentistry*. 8th ed. Upper Saddle River, NJ: Pearson Education, 2014.
4. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
5. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 4th and 5th ed. St. Louis, MO: Elsevier/Saunders, 2007 and 2013.
6. Hatrick, Carol D., and W. S. Eakle. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.
7. Blue, Christine M. *Darby's Comprehensive Review of Dental Hygiene*. 8th ed. St. Louis, MO: Elsevier, 2017.
8. The DALE Foundation. www.dalefoundation.org

- o [Glossary of Dental Terms](#)

EXHIBIT
EXAMPLE #16

1,988



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CDA

COA

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Conventional Dental Radiography Review Course

\$75.00



4 (Category 1) DANB CDE credits

post-assessment 40 questions

estimated completion time

pre-assessment 10 questions

access 6 months from purchase

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DANB RHS Practice Test

\$39.00



N/A DANB CDE credits

post-assessment N/A

estimated completion time

pre-assessment N/A

access 6 months from purchase

compatibility details

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DANB RHS Review

\$130.00



12 (Category 1) DANB CDE credits

post-assessment 75 questions

estimated completion time

pre-assessment 20 questions

access 6 months from purchase

compatibility details

[DETAILS](#) →

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Infection Control

DANB ICE Practice Test

\$39.00

N/A DANB CDE credits

post-assessment N/A

estimated completion time

pre-assessment N/A

access 6 months from purchase

compatibility Desktop

[DETAILS](#) → [WATCH DEMO](#) ▶

DANB ICE Review



\$130.00

12 (Category 1) DANB CDE credits

post-assessment 75 questions

estimated completion time

pre-assessment 20 questions

access 6 months from purchase

compatibility Desktop

[DETAILS](#) → [WATCH DEMO](#) ▶

Understanding CDC's Summary of Infection Prevention Practices in Dental Settings



\$30.00

2 (Category 1) DANB CDE credits

post-assessment 20 questions

estimated completion time

pre-assessment N/A

access 6 months from purchase

compatibility Desktop

[DETAILS](#) → [WATCH DEMO](#) ▶

General Chairside

DANB GC Practice

Test

\$39.00

N/A DANB CDE credits

pre-assessment N/A

post-assessment N/A

access 6 months from purchase

estimated completion time

compatibility details

[DETAILS](#) →

[WATCH DEMO](#) ▶

DANB GC Review Part I

★★★★★

\$130.00

12 (category 1) DANB CDE credits

pre-assessment 20 questions

post-assessment 75 questions

access 6 Months from purchase

estimated completion time

compatibility details

[DETAILS](#) →

[WATCH DEMO](#) ▶

DANB GC Review Part II

★★★★★

\$130.00

12 (category 1) DANB CDE credits

pre-assessment 10 questions

post-assessment 75 questions

access 6 months from purchase

estimated completion time

compatibility details

[DETAILS](#) →

[WATCH DEMO](#) ▶

Anatomy, Morphology and Physiology

DANB AMP Practice Test

\$39.00

N/A DANB CDE credits

pre-assessment N/A

post-assessment N/A

access 6 months from purchase

estimated comp

compatibility D

[DETAILS](#) →

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DANB AMP Review



\$130.00

12 (Category 1) DANB CDE credits

pre-assessment 10 questions

post-assessment 75 questions

access 6 months from purchase

estimated comp

compatibility D

[DETAILS](#) →

[WATCH DEMO](#) ▶

Coronal Polish

DANB CP Practice Test

\$39.00

N/A DANB CDE credits

pre-assessment N/A

post-assessment N/A

access 6 months from purchase

estimated comp

compatibility D

[DETAILS](#) →

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Expanded Functions

EFDA Practice Test

\$49.00

N/A DANB CDE credits
pre-assessment N/A

post-assessment N/A
access 6 months from purchase

estimated completion time
compatibility Details

[DETAILS](#) → [WATCH DEMO](#) ▶

Orthodontic Assisting

DANB OA Practice Test

\$39.00

N/A DANB CDE credits
pre-assessment N/A

post-assessment N/A
access 6 months from purchase

estimated completion time
compatibility Details

[DETAILS](#) → [WATCH DEMO](#) ▶

Dental Office Management

Accounts Receivable for the Dental Office

\$130.00



4 (Category 2) DANB CDE credits
pre-assessment 10 questions

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility Details

[DETAILS](#) → [WATCH DEMO](#) ▶

Behavioral Guidance and Management for the Pediatric Dental Patient

\$130.00



6 (Category 1) DANB CDE credits
pre-assessment 10 questions

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility details

[DETAILS](#) → [WATCH DEMO](#)

Financial Reporting for the Dental Office

\$130.00



6 (Category 2) DANB CDE credits
pre-assessment 10 questions

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility details

[DETAILS](#) → [WATCH DEMO](#)

HR Fundamentals for the Dental Office

\$130.00



6 (Category 2) DANB CDE credits
pre-assessment 10 questions

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility details

[DETAILS](#) → [WATCH DEMO](#)

Continuing Dental Education Articles

Anxiety and Special Needs in Pediatric Dentistry



\$75.00

12 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Caries Management for Pediatric Dentistry

\$75.00

12 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Dental Cements and Adhesives

\$25.00

3 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 15 questions
access 12 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Pediatric Dentistry



\$75.00

12 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Preventive and Restorative Guidelines for Pediatric Dentistry

\$75.00

12 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Sedation in Pediatric Dentistry



\$75.00

12 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 50 questions
access 6 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Understanding CDC's Summary of Infection Prevention Practices in Dental Settings



\$30.00

2 (Category 1) DANB CDE credits
pre-assessment N/A

post-assessment 20 questions
access 6 months from purchase

estimated completion time
compatibility D

[DETAILS](#) → [WATCH DEMO](#) ▶

Free Courses

Sample Glossary of Dental Terms

N/A DANB CDE credits

pre-assessment N/A

post-assessment N/A

access 1 year

estimated completion

compatibility D

[DETAILS](#) → [WATCH DEMO](#) 

Your Career as a Dental Auxiliary

N/A DANB CDE credits

pre-assessment N/A

post-assessment N/A

access 6 months

estimated completion

compatibility D

[DETAILS](#) → [WATCH DEMO](#) 

Other Study Aids

Glossary of Dental Terms

\$40.00

N/A DANB CDE credits

pre-assessment N/A

post-assessment N/A

access 1 year

estimated completion

compatibility D

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Have questions or need assistance?

Check out our FAQs or contact us directly.



EXHIBIT #17



Dental Assisting National Board, Inc.
Measuring Dental Assisting Excellence®

NATIONAL ENTRY LEVEL DENTAL
ASSISTANT (NELDA) EXAM
BLUEPRINT

25 PAGES

Anatomy, Morphology and Physiology (AMP)

Exam Blueprint and Suggested References

Effective 01/01/2017

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AMP Exam Blueprint

DANB exams are created using the exam blueprint, which is annually reviewed by subject matter experts. The blueprint is developed through a rigorous content validation study (CVS) and validated by DANB certificants using a job analysis survey. A CVS is conducted every five to seven years to ensure the blueprint is consistent with current clinical practices. DANB's Board of Directors approves all updates to DANB exam blueprints.

Sub-Content Area I: Head and Neck (15%)

- A. Circulatory system
- B. Lymphatic system
- C. Muscular system
- D. Nervous system
- E. Skeletal system
- F. Salivary glands
- G. Sinuses
- H. Temporomandibular joints

Sub-Content Area II: Oral Cavity (25%)

- A. Alveolar process
- B. Frenum
- C. Hard and soft palates
- D. Landmarks (e.g., radiographic, bony, soft tissue)
- E. Oral mucosa
- F. Tongue

Sub-Content Area III: Tooth Anatomy, Morphology and Related Characteristics (20%)

- A. Primary dentition

AMP Exam Suggested References

DANB exam committees use the following textbooks and reference materials to develop this exam. This list does not include all the available textbooks and materials for studying for this exam; these are simply the resources that exam committee subject matter experts determined as providing the most up-to-date information needed to meet or surpass a determined level of competency for this exam. Any one reference will likely not include all the material required to study to take the exam.

This list is intended to help prepare for this exam. It is not intended to be an endorsement of any of the publications listed. You should prepare for DANB certification and component exams using as many different study materials as possible.

Textbook References

1. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 10th and 11th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2015.
2. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 3rd and 4th ed. Clifton Park, NY: Delmar, 2008 and 2013.
3. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.
4. Harris, Norman O., Franklin Garcia-Godoy and Christine Nielson Nathe. *Primary Preventive Dentistry*. 7th and 8th ed. Upper Saddle River, NJ: Pearson Education, 2008 and 2014.
5. Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 10th and 11th ed. Philadelphia, PA: Lippincott, 2008 and 2013.

Organizational References

1. The DALE Foundation. www.dalefoundation.org.
 - *DANB AMP Review*
 - *DANB AMP Practice Test*
 - *Glossary of Dental Terms*



Dental Assisting National Board, Inc.
Measuring Dental Assisting Excellence®

Radiation Health and Safety (RHS®)

Exam Outline and Suggested References

State Regulations

Each state's dental board implements regulations and establishes rules for delegating legally allowable duties to dental assistants. Passing one or more of the DANB component exams or earning DANB certification only conveys authority to perform these duties in those states that recognize these exams or this certification as meeting state dental assisting requirements. This information is available at www.danb.org.

Effective 01/01/2018

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RHS Exam Outline

DANB exams are created using the exam outline, which is annually reviewed by subject matter experts (e.g., Certified Dental Assistant™ [CDA®] certificants and dentists). The outline is developed using a Content Validation Study (CVS), which includes a job analysis survey where practicing CDA certificants are surveyed about how often tasks are performed and how important competent performance of tasks is to the health and safety of the public. This study is conducted every five to seven years to ensure the outline is consistent with current clinical practices. DANB's Board of Directors approves all updates to DANB exam outlines. The RHS exam measures a candidate's knowledge of national radiographic imaging practices.

NOTE: DANB uses "image receptor" to refer to conventional film or sensors used for digital imaging.

Domain I: Expose and Evaluate (26%)

A. Assessment and Preparation

1. Describe patient preparation for radiographic exposures (e.g., inspect the patient's head and neck for removable appliances and foreign objects).
2. Select radiographic technique.
 - a. Describe use and purpose of intraoral and extraoral radiographic images, including but not limited to:
 - i. periapical.
 - ii. bitewing.
 - iii. occlusal.
 - iv. panoramic.
 - v. cephalometric and other extraoral views.
 - b. Select radiographic survey to examine or view conditions, teeth or landmarks.
 - c. Describe technique modifications based on anatomical variations.
3. Select equipment for radiographic technique.
 - a. Describe purpose or advantage of accessories.
 - b. Select image receptor size.
 - c. Describe purpose and advantage of double (dual) film packets.

- ii. Match tooth views to tooth mount windows.
- iii. Demonstrate understanding of radiographic image viewing techniques.
- b. Identify anatomical structures, dental materials and patient information observed on radiographic images (e.g., differentiating between radiolucent and radiopaque areas).

D. Patient Management

- 1. Describe techniques for patient management before, during and after radiographic exposure (e.g., patients with special needs).
- 2. Describe techniques for patients with a severe gag reflex.

Domain II: Quality Assurance and Radiology Regulations (21%)

A. Quality Assurance

- 1. Evaluate film storage areas.
- 2. Identify and describe how to correct errors related to improperly storing radiographic film.
- 3. Describe how to prepare, maintain and replenish automatic processor solutions.
- 4. Identify conditions required for film processing.
- 5. Describe how to implement quality assurance procedures.

B. Radiology Regulations

- 1. Describe how to prepare radiographic images for legal requirements, viewing, duplication and transfer.
- 2. Describe how to store chemical agents used in dental radiography procedures according to regulatory agencies, in compliance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard.
- 3. Describe how to dispose of chemical agents and other materials used in dental radiography procedures.

Domain III: Radiation Safety for Patients and Operators (31%)

A. Identify current American Dental Association (ADA) guidelines for patient selection and limiting radiation exposure.

B. Apply the principles of radiation protection and hazards in the operation of radiographic equipment.

B. Standard Precautions for Patients and Operators

1. Demonstrate understanding of infection control for radiographic procedures according to ADA, CDC and OSHA guidelines for conventional and digital radiography.
2. Describe infection control techniques used during radiographic processing, following ADA, CDC and OSHA guidelines.

4. The DALE Foundation. www.dalefoundation.org.

- *DANB RHS Review*
- *Conventional Dental Radiography Review*
- *DANB RHS Practice Test*
- *Glossary of Dental Terms*



Dental Assisting National Board, Inc.
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Infection Control (ICE®)

Exam Outline and Suggested References

State Regulations

Each state's dental board implements regulations and establishes rules for delegating legally allowable duties to dental assistants. Passing one or more of the DANB component exams or earning DANB certification only conveys authority to perform these duties in those states that recognize these exams or this certification as meeting state dental assisting requirements. This information is at www.danb.org.

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ICE Exam Outline

DANB exams are created using the exam outline, which is annually reviewed by subject matter experts (e.g., Certified Dental Assistant™ [CDA®] certificants and dentists). The outline is developed using a Content Validation Study (CVS), which includes a job analysis survey where practicing CDA certificants are surveyed about how often tasks are performed and how important competent performance of tasks is to the health and safety of the public. This study is conducted every five to seven years to ensure the outline is consistent with current clinical practices. DANB's Board of Directors approves all updates to DANB exam outlines. The ICE exam measures a candidate's knowledge of national infection control practices.

This exam references the following (see p. 7 for full citations for these references):

- Centers for Disease Control and Prevention. Guidelines for Infection Control in Dental Health-Care Settings-2003
- Centers for Disease Control and Prevention. Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care
- Occupational Safety and Health Administration (OSHA) Bloodborne Pathogens (BBP) standard
- OSHA Hazard Communication standard

Domain I: Standard Precautions and the Prevention of Disease Transmission (20%)

A. Recognize infectious diseases and their relationship to patient and occupational risk.

1. Identify modes of disease transmission.
2. Needs for immunization against infectious diseases (e.g., hepatitis B, influenza).

B. Demonstrate understanding of how to review a medical history to prevent adverse reactions during dental care (e.g., adverse reactions to latex or vinyl).

C. Demonstrate understanding of proper hand hygiene as performed before, during and after oral surgery and intraoral procedures, including but not limited to:

1. products (e.g., antimicrobial, antibacterial, alcohol rub).
2. skin/nail care.
3. techniques (e.g., length of time, sequencing).
4. select appropriate hand hygiene protocol.

D. Describe how to protect the patient and operator by using personal protective equipment (PPE) (e.g., masks, gloves, eyewear, gowns).

5. Select proper methods of disinfection for impressions and dental appliances.
6. Dispose of biohazardous and other waste according to federal regulations.

Domain III: Instrument/Device Processing (26%)

A. Demonstrate understanding of processing reusable dental instruments and devices.

1. Transport contaminated instruments/devices to prevent cross-contamination.
2. Follow work flow patterns to avoid cross-contamination of instruments/devices and supplies.
3. Clean and maintain dental instruments/devices and supplies prior to sterilization.
4. Prepare and use chemical agents for cleaning instruments/devices.
5. Prepare dental instruments/devices and supplies for sterilization.
6. Select the system for sterilization.
7. Select the system for sterilization monitoring (e.g., biological monitoring, chemical integrators).
8. Package and label instruments/devices for sterilization.
9. Load and unload the sterilizer.
10. Store and maintain integrity of sterile instruments/devices and supplies.

B. Demonstrate understanding of how to monitor and maintain processing equipment and sterilizers (e.g., ultrasonic cleaner, autoclave).

1. Interpret sterilization monitoring devices, errors and results.
2. Respond to equipment malfunctions.

Domain IV: Occupational Safety/Administrative Protocols (20%)

A. Demonstrate understanding of occupational safety standards and guidelines for personnel.

1. CDC Guidelines for Infection Control in Dental Health-Care Settings – 2003.
2. CDC Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care, 2016.
3. OSHA Bloodborne Pathogens standard as it applies to, but not limited to:

ICE Exam Suggested References

DANB exam committees use the following textbooks and reference materials to develop this exam. This list does not include all the available textbooks and materials for studying for this exam; these are simply the resources that exam committee subject matter experts determined as providing the most up-to-date information needed to meet or surpass a determined level of competency for this exam. Any one reference will likely not include all the material required to study to take the exam.

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2. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 11th and 12th ed. St. Louis, MO: Elsevier/Saunders, 2015 and 2017.
3. Miller, Chris, and Charles J. Palenik. *Infection Control and Management of Hazardous Materials for the Dental Team*. 6th ed. St. Louis, MO: Elsevier/Mosby, 2018.
4. Molinari, John, and Jennifer Harte. *Cottone's Practical Infection Control in Dentistry*. 3rd ed. Philadelphia, PA: Lippincott, 2010.
5. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 4th ed. Clifton Park, NY: Delmar, 2013.

Organizational References

1. The Organization for Safety and Asepsis (OSAP). www.osap.org.
 - *From Policy to Practice: OSAP's Guide to the Guidelines*
 - *OSAP's OSHA & CDC Guidelines: Interact Training System*
2. The American Dental Assistants Association (ADAA). www.dentalassistant.org.
 - *Infection Control in the Dental Office: A Review for a National Infection Control Exam (Course #0906)*
 - *Guidelines for Infection Control in Dental Health Care Settings (Course #1305)*
3. The DALE Foundation. www.dalefoundation.org.
 - *DANB ICE Review*
 - *DANB ICE Practice Test*
 - *Glossary of Dental Terms*
 - *CDEA module: Understanding CDC's Summary of Infection Prevention Practice in Dental Settings: Basic Expectations for Safe Care*



Dental Assisting National Board, Inc.
Measuring Dental Assisting Excellence®

The ICE® exam is a component of the National Entry Level Dental Assistant (NELDA®), Certified Dental Assistant™ (CDA®) and Certified Orthodontic Assistant (COA®) certification programs.

NELDA component exams

Anatomy, Morphology and Physiology (AMP)

Radiation Health and Safety (RHS®)

Infection Control (ICE)

CDA component exams

Radiation Health and Safety (RHS)

Infection Control (ICE)

General Chairside Assisting (GC)

COA component exams

Orthodontic Assisting (OA)

Infection Control (ICE)

EXHIBIT #8



Dental Assisting National Board, Inc.
Measuring Dental Assisting Excellence®

CERTIFIED DENTAL ASSISTANT
(CDA) EXAM BLUEPRINT

32 pages

Radiation Health and Safety (RHS®)

Exam Outline and Suggested References

State Regulations

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NOTE: DANB uses "image receptor" to refer to conventional film or sensors used for digital imaging.

Domain I: Expose and Evaluate (26%)

A. Assessment and Preparation

1. Describe patient preparation for radiographic exposures (e.g., inspect the patient's head and neck for removable appliances and foreign objects).
2. Select radiographic technique.
 - a. Describe use and purpose of intraoral and extraoral radiographic images, including but not limited to:
 - i. periapical.
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 - iii. occlusal.
 - iv. panoramic.
 - v. cephalometric and other extraoral views.
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 - c. Describe technique modifications based on anatomical variations.
3. Select equipment for radiographic technique.
 - a. Describe purpose or advantage of accessories.
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 - c. Describe purpose and advantage of double (dual) film packets.

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1. Describe techniques for patient management before, during and after radiographic exposure (e.g., patients with special needs).
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3. Describe how to dispose of chemical agents and other materials used in dental radiography procedures.

Domain III: Radiation Safety for Patients and Operators (31%)

A. Identify current American Dental Association (ADA) guidelines for patient selection and limiting radiation exposure.

B. Apply the principles of radiation protection and hazards in the operation of radiographic equipment.

B. Standard Precautions for Patients and Operators

1. Demonstrate understanding of infection control for radiographic procedures according to ADA, CDC and OSHA guidelines for conventional and digital radiography.
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4. The DALE Foundation. www.dalefoundation.org.

- *DANB RHS Review*
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Dental Assisting National Board, Inc.
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Infection Control (ICE®)

Exam Outline and Suggested References

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This exam references the following (see p. 7 for full citations for these references):

- Centers for Disease Control and Prevention. Guidelines for Infection Control in Dental Health-Care Settings-2003
- Centers for Disease Control and Prevention. Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care
- Occupational Safety and Health Administration (OSHA) Bloodborne Pathogens (BBP) standard
- OSHA Hazard Communication standard

Domain I: Standard Precautions and the Prevention of Disease Transmission (20%)

- A. Recognize infectious diseases and their relationship to patient and occupational risk.**
 1. Identify modes of disease transmission.
 2. Needs for immunization against infectious diseases (e.g., hepatitis B, influenza).
- B. Demonstrate understanding of how to review a medical history to prevent adverse reactions during dental care (e.g., adverse reactions to latex or vinyl).**
- C. Demonstrate understanding of proper hand hygiene as performed before, during and after oral surgery and intraoral procedures, including but not limited to:**
 1. products (e.g., antimicrobial, antibacterial, alcohol rub).
 2. skin/nail care.
 3. techniques (e.g., length of time, sequencing).
 4. select appropriate hand hygiene protocol.
- D. Describe how to protect the patient and operator by using personal protective equipment (PPE) (e.g., masks, gloves, eyewear, gowns).**

5. Select proper methods of disinfection for impressions and dental appliances.
6. Dispose of biohazardous and other waste according to federal regulations.

Domain III: Instrument/Device Processing (26%)

A. Demonstrate understanding of processing reusable dental instruments and devices.

1. Transport contaminated instruments/devices to prevent cross-contamination.
2. Follow work flow patterns to avoid cross-contamination of instruments/devices and supplies.
3. Clean and maintain dental instruments/devices and supplies prior to sterilization.
4. Prepare and use chemical agents for cleaning instruments/devices.
5. Prepare dental instruments/devices and supplies for sterilization.
6. Select the system for sterilization.
7. Select the system for sterilization monitoring (e.g., biological monitoring, chemical integrators).
8. Package and label instruments/devices for sterilization.
9. Load and unload the sterilizer.
10. Store and maintain integrity of sterile instruments/devices and supplies.

B. Demonstrate understanding of how to monitor and maintain processing equipment and sterilizers (e.g., ultrasonic cleaner, autoclave).

1. Interpret sterilization monitoring devices, errors and results.
2. Respond to equipment malfunctions.

Domain IV: Occupational Safety/Administrative Protocols (20%)

A. Demonstrate understanding of occupational safety standards and guidelines for personnel.

1. CDC Guidelines for Infection Control in Dental Health-Care Settings – 2003.
2. CDC Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care, 2016.
3. OSHA Bloodborne Pathogens standard as it applies to, but not limited to:

ICE Exam Suggested References

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Textbook References

1. Bird, Doni L., and Debbie S. Robinson. *Essentials of Dental Assisting*. 5th ed. St. Louis, MO: Elsevier/Saunders, 2013.
2. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 11th and 12th ed. St. Louis, MO: Elsevier/Saunders, 2015 and 2017.
3. Miller, Chris, and Charles J. Palenik. *Infection Control and Management of Hazardous Materials for the Dental Team*. 6th ed. St. Louis, MO: Elsevier/Mosby, 2018.
4. Molinari, John, and Jennifer Harte. *Cottone's Practical Infection Control in Dentistry*. 3rd ed. Philadelphia, PA: Lippincott, 2010.
5. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 4th ed. Clifton Park, NY: Delmar, 2013.

Organizational References

1. The Organization for Safety and Asepsis (OSAP). www.osap.org.
 - *From Policy to Practice: OSAP's Guide to the Guidelines*
 - *OSAP's OSHA & CDC Guidelines: Interact Training System*
2. The American Dental Assistants Association (ADAA). www.dentalassistant.org.
 - *Infection Control in the Dental Office: A Review for a National Infection Control Exam (Course #0906)*
 - *Guidelines for Infection Control in Dental Health Care Settings (Course #1305)*
3. The DALE Foundation. www.dalefoundation.org.
 - *DANB ICE Review*
 - *DANB ICE Practice Test*
 - *Glossary of Dental Terms*
 - *CDEA module: Understanding CDC's Summary of Infection Prevention Practice in Dental Settings: Basic Expectations for Safe Care*



Dental Assisting National Board, Inc.

Measuring Dental Assisting Excellence®

The ICE® exam is a component of the National Entry Level Dental Assistant (NELDA®), Certified Dental Assistant™ (CDA®) and Certified Orthodontic Assistant (COA®) certification programs.

NELDA component exams

Anatomy, Morphology and Physiology (AMP)

Radiation Health and Safety (RHS®)

Infection Control (ICE)

CDA component exams

Radiation Health and Safety (RHS)

Infection Control (ICE)

General Chairside Assisting (GC)

COA component exams

Orthodontic Assisting (OA)

Infection Control (ICE)



Exam Outline Overview

GC Exam Weighting by Domain

- I. Collection and Recording of Clinical Data (10%)
- II. Chairside Dental Procedures (45%)
- III. Chairside Dental and Laboratory Materials (13%)
- IV. Patient Education and Oral Health Management (10%)
- V. Prevention and Management of Patient Emergencies (12%)
- VI. Office Operations (10%)

GC Exam Administration

- Number of Questions: 120
- Time for Exam: 90 minutes
- Tutorial Time: 5 minutes
- Comment Time: 5 minutes

DANB uses computer adaptive testing (CAT) to present questions to candidates. Each candidate starts with a question at or around the pass point. If the candidate gets a question correct, the next question will be slightly harder. If the question is incorrectly answered, the next question will be slightly easier. Question selection takes into account the content of the question, as each candidate is presented with the same percentage of questions from each domain on the exam outline. Using this method of testing, DANB can more accurately pinpoint a candidate's ability level. The average candidate will get around 50% of the questions correct and around 50% of the questions incorrect. The candidate's score is based on the difficulty of the questions that were answered correctly.

D. Demonstrate understanding of diagnostic aids.

1. Prepare for and assist with the collection of diagnostic data (e.g., photographs).
2. Take impressions and pour models for diagnostic study casts.

E. Demonstrate understanding of treatment documentation.

1. Record treatment and prescriptions (e.g., medication, instructions) on chart.
2. Record recommended treatment and patient's acceptance or refusal of the treatment.
3. Record patient's compliance.

Domain II: Chairside Dental Procedures (45%)

A. Demonstrate understanding of four-handed dentistry techniques.

1. Prepare the treatment room.
2. Prepare treatment trays with armamentarium in sequence of use and delivery position.
3. Seat and prepare a patient, position and adjust equipment.
4. Use four-handed dentistry concepts in all treatment procedures, including but not limited to:
 - a. access and visibility during treatment procedures.
 - b. positioning during dental treatment.
 - c. instrument transfers.

B. Demonstrate understanding of how to select and prepare armamentarium:

1. impression trays.
2. chairside and dental emergency procedures, including but not limited to:
 - a. amalgam restorations.
 - b. anesthetics.
 - c. bleaching/whitening.
 - d. composite restorations.
 - e. crown and bridge preparation/cementation.
 - f. dental dam application.
 - g. desensitization of the teeth.
 - h. endodontic therapy.
 - i. extractions.
 - j. fluoride application.
 - k. immediate dentures.
 - l. impactions.
 - m. implants.

- d. desensitization of the teeth.
- e. endodontic therapy.
- f. fabrication of removable partial or full dentures.
- g. fluoride application.
- h. implants.
- i. occlusal equilibration/adjustment.
- j. occlusal registration.
- k. oral examination and data collection.
- l. oral prophylaxis.
- m. oral surgery.
- n. periodontal procedures.
- o. placement of sealants.
- p. placement of stainless steel crowns.
- q. post-operative treatment and complications.
- r. suture placement and removal.
- s. taking initial/final impressions.

D. Demonstrate understanding of patient management.

- 1. Calm and reassure apprehensive patients.
- 2. Manage patients, including patients with special needs, during routine clinical procedures.
- 3. Monitor and record patient's response to drugs/medications.

Domain III: Chairside Dental and Laboratory Materials (13%)

A. Chairside Dental Materials (Preparation, Manipulation, Application)

- 1. Impression
 - a. Describe how to prepare, mix, deliver and store materials for impressions:
 - i. alginate (e.g., irreversible hydrocolloid).
 - ii. elastomers.
 - iii. waxes.
- 2. Restorative
 - a. Describe how to prepare, mix, deliver and store restorative materials, including but not limited to:
 - i. amalgam.
 - ii. cements.

Domain IV: Patient Education and Oral Health Management (10%)

- A. Demonstrate understanding of oral health information to be provided to the patient.**
1. Patient education topics, including but not limited to:
 - a. advantages and disadvantages of various restorative materials or procedures.
 - b. causes of dental diseases.
 - c. classifications and importance of occlusion.
 - d. effect of systemic disease on the healing process.
 - e. functions of saliva.
 - f. functions of primary and permanent teeth and relationship of the supporting structures.
 - g. personal oral habits that can compromise general health.
 - h. stages of the eruption and exfoliation of the teeth.
 - i. special dental health needs (e.g., due to physical status or age).
 - j. procedures and services being delivered.
 - k. effects of types of fluoride, advantages of administration methods, and dangers of overdosage.
- B. Demonstrate understanding of pre- and post-treatment instruction.**
1. Provide oral and written pre- and post-treatment instructions (e.g., prescribed medications).
 2. Care for removable and non-removable appliances and prostheses.
- C. Demonstrate understanding of plaque control techniques, including but not limited to:**
1. toothbrush selection and brushing techniques.
 2. evaluate oral healthcare status and habits.
 3. evaluate response to home-care therapy.
 4. provide preventive oral healthcare information based on individual patient needs.
 5. oral hygiene devices (e.g., toothbrush, floss, interdental aid, oral rinse, irrigating aid).
 6. plaque disclosing aids.
- D. Demonstrate understanding of nutrition.**
1. Evaluate basic nutritional needs as they relate to dental health.
 2. Describe relationship of diet to the development of caries.

5. Describe how to assemble, maintain and recognize the use of drugs, emergency supplies, and equipment for the prevention and/or management of an emergency.
6. Describe how to prepare and post a listing of emergency support personnel.

B. Dental Conditions/Emergencies

1. Identify signs and symptoms of dental conditions/emergencies, including but not limited to:
 - a. oral contagious diseases.
 - b. soft tissue inflammations of the oral cavity.
 - c. hard tissue of the oral cavity.
 - d. dental intraoral trauma.
2. Describe how to implement and/or assist with the management of dental emergencies.

Domain VI: Office Operations (10%)

A. Supply and Inventory Control

1. Describe how to maintain and control supplies, including but not limited to:
 - a. manage backorders according to the inventory control system.
 - b. order supplies, instruments and equipment to maintain specified levels.
 - c. record and inventory items used.
 - d. rotate expendable supplies according to the expiration date.
 - e. rotate nonexpendable supplies according to the inventory control system.
2. Describe how to maintain security and records of controlled substances.

B. Maintenance of Equipment/Instruments

1. Describe how to perform preventive maintenance.
2. Describe how to store supplies (e.g., sterile disposable products, nitrous oxide, oxygen).

C. Demonstrate understanding of patient reception, communication and accounting, including but not limited to:

1. appointment control process.
2. basic concepts of third-party payment (e.g., insurance).
3. explain fees charged to a patient, as directed by the dentist.
4. financial management of a dental office.
5. initiate referral procedures for the patient, as directed.
6. receive and dismiss patients and visitors.

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2. Bird, Doni L., and Debbie S. Robinson. *Modern Dental Assisting*. 11th and 12th ed. St. Louis, MO: Elsevier/Saunders, 2015 and 2017.
3. Gaylord, Linda J. *The Administrative Dental Assistant*. 3rd and 4th ed. St. Louis, MO: Elsevier/Saunders, 2012 and 2017.
4. Hatrick, Carol D., and W. S. Eakle. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd ed. St. Louis, MO: Elsevier/Saunders, 2016.
5. Little, James W., Donald A. Falace, Craig S. Miller and Nelson L. Rhodus. *Dental Management of the Medically Compromised Patient*. 8th ed. St. Louis, MO: Elsevier/Mosby, 2013.
6. Malamed, Stanley F. *Medical Emergencies in the Dental Office*. 7th ed. St. Louis, MO: Elsevier/Mosby, 2015.
7. Phinney, Donna J., and Judy H. Halstead. *Dental Assisting: A Comprehensive Approach*. 4th ed. Clifton Park, NY: Delmar, 2013.

Organizational References

1. American Dental Assistants Association (ADAA). www.dentalassistant.org
 - *General Chairside Assisting: A Review for a National Chairside Exam* (Course #613).
2. The DALE Foundation. www.dalefoundation.org.
 - *DANB GC Review Part I*
 - *DANB GC Review Part II*
 - *DANB GC Practice Test*
 - *Glossary of Dental Terms*