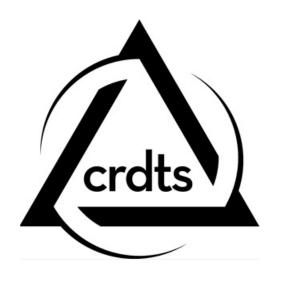
# CRDTS 2021 HYGIENE SIMULATED PATIENT EXAMINATION

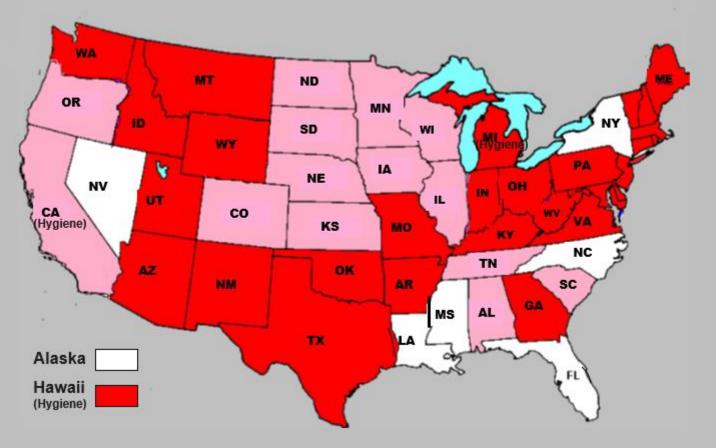


Hawaii Dental Board Meeting January 25, 2021



Kim Laudenslager, RDH, MPA

# CRDTS January 25, 2021 **States Accepting CRDTS Hygiene Examinations**



States in Pl accept BOTH Patient Based & Simulated Patient Exams

States in RED accept the Patient Based Exam

000001

# **Patient Based vs Simulated Patient?**

### 2021 DENTAL HYGIENE

PATIENT BASED EXAM

CANDIDATE'S MANUAL



A National Dental Hygiene Clinical Examination

Central Regional Dental Testing Service, Inc.

1725 SW Gage Blvd. Topeka, Kansas 66604 (785) 273-0380 (800) 370-0380 www.crdts.org

Please read this candidate manual carefully and bring it with you to the examination.

Copyright © 2021 CRDTS - Central Regional Dental Testing Service, Inc.

### 2021

DENTAL HYGIENE

**SIMULATED PATIENT (MANIKIN)** 

CANDIDATE'S MANUAL



A National Dental Hygiene Clinical Examination

**Central Regional Dental Testing Service, Inc.** 

1725 SW Gage Blvd. Topeka, Kansas 66604 (785) 273-0380 (800) 370-0380 www.crdts.org

Please read this candidate manual carefully and bring it with you to the examination.

Copyright © 2021 CRDTS - Central Regional Dental Testing Service, Inc.

# What's the Same?

- Same Cost ... \$1,025
- Same Scoring ... released after each testing group
- Same Complimentary weekend retake options
- Yes, Ultrasonics allowed on both
- Basically same content, scoring and criteria

SAME SAME BUT DIFFERENT

# What's the Same? Content & Scoring

### » Patient Based Exam

	Scorable	Points scored	
Clinical Skill	Items x	per Item =	Max Points
Extra/Intra Oral Assessment	8	2	16
Periodontal Probing	12	1	12
Scaling/Subgingival Calculus Removal	12	5	60
Supragingival Deposit Removal	6	2	12
TOTAL EXAM POINTS/ MAX SCORE			100

## » Simulated Patient Exam

	Scorable	•	Points scored	
Clinical Skill	Items	X	per Item =	Max Points
Extra/Intra Oral Assessment OSCE	16		1	16
Periodontal Probing	12		1	12
Scaling/Subgingival Calculus Removal	12		5	60
Calculus Detection	12		1	12
TOTAL EXAM POINTS/ MAX SCORE				100

## CRDTS January 25, 2021



FEATURED ARTICLE | VOLUME 10, ISSUE 5, E257-E260, MAY 01, 2014

# Examining Validity, Fidelity, and Reliability of Human Patient Simulation

- Simulation is increasingly being used in high-stakes performance evaluation.
- Given the significance of the decisions made, based on performance, it is essential that there is demonstrated:
  - Validity of content
  - Reliability of the scoring rubric
  - Fidelity of implementation

# What's the Diff?

# **Exam Timing**

## **Patient Based Exam Timing**

### **Examination Timing**

Once the first Treatment Selection has been evaluated by the examiners and deemed either acceptable or unacceptable, candidates will be given a 2½ hour Start/Finish Time.

2 ½ Hours

## **Simulated Patient Exam Timing**

### **Examination Timing**

Candidates will have fifteen (15) minutes to complete the written Oral Assessment OSCE section of the exam and will have two (2) hours to complete the calculus detection, scaling/subgingival calculus removal and periodontal probing sections of the exam.

2 <sup>1</sup>/<sub>4</sub> Hours

# **Extra/Intra Oral Assessment**

### **Patient Based Oral Assessment**

- » Performed on-site with patient
- » Candidates usually take ~ 15 minutes
- » To complete 8 distinct sections
- » Worth 2 points each = Highest possible score = 16

### Simulated-Patient Oral Assessment OSCE

- » OSCE Performed on-site via CRDTS computer tablet
- » Candidates have 15 minutes
- » To view and answer 16 multiple-choice questions
- » Worth 1 point each = Highest possible score = 16

# **Calculus Detection**

- The candidate will be assigned 12 surfaces to explore
- The candidate must accurately indicate by recording the presence (yes) or absence (no) of calculus on each of the 12 assigned surfaces
- 12 surfaces worth 1 point each

Candidates: Explore each assigned surface and indicate the presence of subgingival calculus by recording a Y or N in the box below the assigned surface.

Calculus Detection: 12 surfaces assigned are listed below:

2 D	2 L	3 M	5 M	7 F	9 D	10 L	11 D	13 F	14 M	14 M	15 D
Y	Y	N	Y	Y	Ν	Ν	Y	Y	Z	Y	Ν

# Subgingival Calculus Removal

- The candidate will select either the right or left mandibular quadrant to scale
- The candidate is expected to scale all surfaces of all teeth in their selected quadrant
- Ultrasonics are allowed
- Instruments need to be clean but not necessarily sterile
- Examiners will select 12 surfaces in the treated quadrant for final evaluation
- 12 surfaces worth 5 points each

# **Periodontal Probing**

- The candidate will be assigned two teeth to probe
- The candidate must accurately chart within +/- 1 mm the depth of the gingival sulcus on six aspects of the two assigned teeth
- 12 probe readings worth 1 point each

CDDTC COODDINIATOR

CRDTS COORDINATOR:					
Periodontal Measurements: COORDINATOR assigns 2 TEETH for Probing Depths:	#	mm	#	mm	
Candidates: Measure and record the depth of each	DF		DF		
sulcus on six aspects for the two assigned teeth	F		F		
Note measurements in the shaded boxes ONLY	MF		MF		
Note measurements in the shaded boxes oner	DL		DL		
ANY BOX LEFT BLANK WILL BE RECORDED AS AN ERROR	L		L		
ALCONDED AS AN ERROR	ML		ML	00	0010

# Fidelity = How close to real?

- Fidelity in simulation has traditionally been defined as 'the degree to which the experience replicates reality'.
- Fidelity is the word used to discuss the realism of the examination experience.
- All attempts have been made to increase the fidelity of the simulation so that the candidate will treat the experience as real as possible.
- Fidelity played an important role in the development and choice of an appropriate simulation for each skill task.

# **Infection Control**

- During all simulated patient treatment procedures the candidate must follow proper aseptic and infection techniques.
- Candidates must wear PPE as follows:
  - Gloves
  - Mask
  - Protective Eyewear
  - Lab Jacket
- The operatory and/or operating field must remain clean and organized in appearance.

# CRDTS January 25, 2021

# **CRDTS** will provide **Acadental Typodont**



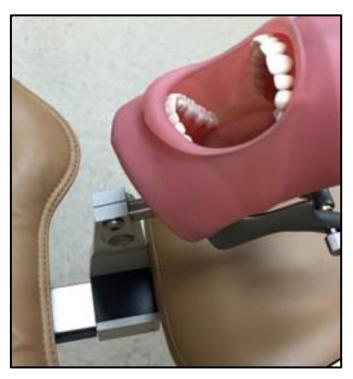


CRDTS will provide
Acadental Oral Cavity Cover



# **Examples of Mounted Typodonts**



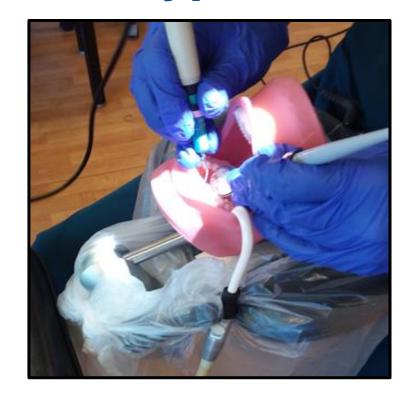




Candidates receive their typodont with the oral cavity cover (shroud) already attached.

# **Examples of Mounted Typodonts**





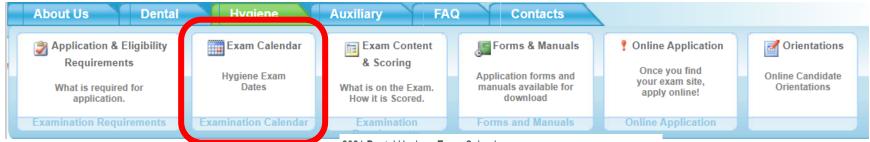
The correct patient/operator position must be maintained while operating. The facial shroud may not be displaced other than with those retraction methods which would be reasonable for a patient's facial tissue.

Output

Description must be maintained may not be displaced other than with those retraction methods which would be reasonable for a patient's facial tissue.

## CRDTS January 25, 2021

# **CRDTS Website = www.CRDTS.org**



### 2021 Dental Hygiene Exam Calendar

(Exams will be updated as soon as information becomes available)

	Exam Calendar	1
	Hygiene Exam Dates	١
E	S=SIMULATED	1
	P=PATIENT	
	В=вотн	

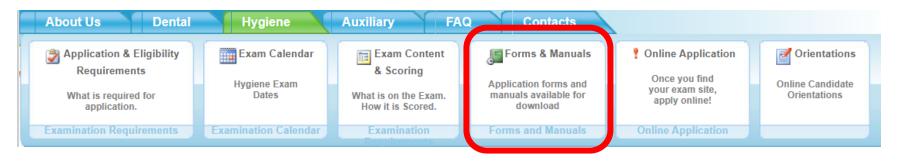
Date	S=SIMULATED P=PATIENT B=BOTH	ite	City	State	Deadline
February 19	1 B	oncorde Career College	San Bernardino	CA	Januaruy 15
March 19-21	Р	oncorde Career College	Dallas	TX	February 5
March 19-21	Р	oncorde Career College	San Antonio	TX	February 5
March 19-20	Р	regon Institute of Technology	Klamath Falls	OR	February 5
March 26-28	В	olorado Northwestern CC	Rangely	CO	February 12
March 26-28	В	ewis & Clark Community College	Godfrey	IL	February 12
April 9-11	Р	arrington College	Sacramento	CA	February 26
April 9-11	Р	entral Georgia Technical College	Macon	GA	February 26
April 9-11	Р	layton State University	Marrow	GA	February 26
April 16-18	В	/allace State Community College	Hanceville	AL	March 5
April 16-18	Р	tlanta Technical College	Atlanta	GA	March 5
April 16-18	Р	niversity of Hawaii - Manoa	Honolulu	HI	March 5
April 16-18	Р	ima Medical Institute	Albuquerque	NM	March 5
April 16-18	S	rident Technical College	Charleston	SC	March 5
_					

NTAL TE	STING (A)	Comment of the Party of the Par		E Vidore
	TATE CONTRACTOR OF THE PARTY OF			_
out Da	erof Hyghra Auditory F	AD Contacts	_	
rgiene > Exam C				
	al Hygiene Exam Calendar			
At this time a	I exams are Patient Based unless o	otherwise noted) City	Xhuhe	Deadline
lensery 8-10	Forts College	Attente	GA	December 4, 2020
Setrony 19-21 March 19-21	Concorde Career College Concorde Career College	San Berrardino Dallas	CA	January 15 February 5
Verch 19-21	Concorde Career College	Sen Antonio	TX.	February 5
Verch 19-20	Oregon Institute of Technology	Klamath Falls	OR	February 5
Verch 26-28 Verch 26-28	Colorado Northwestern CC Lewis & Clark Community College	Rangely Godfrey	CO	February 12 February 12
April 9-11	Carrington College	Sacramento	CA	February 28
April 9-11	Central Georgia Technical College	Macon	GA	February 28
April 9-11 April 16-18	Clayton State University Waltace State Community College	Marrow	GA. AL	February 28 March 5
kpril 16-16	Allanta Technical College	Alberta	GA	March 5
April 16-18	University of Hawaii - Manos	Honolulu	н	March 5
April 16-18	Pirra Medical Institute Trident Technical College	Abuquerque	NUL	March 5
April 16-18	(Structeded Mankin Exam Only)	Charleston	SC	March 5
April 23-25 April 23-25	Savannah Technical College	Savannah Greenville	GA.	March 12 March 12
April 23-25 April 23-25	Greenville Technical College Blins Cullege	Greenville	TX.	March 12 March 12
April 23-25	Madison College	Madaon	WI	March 12
April 23-25	Creighton University	Omatu	NE	March 12
April 30-May 2 April 30-May 2	Carl Sandburg College	Gainesville Galesburg	GA.	March 19 March 19
April 30-May 2	Parkland College	Champaign	i.	March 19
April 30-May 2	Southern Hinota University Lake Surgetor College	Carbondale	IL.	March 19 March 19
April 30-May 2 April 30-May 2	Linke Superior College University of Nebranka	Dututh	MN	March 19 March 10
April 30-May 2	North Dakota State	Watgeton	ND	Merch 19
tay 7-0	Augusta University	Augusta	GA.	March 26 March 26
they 7-0 they 7-0	Wichita State University Century College	White Bear Lake	MN	March 26 March 26
Vary 7-9	Pima Medical Institute	Septile	WA	March 26
Vary 7-0	Chippens Valley Community College	Eau Chire	WI	March 26
Vay 7-9 Vay 13-14	Milwaukee Area Technical College Normandale Community College	Milwaukee Bloomington	WII MN	March 28 April 2
Vary 14-16	Community College of Demver	Denver	CO	April 2
Vay 14-16	Concorde Career College	Aurora	CO	April 2
Vay 14-16 Vay 14-16	Pacific University Midlands Technical College	Hillsboro Columbia	OR SC	April 2 April 2
Vay 14-16	University of South Dekote	Vermillon	SD	April 2
Vay 14-16	Sherkten College	Sheridan	WY	April 2
Vay 21-23 Vay 21-23	Pueblo Community College Hawkeye Community College	Pueblo Waterloo	CO IA	April 9 April 9
Very 21-23	Del Mar College	Corpus Cristi	TX.	April 9
Vey 21-23	Wharton County Junior College	Whieton	TX.	April 9
Nay 21-23 lane 4-8	Northwell Waconsin Technical College Diablo Valley College	Green Bay Pleasant Hill	CA	April 9 April 23
une 4-8	East Termesome State University	Johnson City	IN	April 23
une 11-13	Freezo City College	Freemo	CA	April 30
kne 11-13 kne 11-13	Ornerd College Forth College	Onnerd	CA	April 30 April 30
une 11-13	Johnson County Community College	Overland Park	KS	April 30
kne 11-13	Yakima Valley College	Yakima	Wie	April 30
lune 18-20 luly 16-18	Pirra Medical Institute Georgia State University Perimeter	Houston Dunwoody	TX Ga	May 7
My 16-18 My 16-18	Georgia State University Perimeter Lake Land College	Melloon	IL.	Ans 4
My 16-18	St Louis Community College	Forest Park	MO	Ane 4
kdy 16-18 August 13-15	Amerito College Herzing University	Amerillo Minnespolis	TX MN	Are 4 Adv 2
Regular 13-15 Rept 10-12	Cerrington College	Secremento	CA	Afy 30
Sept 10-12	Indian Hills Community College	Otumes	IA.	July 30
October 15-17 October 15-17	Concorde Career College Concorde Career College	San Bernardino Aurora	CA	September 3 September 3
October 15-17	Concorde Career College Concorde Career College	Deltex	IX	September 3 September 3
October 15-17	Concorde Career College	San Antonio	TX	September 3
October 15-17	Pirra Medical Institute Fortix College	Houston Alberta	TX GA	September 3 October 29
December 3-5 December 3-5	Levits & Clark Community College	Alberta Godfrey	GA.	October 29 October 29
December 3-5	Milwarkee Area Technical College	Mitmackee	WI	October 29

000016

# CRDTS January 25, 2021

# CRDTS Website = www.CRDTS.org





Hygiene > Forms & Manuals

- 2021 Patient Based Candidate Manual
- 2021 Patient Based Health History
- 2021 Patient Based Treatment Consent Form
- 2021 Patient Based Treatment Selection Worksheet
- 2021 Patient Based Full Mouth Screening Worksheet
- 2021 Patient Based Medical Clearance Form
- 2021 Patient Based Letter to Patients
- 2021 Letter of Certification
- 2021 Simulated Manikin Candidate Manual
- 2021 Oral Assessment OSCE Security Measures Form
- 2021 Sim Patient Hold Harmless Agreement

To view this content, you need Adobe Acrobat Reader Download Adobe Reader Here

<sup>\*\*</sup>See Candidate Tab > Candidate Forms for Hygiene Manikin Candidate Manual Please Note:



# Thank you!

Email: Kim@crdts.org

# CDCA - January 25, 2021



Hawaii State Board of Dentistry

Dental Hygiene Examination

Pat Connolly-Atkins, RDH, MS

CDCA Senior Advisor

Kimber Cobb, RDH, BS

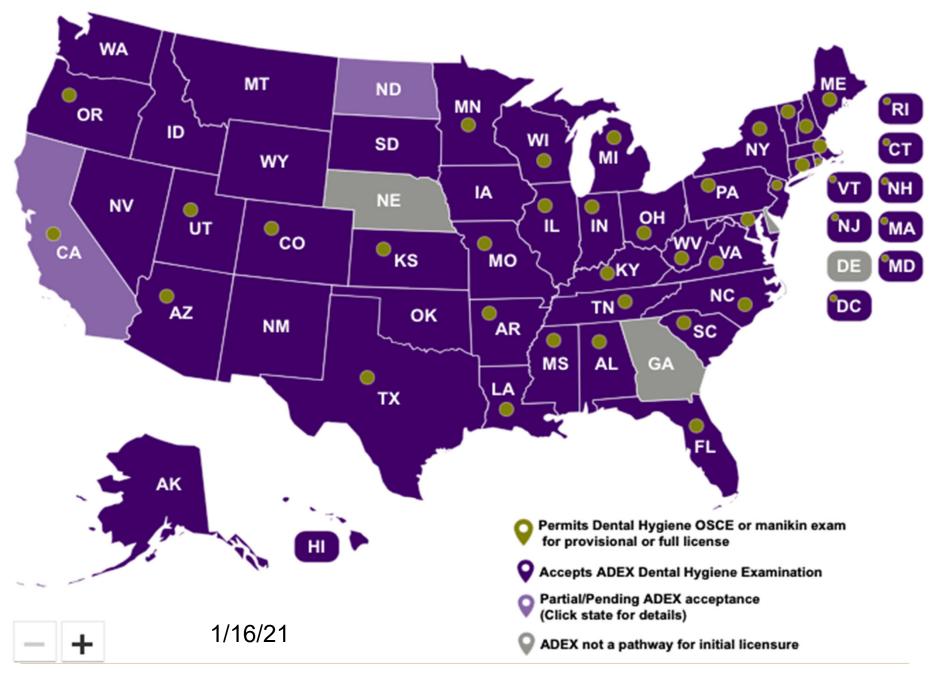
CDCA National Director, Licensure Acceptance and Portability

# **Dental Hygiene Licensure**



- 1. ADEX PTCE Patient Examination:
  - CSCE/OSCE + Patient Treatment Clinical Exam
- 2. ADEX MTCE Manikin Examination:
- CSCE/OSCE + Manikin Treatment Clinical Exam
- 4. ADEX Dental Hygiene CSCE OSCE: Dental Hygiene CSCE/OSCE for provisional or full licensure

# CDCA - January 25, 2021



THE COMMISSION ON **DENTAL COMPETENCY** ASSESSMENTS

# ADEX Dental Hygiene 2021 Manikin Acceptance

(30 as of January 18, 2021)



- •Alabama
- Arizona
- Arkansas
- •California (3/31/21)
- Colorado
- Connecticut
- District of Columbia
- Florida (3/31/21)
- •lowa
- Kansas
- Kentucky

- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- New Jersey
- New Hampshire
- New Jersey
- New York
- •North Carolina (until SoE ends)

- Ohio
- Oregon
- Pennsylvania
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- Utah
- Vermont
- Virginia

**ADEX ONLY** 

# CDCA Administered ADEX DH Exam By the Numbers



### **ADEX Dental Hygiene Acceptance**

States Accepted PTCE: **45**States Accepted MTCE: **32** 

States Accepting CSCE OSCE without PTCE/MTCE for 2020: 3 (OR, MO, KS)

CDCA Total Exams since June 2020: 3,042 3699
CSCE OSCE + Manikin Based Exams (MTCE): 2680
CSCE OSCE + Patient Based Exams (PTCE): 419

### CDCA Total Dental Hygiene schools served by the CDCA since June 2020: 257

Number of Dental Hygiene exam sites: 104

Number of schools represented: 153

# ADEX Manikin Based Exam Criteria, Content & Scoring



#### 2020 ADEX MTCE SCORING RUBRIC

Skills Assessment	Criteria	Points Possible
Calculus Detection	<ul> <li>4 assigned teeth</li> <li>4 surfaces evaluated on each assigned tooth</li> <li>16 surfaces will be evaluated for the presence or absence of subgingival calculus (1 point each)</li> </ul>	16
Calculus Removal	<ul> <li>One quadrant assigned for scaling</li> <li>12 selected surfaces of qualifying calculus will be evaluated for calculus removal (5.5 points each)</li> <li>Surfaces will follow the 8-5-3 distribution (see page 14 for details)</li> </ul>	66
Periodontal Probing Measurement	<ul> <li>2 assigned teeth</li> <li>6 measurements per tooth</li> <li>12 measurements will be evaluated (1 point each)</li> </ul>	12
Final Case Presentation	<ul> <li>Evaluation of calculus removal on all unselected surfaces within the assigned quadrant</li> <li>Calculus remaining on 1 surface (-3 points)</li> <li>Calculus remaining on 2 or more surfaces (-6 points)</li> </ul>	6
Total		100

Minor Tissue Trauma includes: A laceration/abrasions that is  $\leq 3mm$ ; A laceration or injury that would not result in the need for suturing, perio packing, or further follow-up treatment if this were on a patient.

Major Tissue Trauma includes: A laceration/abrasions that is > 3mm and that would require sutures, perio packing, or further follow-up treatment; A laceration/injury that would result in exposure of alveolar bone, flap, or amputation of papilla if this were on a patient.

# CSCE OSCE Criteria, Content & Scoring



- All candidates with ADEX status will have taken the CSCE OSCE and either the PTCE or MTCE for licensure
- ▲ 100 Questions + 15 Pilot
  Questions administered at
  the Prometric Testing
  Center
- ▲ Comprehensive Intra and Extra Oral Examination

CSCE OSCE CONTENT						
Medical/Dental Assessment	12%					
Intra and Extra Oral Assessment and Charting	27%					
Intra and Extra Oral Examination						
Dental and Periodontal Charting and Assessment						
Soft Tissue, Bone, and Tooth Abnormalities						
Radiology/Imaging	15%					
Dental Hygiene Care Planning	13%					
Patient Care	19%					
Periodontal Procedures						
Infection Control						
Medical Emergency Management						
Dental Specialties and Pharmacology	14%					
Dental Specialties						
Applied Pharmacology						

CDCA - January 25, 2021



# 2021 ADEX Manikin Exam 2<sup>nd</sup> Generation MTCE:



### First Generation



- ✓ Teeth are manufactured with a harder surface that better simulates a patient
- ✓ Calculus is a natural shade
- ✓ Texture & quality of calculus more realistic
- ✓ Size of deposits on surfaces are larger
- ✓ More surfaces with calculus in each quadrant
- ✓ Manufacturing adjustment to address teeth loosening
- ✓ Tissue Management is evaluated

**Second Generation** 



THE COMMISSION ON DENTAL COMPETENCY ASSESSMENTS

## **ADEX Changes 2021**



### **CSCE OSCE**

Continued addition of Alternative Item Types

### **Patient Based (PTCE) Examination**

- Medical History includes Intraoral and Extraoral findings
- Clarification:
  - The use of ultrasonics is site dependent
  - If the exam is limited to hand scaling
    - PTCE treatment time increases to 2½ hours
    - MTCE treatment time remains 2 hours

## **ADEX Changes 2021**



## Manikin Based (MTCE) Examination

- Product enhancement
- Soft and Hard Tissue Trauma will be evaluated and may result in penalty points being applied

Minor Tissue Trauma includes: soft and/or hard tissue trauma that is inconsistent with the procedure. Hard tissue trauma may include root surface abrasion(s) that do(es) not require additional definitive treatment. Minor Tissue Trauma Penalties Minor Tissue Trauma Penalties (soft tissue): (hard tissue): 1 site: -1 point 1 site: -1 point 2 sites: -2 points 2 sites: -2 points 3 sites: -3 points 3 sites: -3 points 4 or more sites: -100 points 4 or more sites: -100 points Major Tissue Trauma includes: major damage to the soft and/or hard tissue that is inconsistent with the procedure and pre-existing condition; hard tissue trauma for root surface abrasions that would require additional definitive treatment

Major Tissue Trauma Penalty (soft or hard tissue): -100 points

CDCA - January 25, 2021

# 2020 Exam Results:

**CSCE OSCE** 

PATIENT PTCE

**MANIKIN MTCE** 



THE COMMISSION ON DENTA



## **Dental Hygiene**

# Computer Simulated Clinical Examination (CSCE OSCE) Mean Scores

All candidates, as of December 31, 2020

Year	Score
2016	87
2017	87
2018	88
2019	89
2020	88

## **Dental Hygiene 2020**



# **Dental Hygiene First and End of Year Pass Rate**

2020 Graduates, as of December 31, 2020

Exam	First Time Pass Rate	End of Year Pass Rate
Computer Simulated Clinical Examination (CSCE OSCE)	96.87%	99.15%
Patient Treatment Clinical Examination	94.27%	95.47%
Manikin Treatment Clinical Examination	98.73%	99.81%

# Dental Hygiene Clinical Exam Data 2018-2020



Patient Clinical Exam	2015	2016	2017	2018	2019	2020
First Time Pass Rate	96.0%	96.0%	92.0%	87.35%	90.67%	94.27%
Final Pass Rate	99.95%	99.86%	99.88%	99.65%	99.56%	95.47%
						N
Manikin Clinical Exam						2020
First Time Pass Rate						96.73%
Final Pass Rate						99.81%

### **Exam Errors**



# Most Common Errors Contributing to Failure

# Calculus Removal Calculus Detection

# In both the Patient & Manikin Treatment Examinations

### 2020 Exam Feedback



"I am so thankful...this type of examination is a great way to give all candidates an even playing field. This was also a great exam if you have trouble tracking down a patient for the live patient exam, especially if you attend school not close to home." -Candidate, University of Mississippi

"Great organization and flow with the whole exam. CFE's were extremely helpful and answered all questions thoroughly." -Candidate, Penn Tech

"I found the CSCE questions very relevant." -Candidate, Middlesex C.C.

"The process was smooth and the personnel present during the clinical exam were great!" —Candidate, Pensacola State College

"I absolutely LOVED taking the manikin exam. I think it is an excellent test of a candidate's skills and experience. It was more realistic than I could have imagined. I struggled in exactly the same areas that I always struggle in a live human subject." —Candidate, UNLV



### **ADEX Manikin Exam: A Pathway Forward**



- Selected typodont presents with all examination Case Selection clinical requirements fulfilled
- Candidates not reliant on patients to complete the examination process
- Need for Patient & Case Selection acceptance evaluation is eliminated
- Candidates are taking the same exam under the same conditions
- No potentially infectious aerosols from patients

- Reduced size of examination teams
- More efficient delivery in reduced availability
- Modified administration time=less time in clinic for all participants
- Flexibility to Evaluate Candidate performance on site or off site
- Advanced PPE not required
- Cavitron eligible

### Thank-You

### Your Questions and Comments are Welcomed



# Dental Hygiene Manikin Exam



Kelly Reich, RDH
WREB Dental Hygiene Director



Copyright© 2021

# Field Testing

### Prior to implementing the Manikin exam, WREB will have:

Conducted six field tests with students

Reviewed student feedback about their experience, the models, difficulty of exam

Completed an exam analysis and equating of the models by WREB psychometrician (results have not been released at this time)

Student performance results versus keyed models



# Goal of Field Testing

Valid exam (discriminating)

All Candidates have a similar exam experience (standardized)

Level of challenge is acceptable for entry level practitioners

Administered the same, regardless of site

Develop Examiner Standardization and Calibration exercises



## Manikin Exam Content

### **Administered as One Exam**

### Two Components:

Assessment and Detection Quadrant

Removable Calculus Quadrant



# Assessment and Detection (AD) Maxillary Arch

#### Completed first

Arch is magnetic and placed in Carrier tray prior to exam

30 minutes to complete

Arch is removed when Candidate is finished

Examiners do not grade (pre-keyed prior to exam season)



# Assessment and Detection (30 minutes)

Unique in design

Several versions (keys)

Record on assigned teeth:

- One furcation classification
- Gingival recession
- Probing depths (simulated sulcus)
- Presence or absence of calculus on key surfaces
- NC 11/12 explorer, UNC 1-12 mm probe (required instruments)
- Extra and Intra Oral Assessment (images of common oral conditions)





# AD Calculus

- 3D printed, cannot be altered
- Located below the gumline

# Removable Calculus (RC) Mandibular Arch

Placed in Carrier tray prior to exam

Several versions

90 minutes to complete

Arch is removed when Candidate is finished

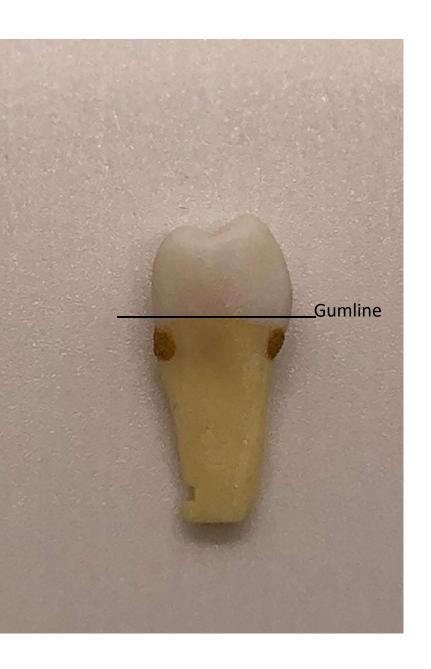
Three Examiners independently grade

One time use

\*Immediate exam results, ability to retake on site (no fee)







# Removable Calculus (RC) Mandibular Arch

Hand instrumentation is similar (patient)

Can use ultrasonic instrumentation

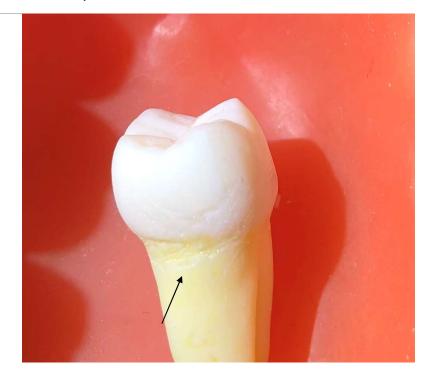
Brown in color, avoid over instrumentation

Located at gumline and below tissue

## Soft and Hard Tissue

Scuffing of tissue and some alteration of tooth surface is acceptable







## WREB Manikin Candidate Guide





**Grading criteria** 

Scoring



Thank you!