

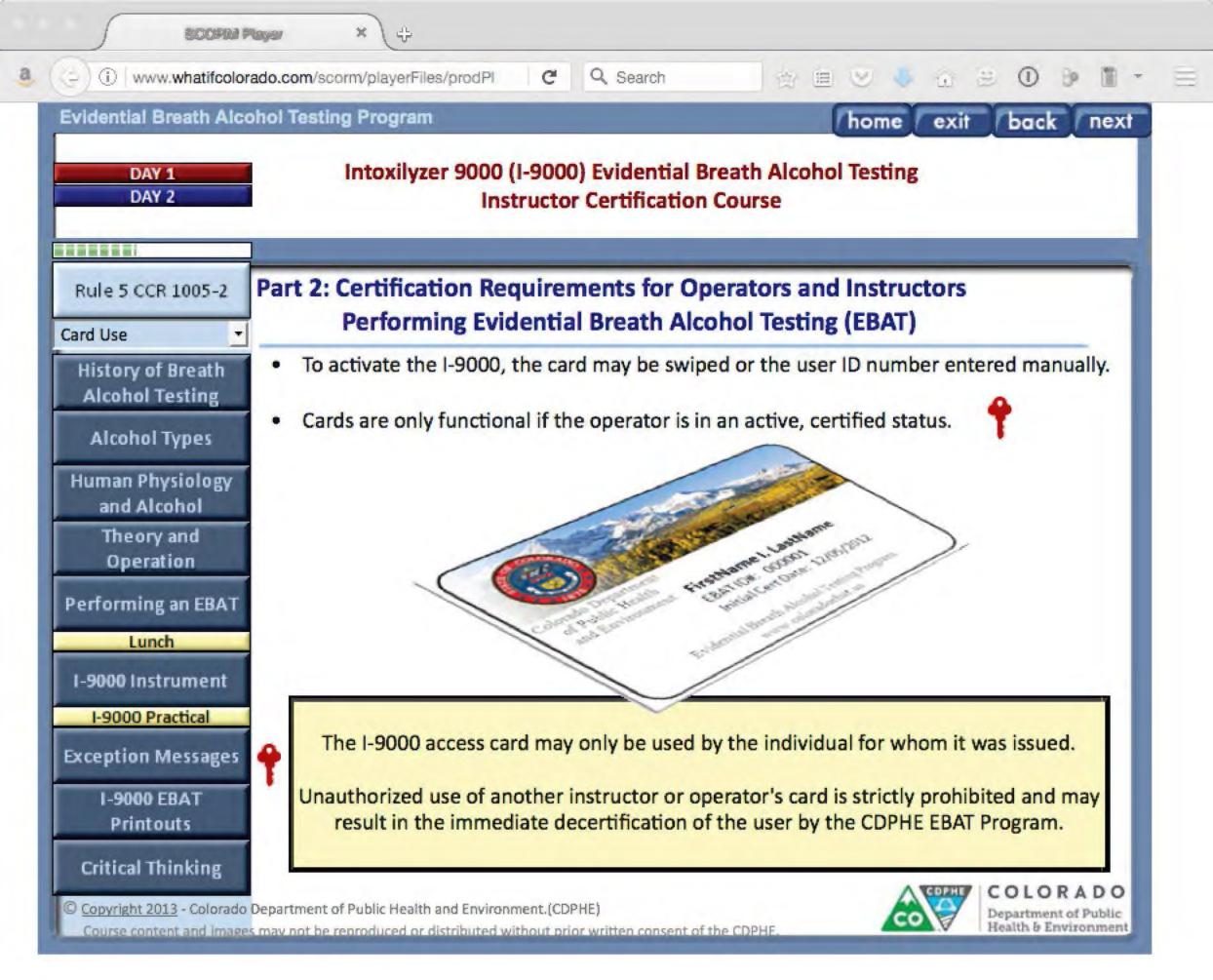
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	ohol Testing Program	home exit back next
DAY 1 DAY 2		9000) Evidential Breath Alcohol Testing actor Certification Course
Rule 5 CCR 1005-2	Part 2: Certification Requ	irements for Operators and Instructors
ccess Card Back		ntial Breath Alcohol Testing (EBAT)
History of Breath Alcohol Testing Alcohol Types	The back of the I-9000	CDPHE Issued I-9000 Access Cards Mouse over image below to enlarge text on back of card.
Human Physiology and Alcohol Theory and	 Name of individual card is issue to. 	
Operation Performing an EBAT Lunch	 This card is property of CDPHE and may only be used by the named individual for whom it 	This certification card has been issued to <u>NAME</u> CDPHE authorizes the above named individual to perform Evidential Breath Alcohol Testing, authenticate the normal business records produced by the certified EBAT instrument and provide interpretation of the information contained therein. This card is the property of CDPHE and may only be used by the named individual for whom it was issued.
I-9000 Instrument I-9000 Practical xception Messages	 An EBAT is not able to be performed if the officer 	COPHE / Laboratory Services Division Evidential Breath Alcohol Testing Program 8100 Lowry Boulevard Denver, CO 80230

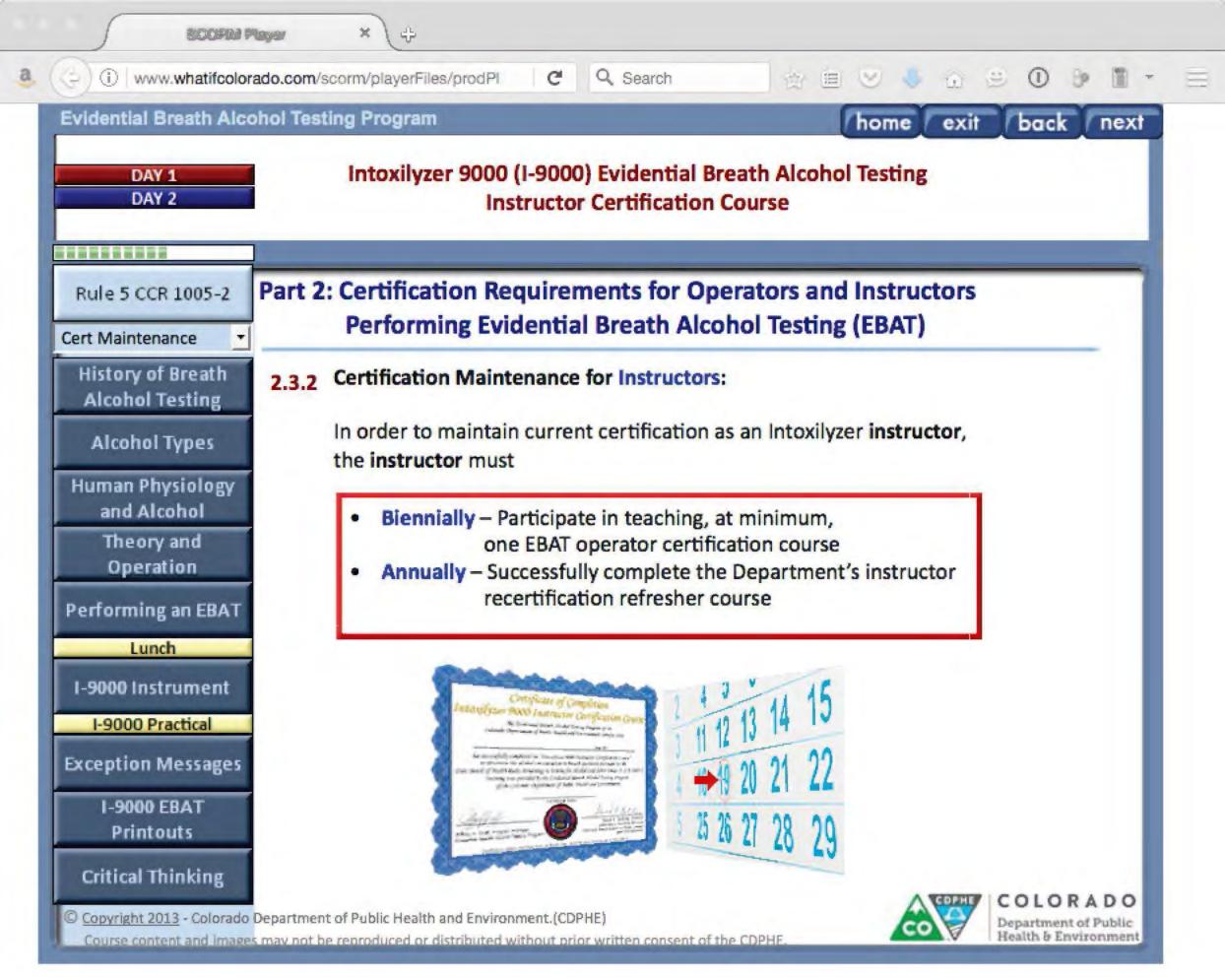
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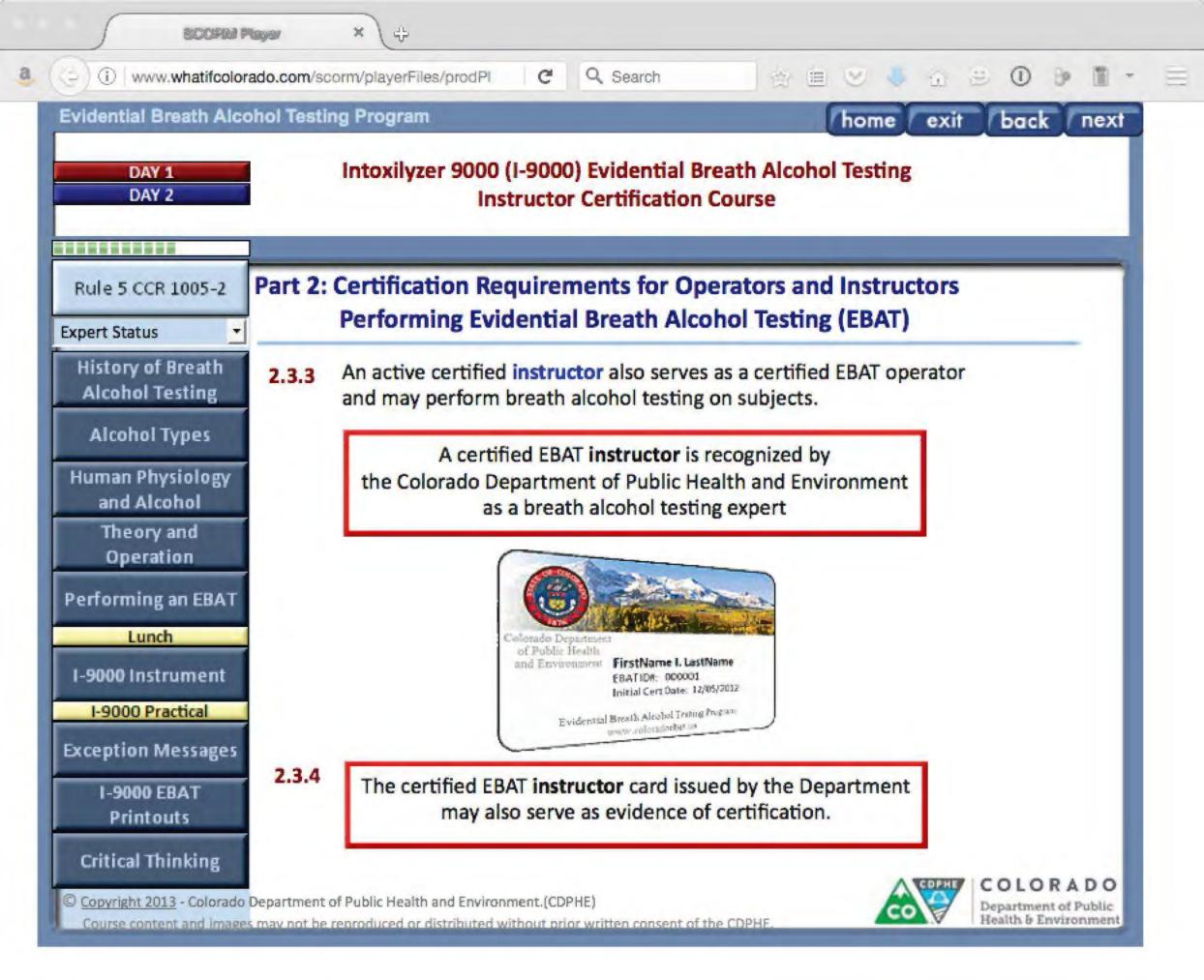
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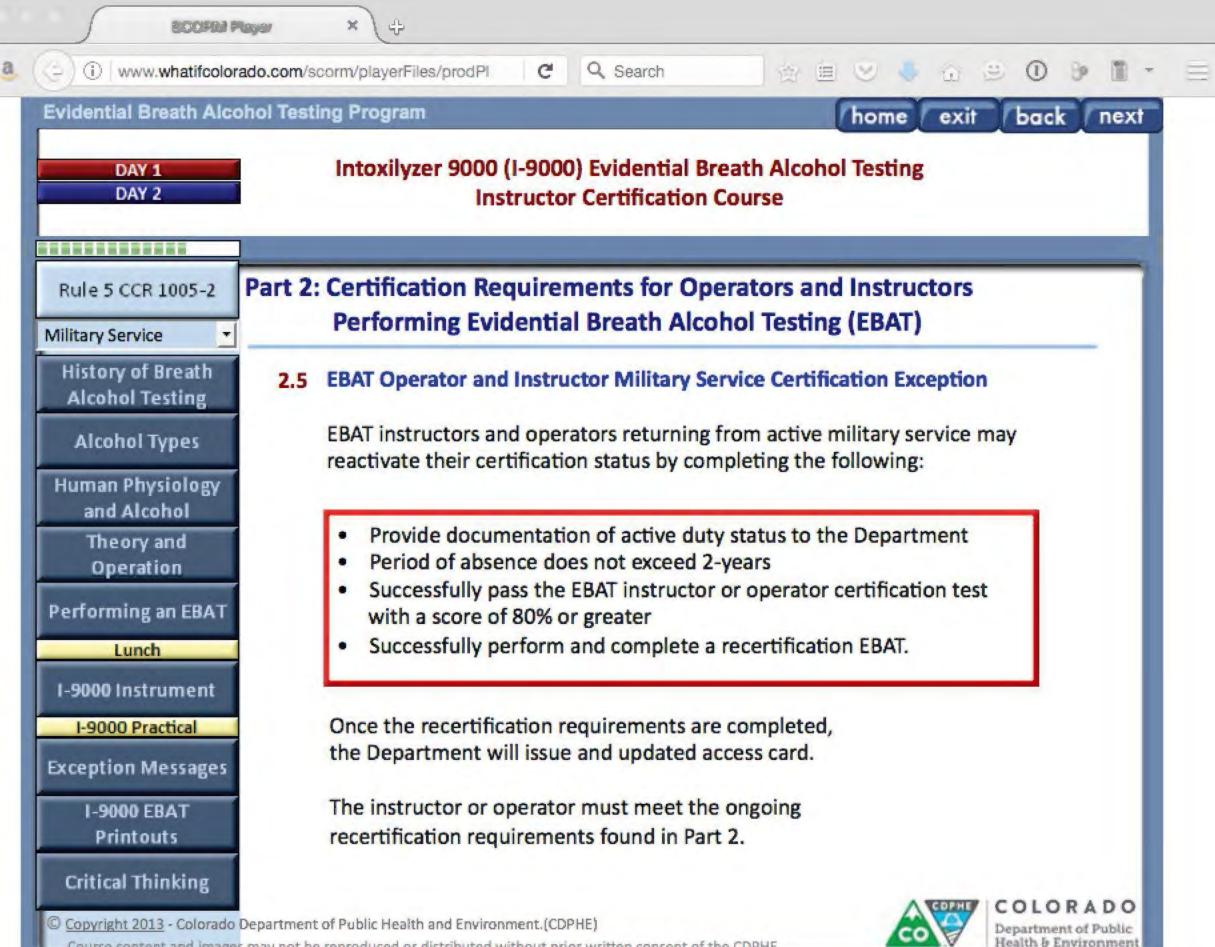
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Evidential Breath Alc	cohol Testing Program home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
Rule 5 CCR 1005-2	Part 2: Certification Requirements for Operators and Instructors
Cert Removal	Performing Evidential Breath Alcohol Testing (EBAT)
History of Breath Alcohol Testing	2.2 Removal of the EBAT Operator Certification:
Alcohol Types	If the certified EBAT operator fails to meet the recertification requirements, the Department will:
Human Physiology	
and Alcohol Theory and	Decertify the EBAT operator
Operation	Deactivate the EBAT operator certification card used to access the instrument
Performing an EBAT	 Maintain the EBAT operator in an inactive status until the certification requirements found in Part 2.1 are met
Lunch	
I-9000 Instrument	The I-9000 access card must be destroyed or returned to the CDPHE when an
I-9000 Practical	operator is decertified or leaves law enforcement.
Exception Messages	
I-9000 EBAT Printouts	
Critical Thinking	

idential Breath Aleo	hol Testing Program
ndential breath Alco	hol Testing Program home exit back ne
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
Rule 5 CCR 1005-2	Part 2: Certification Requirements for Operators and Instructors
structor Cert 🔹	Performing Evidential Breath Alcohol Testing (EBAT)
History of Breath Alcohol Testing	2.3.1 Section 2.3.1 outlines the requirements for obtaining an initial certification
Alcohol Types	to become an instructor of the Intoxilyzer.
	The prospective instructor MUST:
luman Physiology and Alcohol	 Be currently employed by a law enforcement agency or CDPHE
Theory and	 Be a currently certified EBAT operator in active status Attend and successfully complete the Department's sixteen (16) hour
Operation	EBAT instructor certification course
erforming an EBAT	 Successfully complete the Department's instructor comprehensive practical
Lunch	 Successfully pass the Department's EBAT instructor exam with a score of 80% or greater
-9000 Instrument	
I-9000 Practical	Upon successful completion, the certified EBAT operator will be issued an instrument access
the second se	card and will be authorized by the Department to perform testing and to authenticate record
I-9000 EBAT	
Printouts	
Critical Thinking	

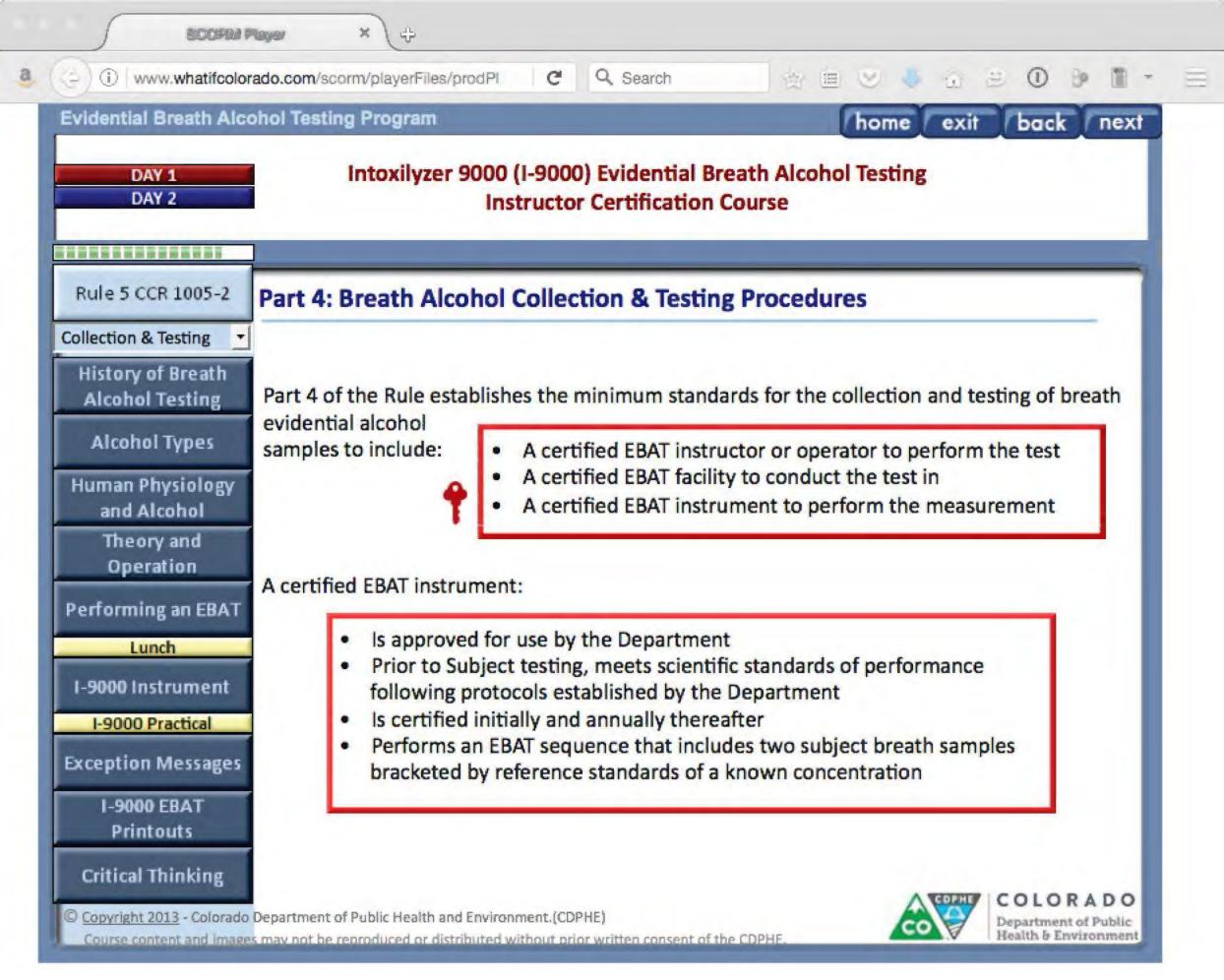


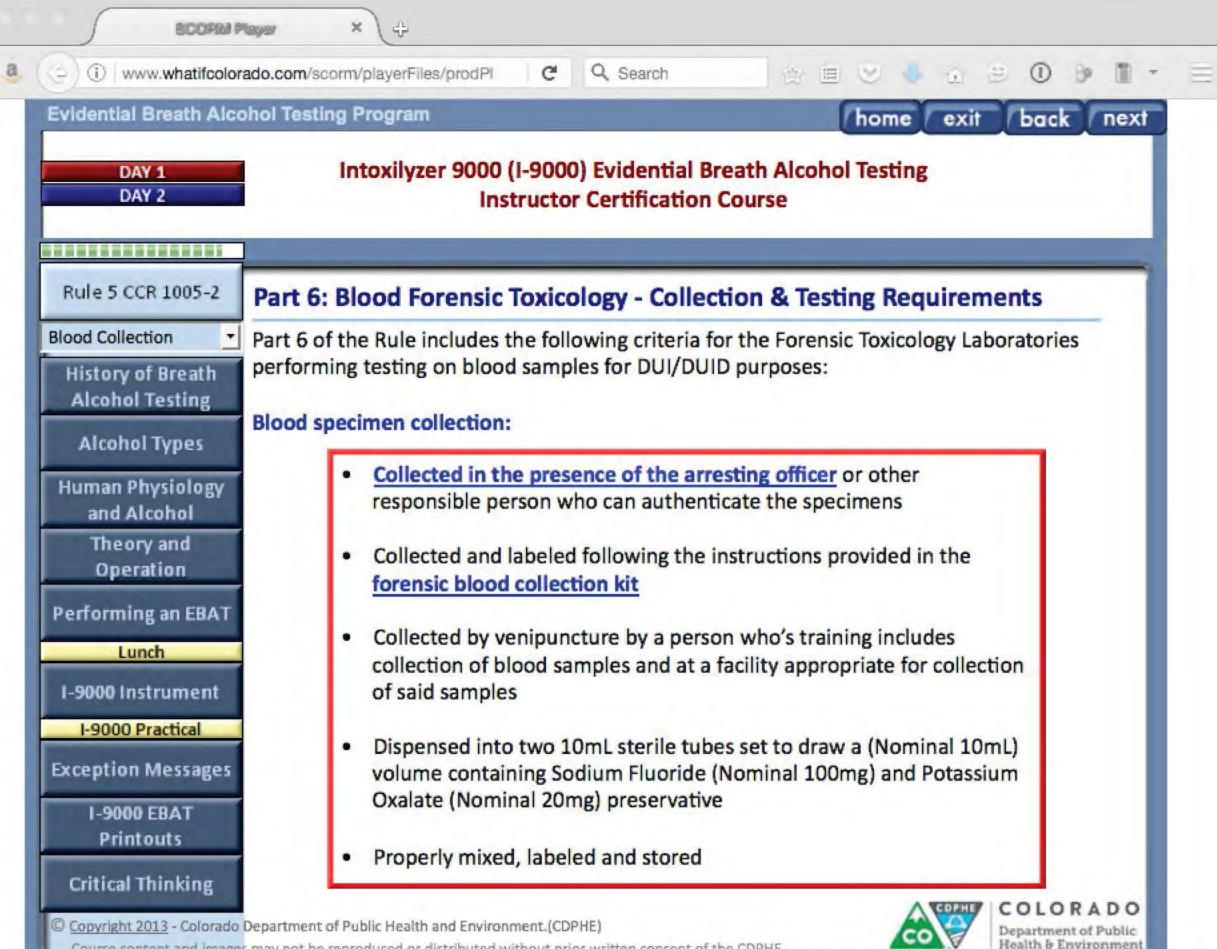


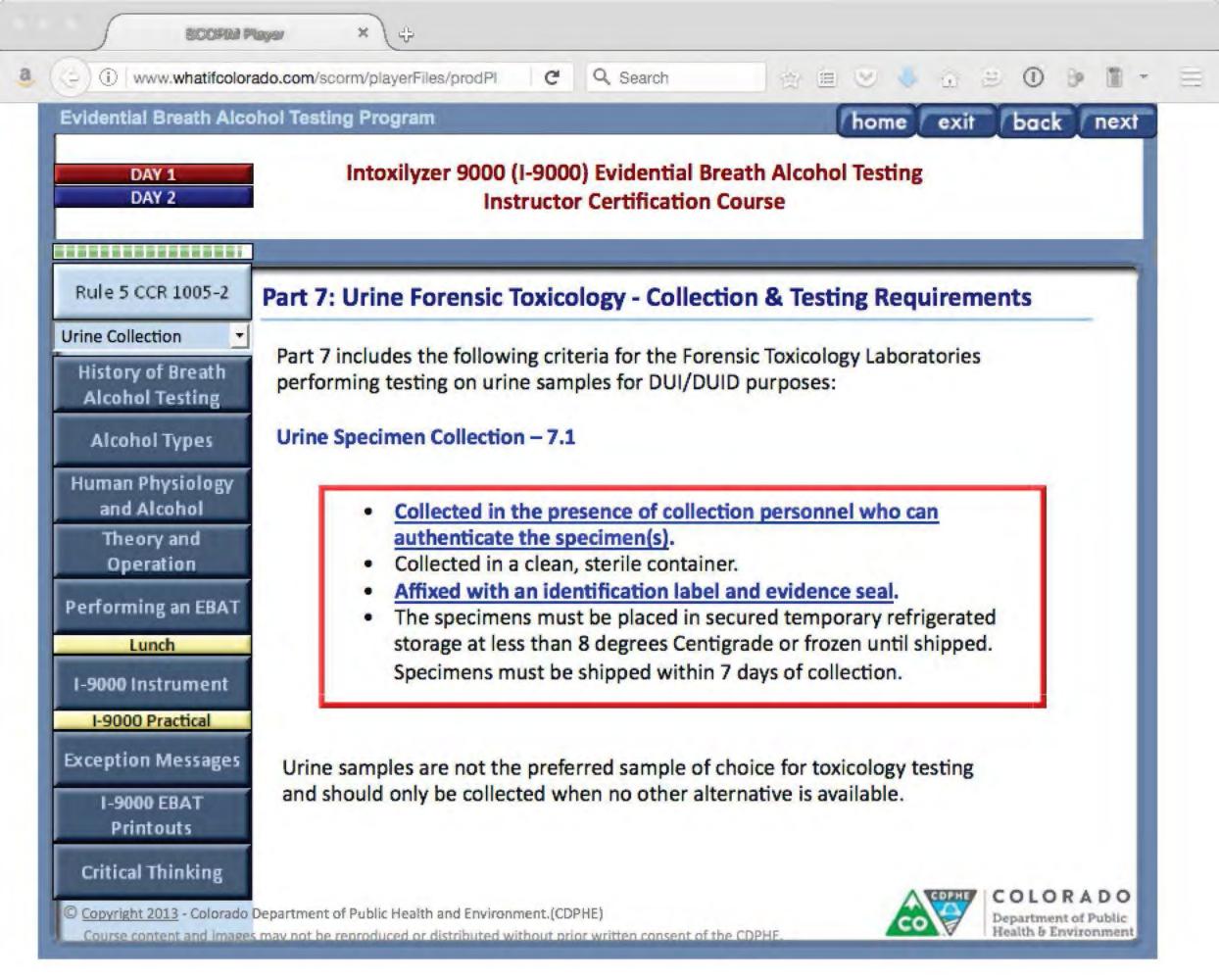
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DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
tule 5 CCR 1005-2 Pa	rt 2: Certification Requirements for Operators and Instructors
rt Removal 🗾	Performing Evidential Breath Alcohol Testing (EBAT)
History of Breath Alcohol Testing	2.4 Removal of the EBAT Instructor Certification:
Alcohol Types	If the Certified EBAT Instructor fails to meet the recertification requirements, the Department will:
uman Physiology	
and Alcohol Theory and	Decertify the EBAT instructor
Operation	Deactivate the EBAT instructor certification card used to access the instrument
erforming an EBAT	Maintain the EBAT instructor in an inactive status until the following are met:
9000 Instrument	 Within 30-days of expiration, the instructor may move to an operator status by performing a recertification EBAT and then meet the operator recertification requirements to remain in an active status.
ception Messages	2. After 30-days, the instructor must meet the initial operator certification requirements in Part 2.1
Printouts	3. The initial instructor certification requirements are met at Part 2.3

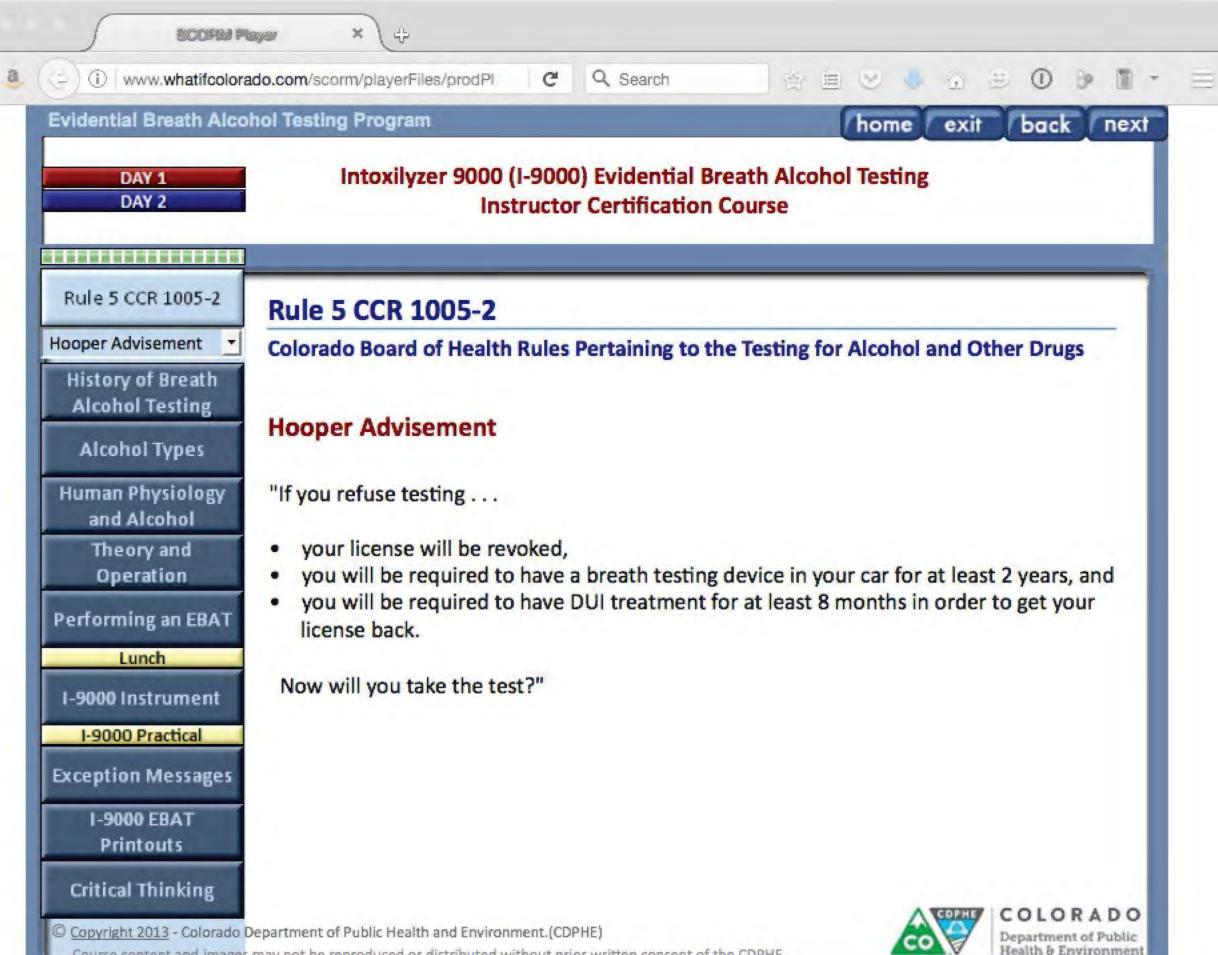


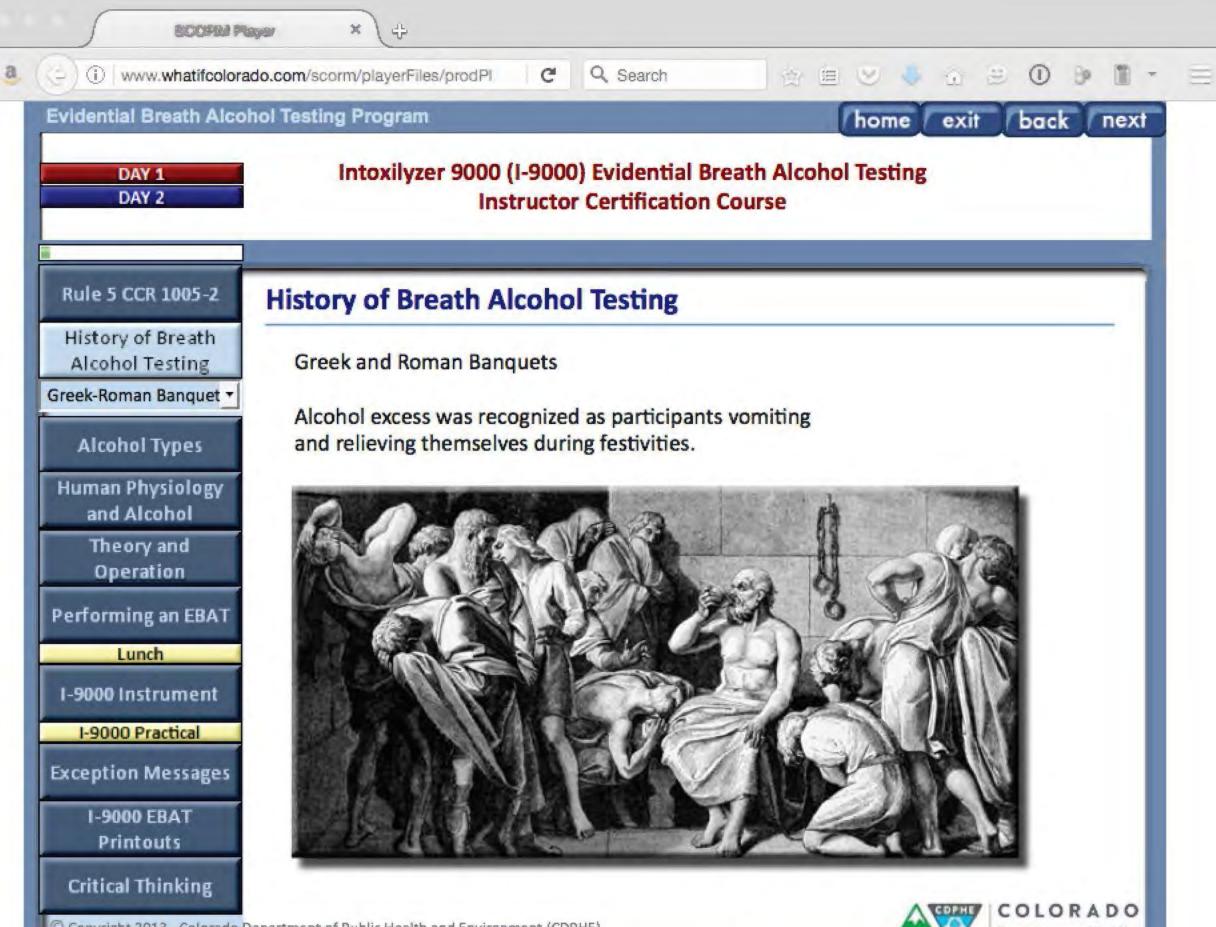
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	Evidential Breath Alcohol Testing Program home exit back next
	DAY 1 Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing DAY 2 Instructor Certification Course
	Rule 5 CCR 1005-2 Part 3: Certification Requirements for Evidential Breath Alcohol Testing
	Facility Certification
	History of Breath Alcohol Testing
	Alcohol Types Testing may only be performed in a <u>certified</u> breath alcohol testing facility.
	Human Physiology and Alcohol Annual Facility Inspections (AFI) are performed when any of the following occur:
	Theory and Operation (followed by an inspection per calendar year thereafter)
	Performing an EBAT An existing certified facility requests relocation of the instrument within that facility
	A new facility is being constructed that will house the instrument
	I-9000 Instrument A complaint is received by the Department that requires an on-site inspection to verify compliance
	Exception Messages
	I-9000 EBAT AFI are performed using Appendix A of this Rule and reports are issued within 15 days Printouts AFI are performed using Appendix A of this Rule and reports are issued within 15 days of the inspection. Agencies have 15 days from receipt of the AFI report to provide the
	Critical Thinking
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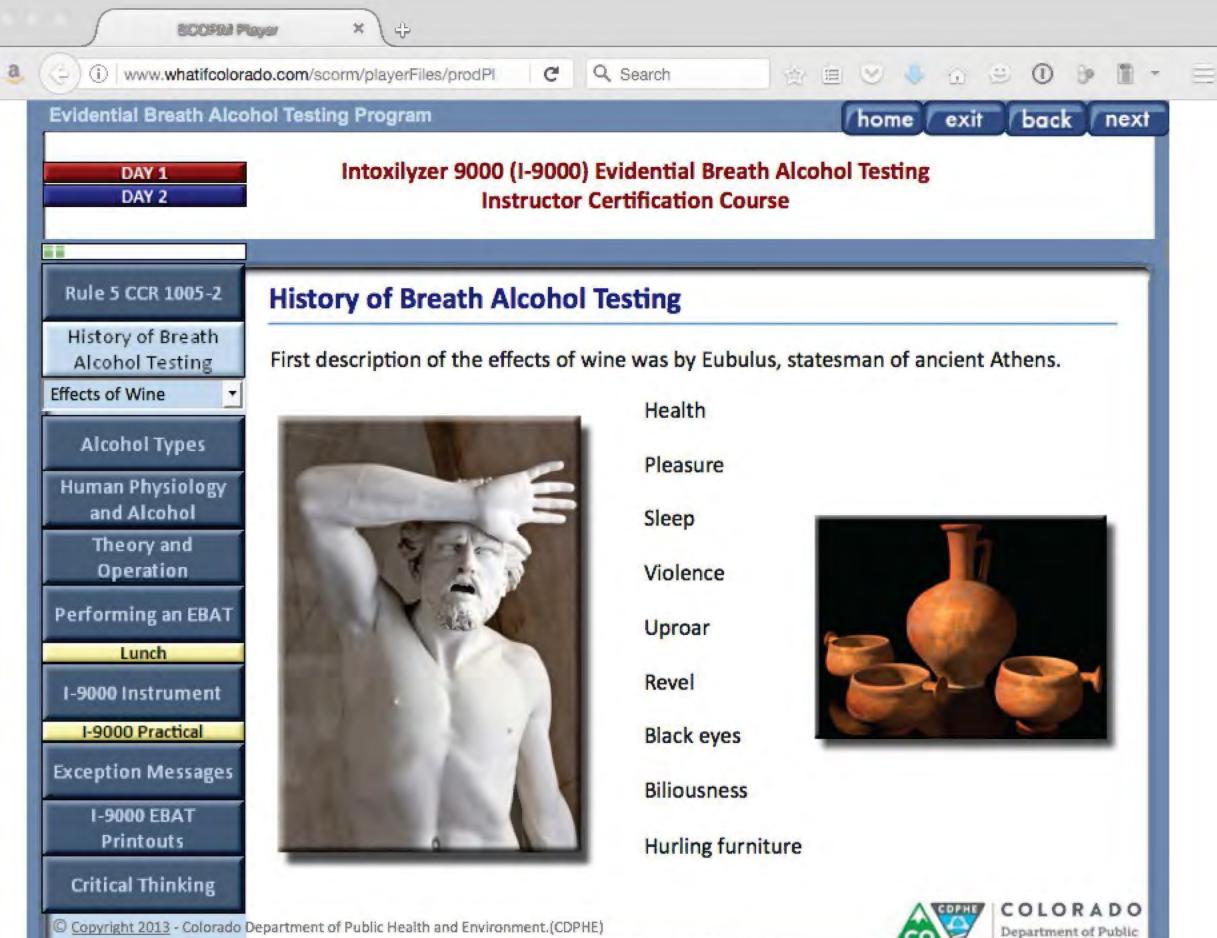




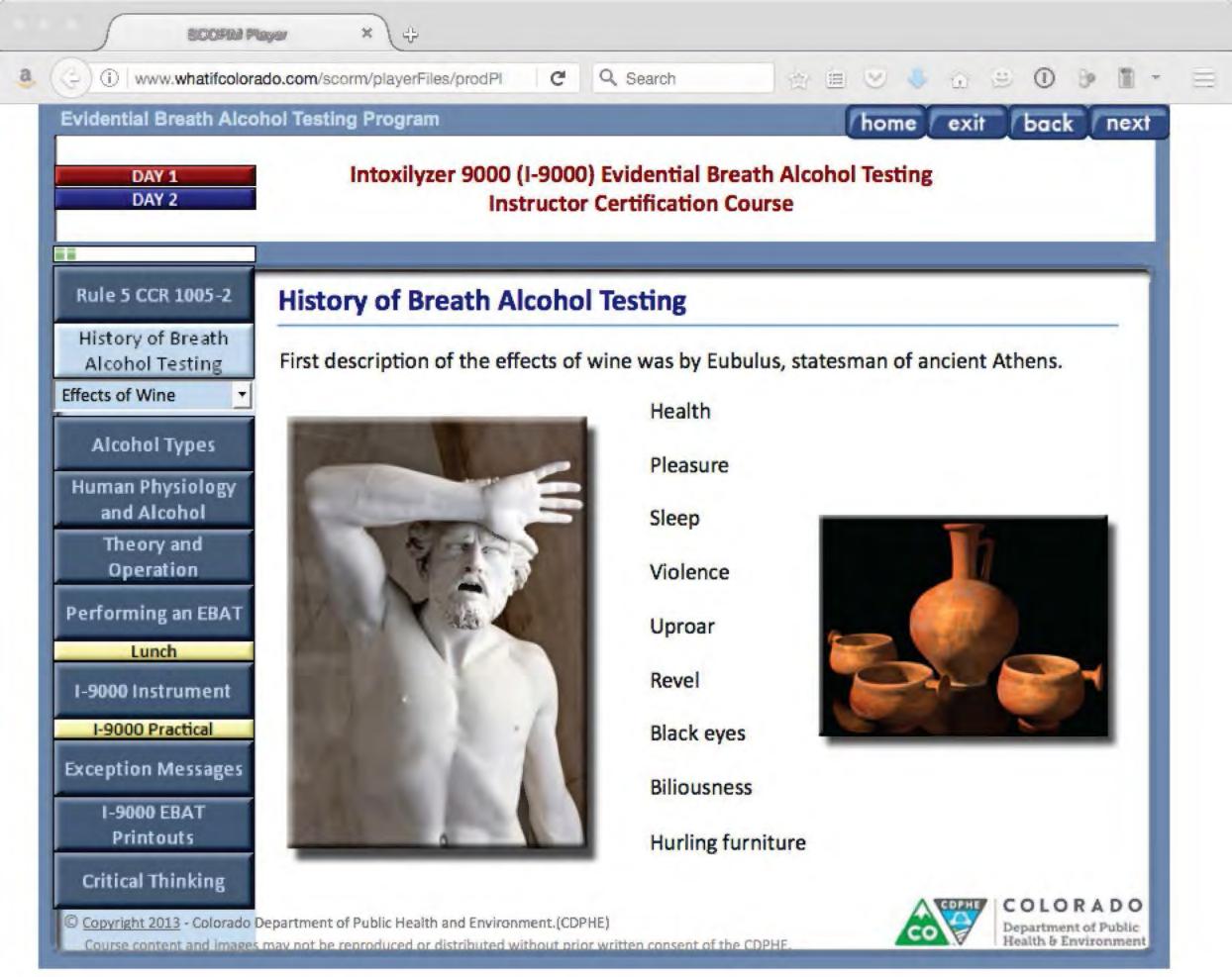


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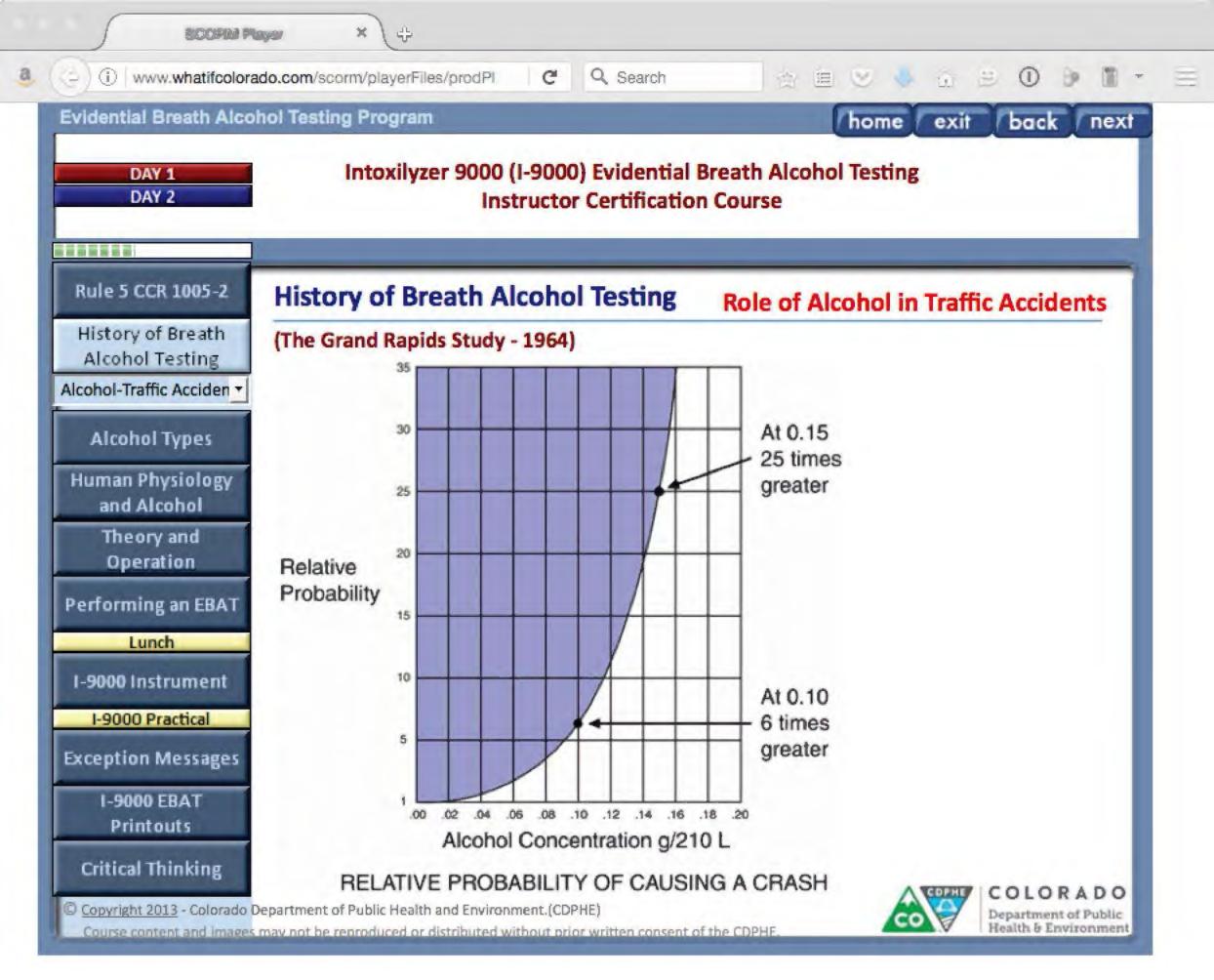


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DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
Rule 5 CCR 1005-2	History of Breath Alcohol Testing
History of Breath Alcohol Testing	1874
Breath Alcohol	Researcher Anstie makes observations that small amounts of alcohol were excreted in breath, thus sparking the study of breath alcohol testing and possibilities.
Human Physiology and Alcohol	1904
Theory and Operation Performing an EBAT	Early studies have shown that moderate and heavy drinkers are incapable of safely operating a motor vehicle.
Lunch I-9000 Instrument I-9000 Practical	 Ethyl alcohol has been a part of human civilization going as far back as 10,000 BC
Exception Messages	Ethyl alcohol has been a factor in motor vehicle crashes since the

Eridential Broath Alde	hol Testing Program	home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential B Instructor Certification	
Rule 5 CCR 1005-2	History of Breath Alcohol Testing	
History of Breath Alcohol Testing	1927	
Breathalyzer 🛃	A paper produced by Emil Bogen, who collected tested this air for traces of alcohol, discovered to expired air was a little greater than that of 1 cc	that the alcohol content of 2 liters of
Human Physiology and Alcohol		
Theory and Operation	A Chicago chemist, W.D. McNalley, invented a breathalizer in which the breath moving	
Performing an EBAT	through chemicals in water would change color	
Lunch I-9000 Instrument I-9000 Practical	One use for his invention was for housewives to test whether their husbands had been drinking before letting them in the house.	- Second
Exception Messages		
I-9000 EBAT Printouts		

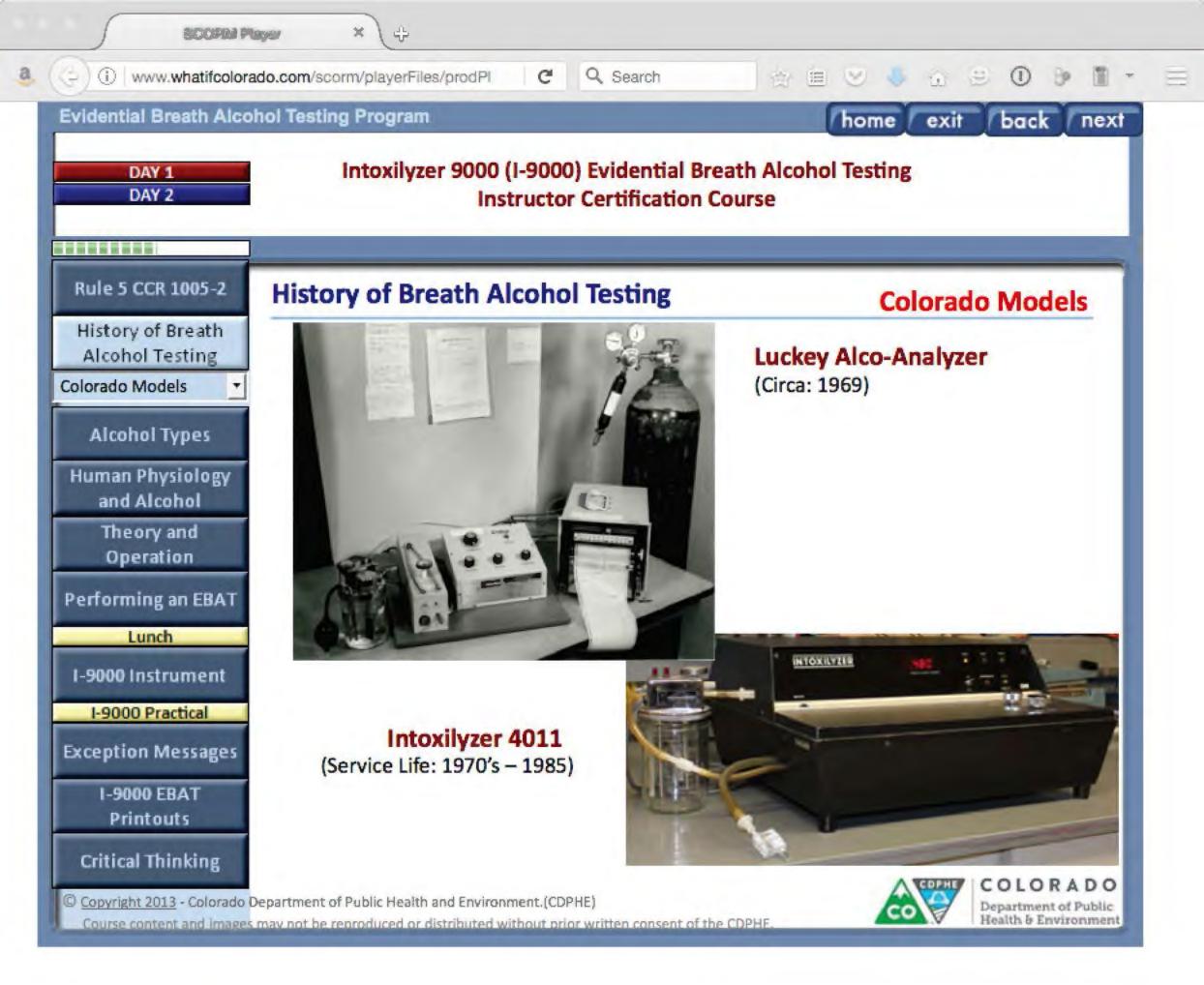
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Evidential Breath Alco	hol Testing Program	home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breat Instructor Certification Cou	
Rule 5 CCR 1005-2	History of Breath Alcohol Testing	
History of Breath Alcohol Testing	1938	
Drunkometer 🗾	The first breath alcohol test was developed in	
Alcohol Types	1938 by Dr. R. N. Harger. It was appropriately	
Human Physiology	named The Drunkometer.	
and Alcohol	The Drunkometer was the first practical roadside	
Theory and	breath-testing device intended for use by police.	
Operation	The Drunkometer collected a motorist's breath	
Performing an EBAT	sample directly into a balloon inside the	
Lunch	instrument.	
I-9000 Instrument		
	The breath sample was then pumped through an acidified potassium permanganate solution.	
I-9000 Practical	an aciumeu potassium permanganate solution.	
Exception Messages	If there was alcohol in the breath sample, the	
I-9000 EBAT	solution changed color. The greater the color	Dr. R Harger holding a Drunkometer
Printouts	change, the more alcohol there was present in the breath.	
	the breath	

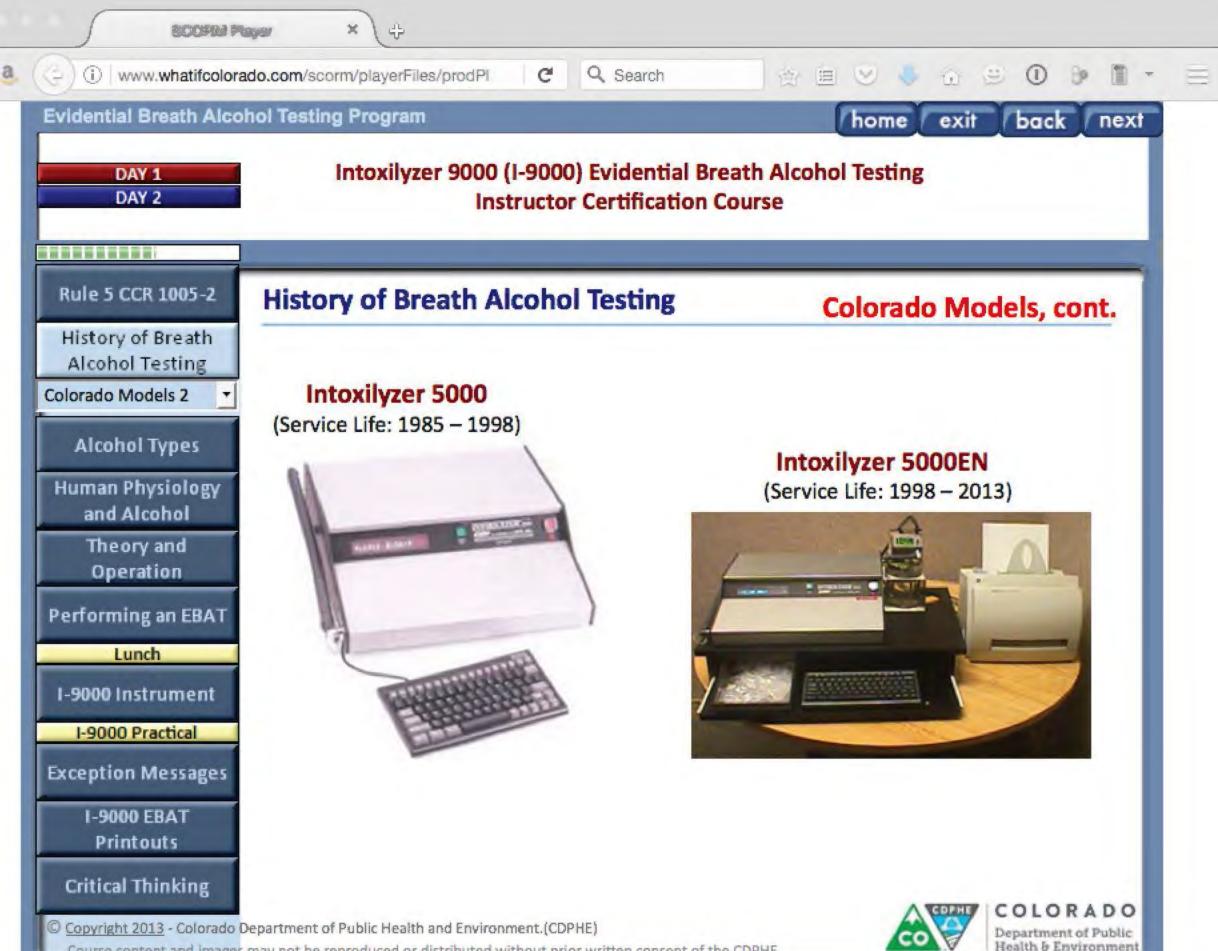
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Evidential Breath Alcohol Testing Program	home exit back next
DAY 2 Instru	000) Evidential Breath Alcohol Testing ctor Certification Course
Rule 5 CCR 1005-2 History of Breath Alco	hol Testing
History of Breath Alcohol Testing	
Intoximeter The Intoximeter was invented	by Glenn Forrester.
Alcohol Types This device was closely follow	ved by the Alcometer
Human Physiology invented by Professor Leon G	
Theory and All of the instruments measu	red the breath alcohol
Operation to blood alcohol levels of lun	g air samples.
Performing an EBAT	Destants in building his Desethalises
Lunch	Borkenstein building his Breathalyzer
I-9000 Instrument	1954
I-9000 Practical	Robert Borkenstein, an officer with the Indiana
Exception Messages	State Police, invented the Breathalyzer.
I-9000 EBAT Printouts	Due to its portability, the device quickly became
Critical Thinking	popular at police departments across the country.
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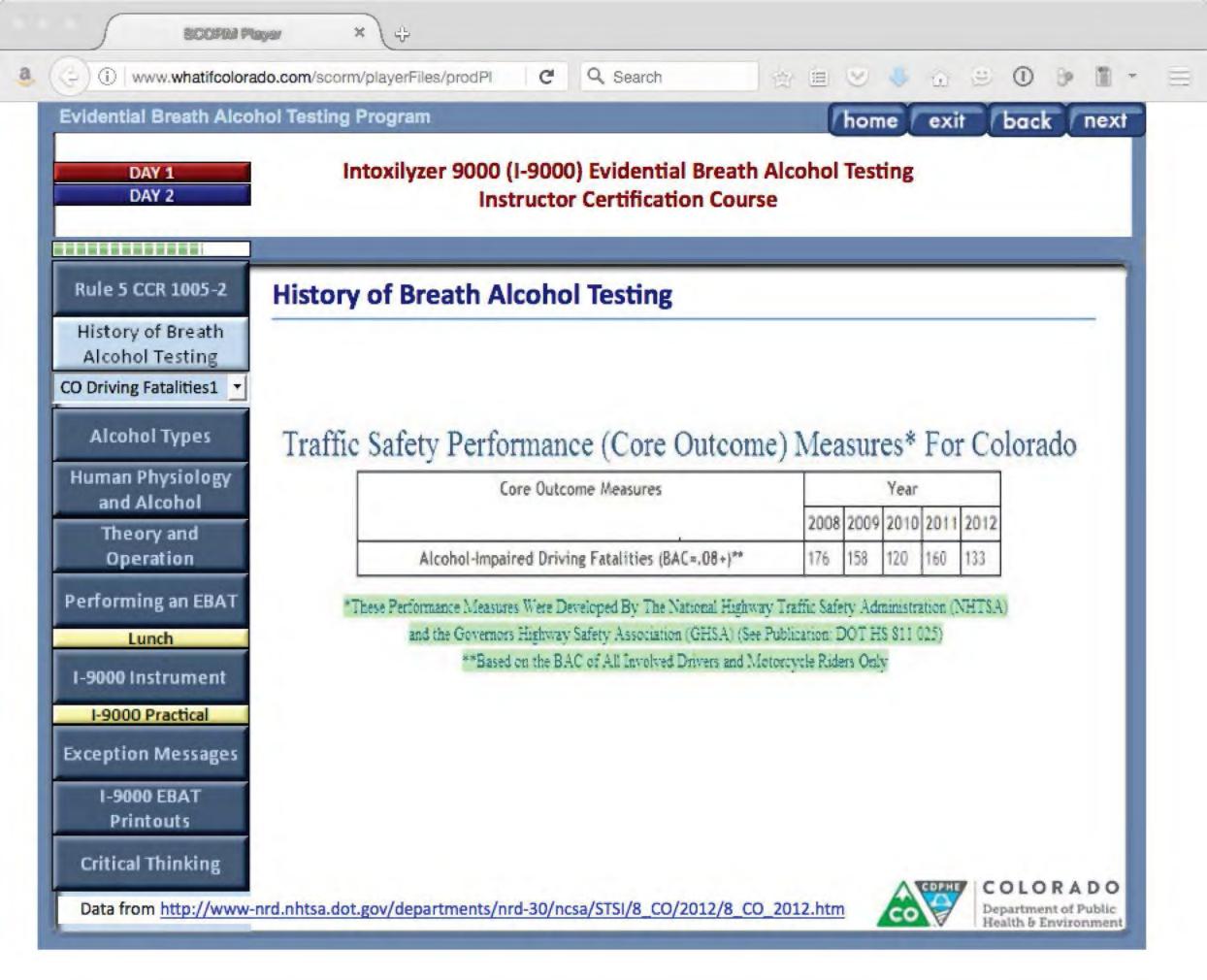
Evidential Breath Alco	ohol Testing Program
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
Rule 5 CCR 1005-2	History of Breath Alcohol Testing
History of Breath Alcohol Testing Alco Analyzer	1967 State Board of Health adopted the first regulations. Less than 25 EBAT instruments statewide.
Alcohol Types Human Physiology and Alcohol Theory and Operation	1969 CDPHE evaluates and creates first EBAT protocols for the Luckey Alco Analyzer. The State Patrol bought 12 of the devices, placing 11 of them in their major offices around the state and gave one device to the State Lab.
Performing an EBAT Lunch I-9000 Instrument I-9000 Practical	1971 Committee on Alcohol and Other Drugs (COAD) recommends to NHTSA a presumptive level of 0.080 be adopted. CDPHE Evidential Breath Alcohol Program created. CDPHE staff provide testimony for the first time in Glenwood Springs, CO.
Exception Messages I-9000 EBAT Printouts	1970's Multiple EBAT instruments by different manufacturer's in use throughout Colorado. EBAT Program staff make recommendations to limit the instrumentation to one type.

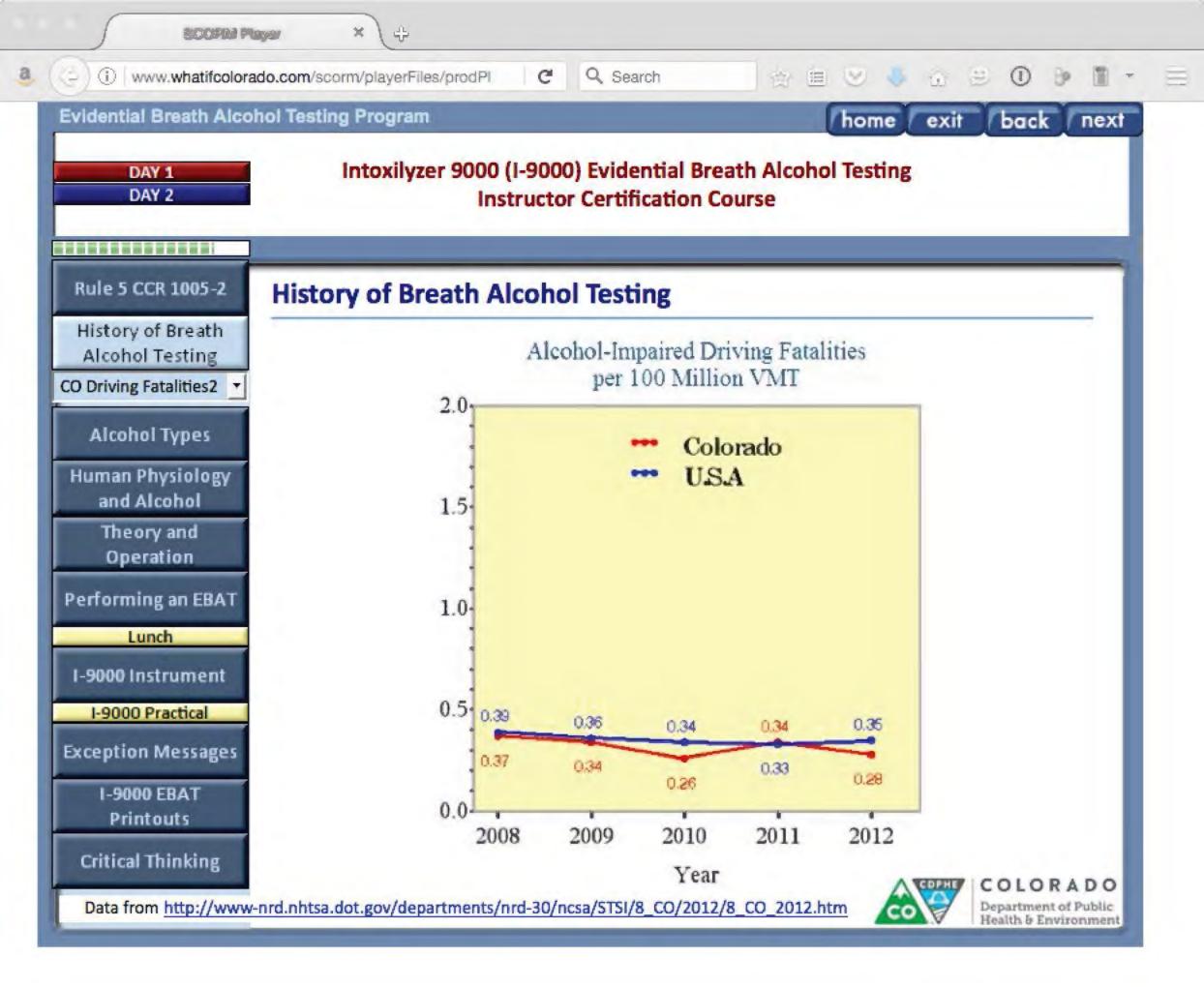






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Evidential Breath Ald	cohol Testing Program home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
Rule 5 CCR 1005-2	History of Breath Alcohol Testing
History of Breath Alcohol Testing	Colorado EBAT Program Stats
CO EBAT stats	 200 – Number of I-9000 EBAT instruments maintained by CDPHE. 165 – Approximate number of Law Enforcement Agencies statewide housing an I-9000.
Human Physiology and Alcohol Theory and	 5000 – Approximate number of certified EBAT Operators on the I-9000 statewide.
Operation	 500 – Approximate number of certified EBAT Instructors on the I-9000 statewide.
Performing an EBAT	 14,000 – Approximate number of Evidential Breath Alcohol Tests performed statewide from May 1, 2013 - June 30, 2014.
I-9000 Instrument	 9,000 – Approximate number of blood alcohol tests performed in 2013-14.
Exception Messages	 1,800 – Approximate number of blood drug analyses performed in 2013-14.
I-9000 EBAT Printouts Critical Thinking	 500 – Approximate number of post mortem testing performed for DUI/DUID purposes in 2013-14.
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Evidential Breath Ald	ohol Testing Program		Thoma	e exit	back	next
DAY 1 DAY 2 History of Breath Alcohol Testing	Intoxilyzer 9000 (I-900 Instructo	0) Evidential B or Certification		ng		
CO Driving Fatalities3	History of Breath Alcoho	ol Testing				
	Blood Alcohol Concent					_

For Drivers/Motorcycle Rider (Operators)

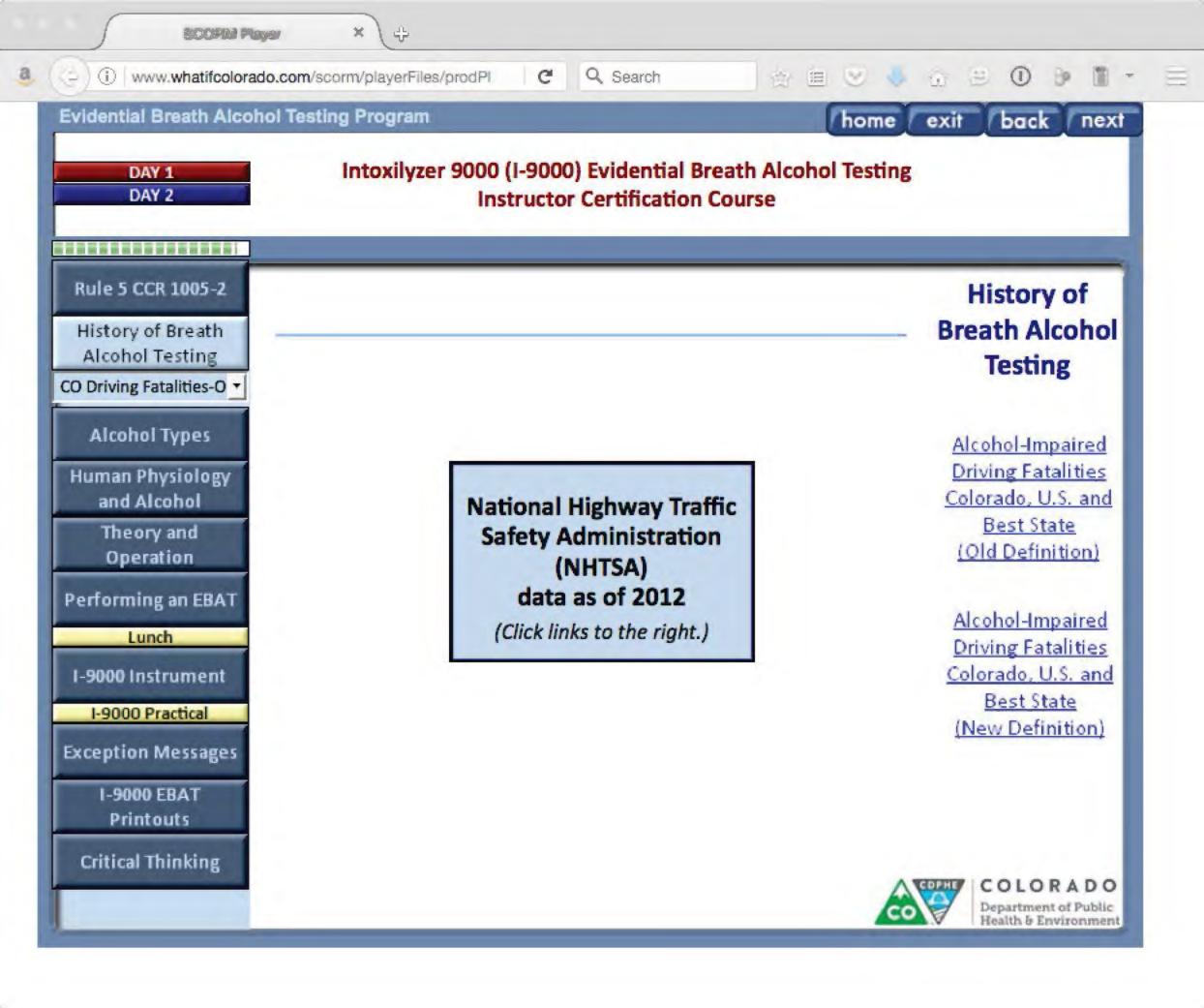
Involved in Fatal Crashes:

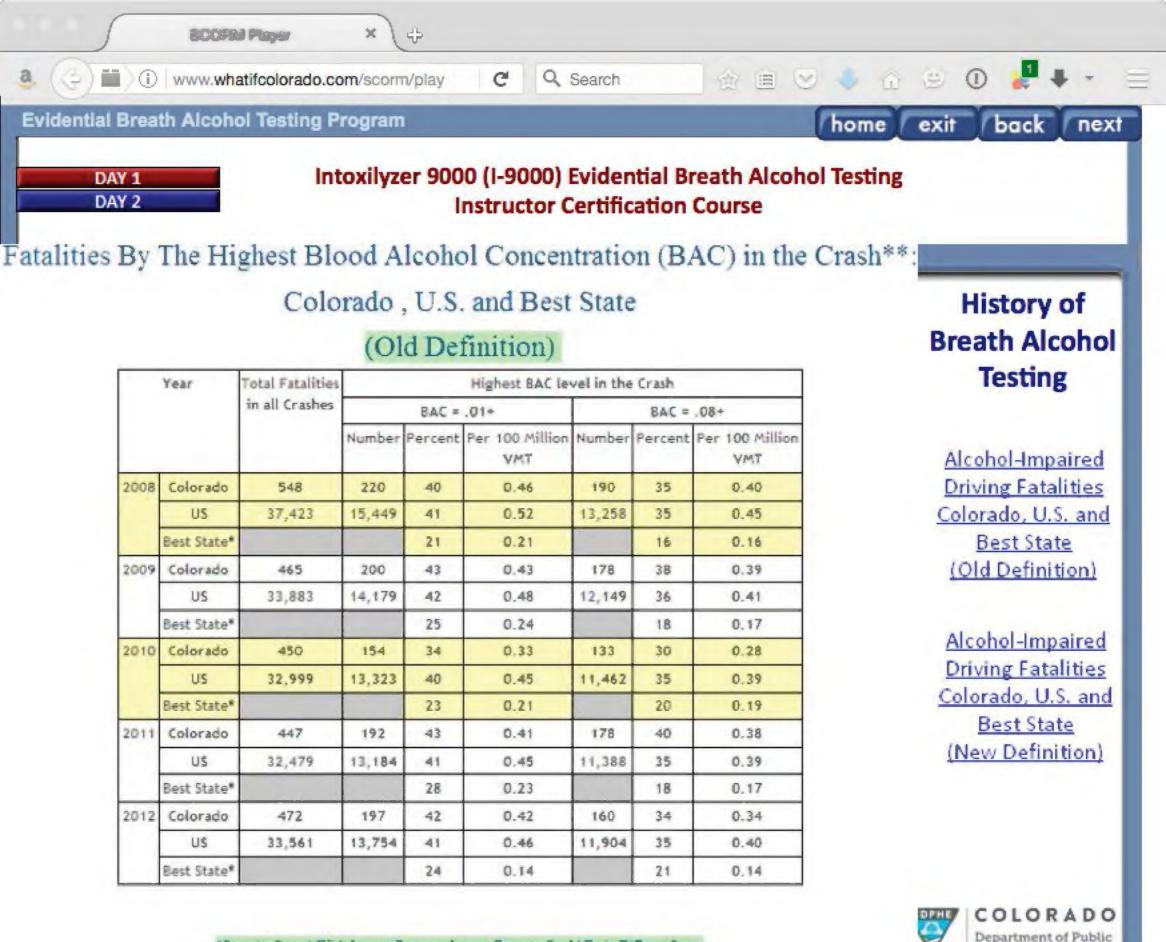
Colorado, U.S. and Best State

	Year	Survi	ving Drivers/Moto	orcycle Rider	Kil	led Drivers/Motor	cycle Rider	To	tal Drivers/Mot	orcycle Rider
		Total		hol Concentration eported to FARS	Total	(BAC) Results Re	ol Concentration	Total		cohol Concentration Reported to FARS
			Number	Percent		Number	Percent		Number	Percent
2008	Colorado	351	38	11	361	289	80	712	327	46
	US	26,162	7,656	29	24,254	18,415	76	50,416	26,071	52
	Best State*			81			99			85
2009	Colorado	341	41	12	312	273	88	653	314	-#8
	US	23,502	7,188	31	21,835	16,753	77	45,337	23,941	53
	Best State*		-	86			100			90
2010	Colorado	307	63	21	294	241	82	601	304	51
	US	23,527	7,927	34	21,072	16,405	78	44,599	24,332	55
	Best State*			92			100			91
2011	Colorado	285	61	21	302	246	81	587	307	52
	US.	23,025	7,484	33	20,815	15,846	76	43,840	23,330	53
	Bost State*		-	88			98			93
2012	Colorado	343	46	13	287	227	79	630	273	43
	US	23,943	6,653	28	21,394	14,792	69	45,337	21,445	47
	Best State*		-	88			95		COPHE	COLORADO
Data f	rom http://	www-nrd	.nhtsa.dot.gov/de	epartments/nrd-3	0/ncsa/S	TSI/8 CO/2012/8	CO 2012.htm			Department of Public

Data from http://www-hrd.nntsa.dot.gov/departments/hrd-30/hcsa/STSI/8_CO/2012/8_CO_2012.htm

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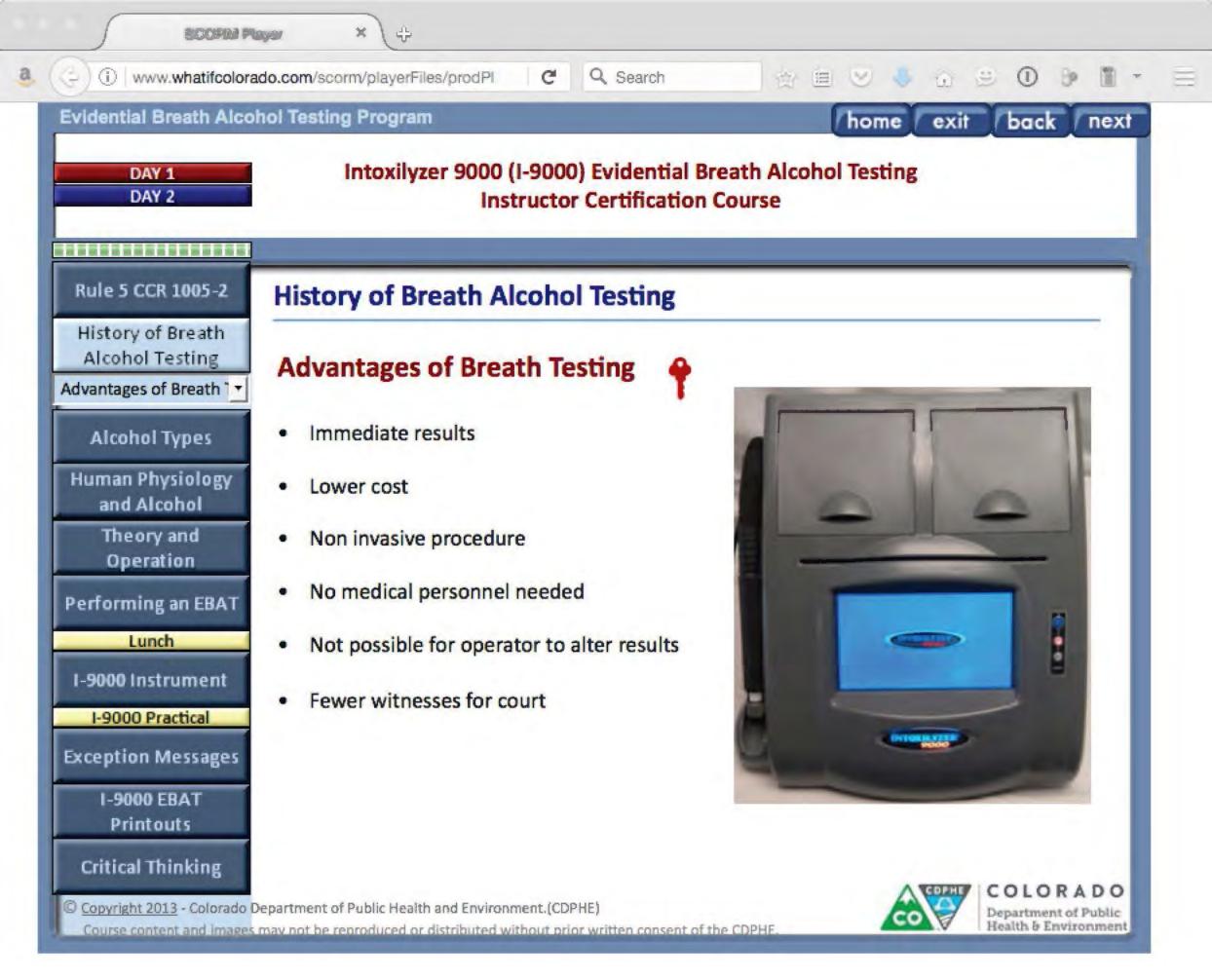


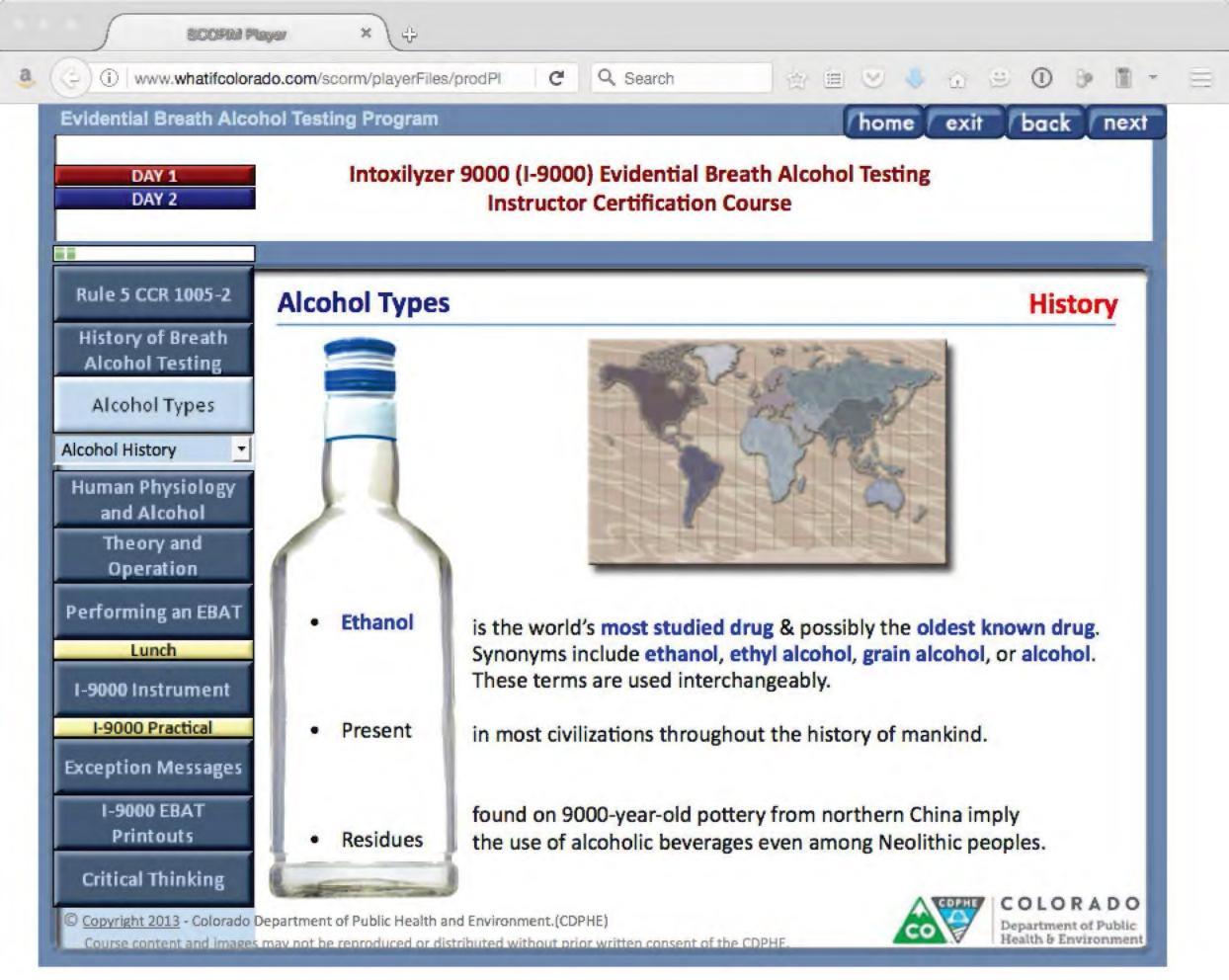


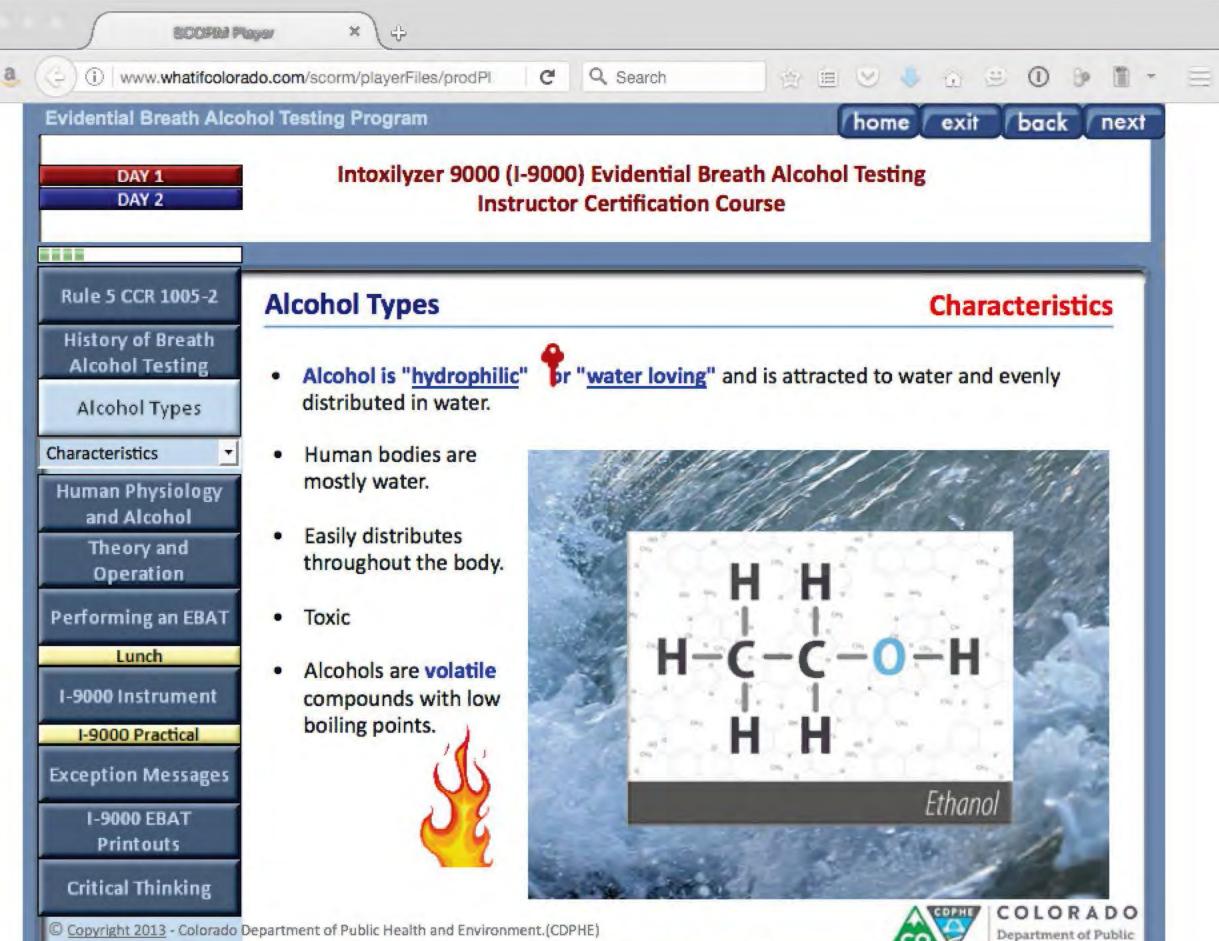
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"State (or States) With Lowest Percents: Lowest Percents Could Be in Different States ""Based on the BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

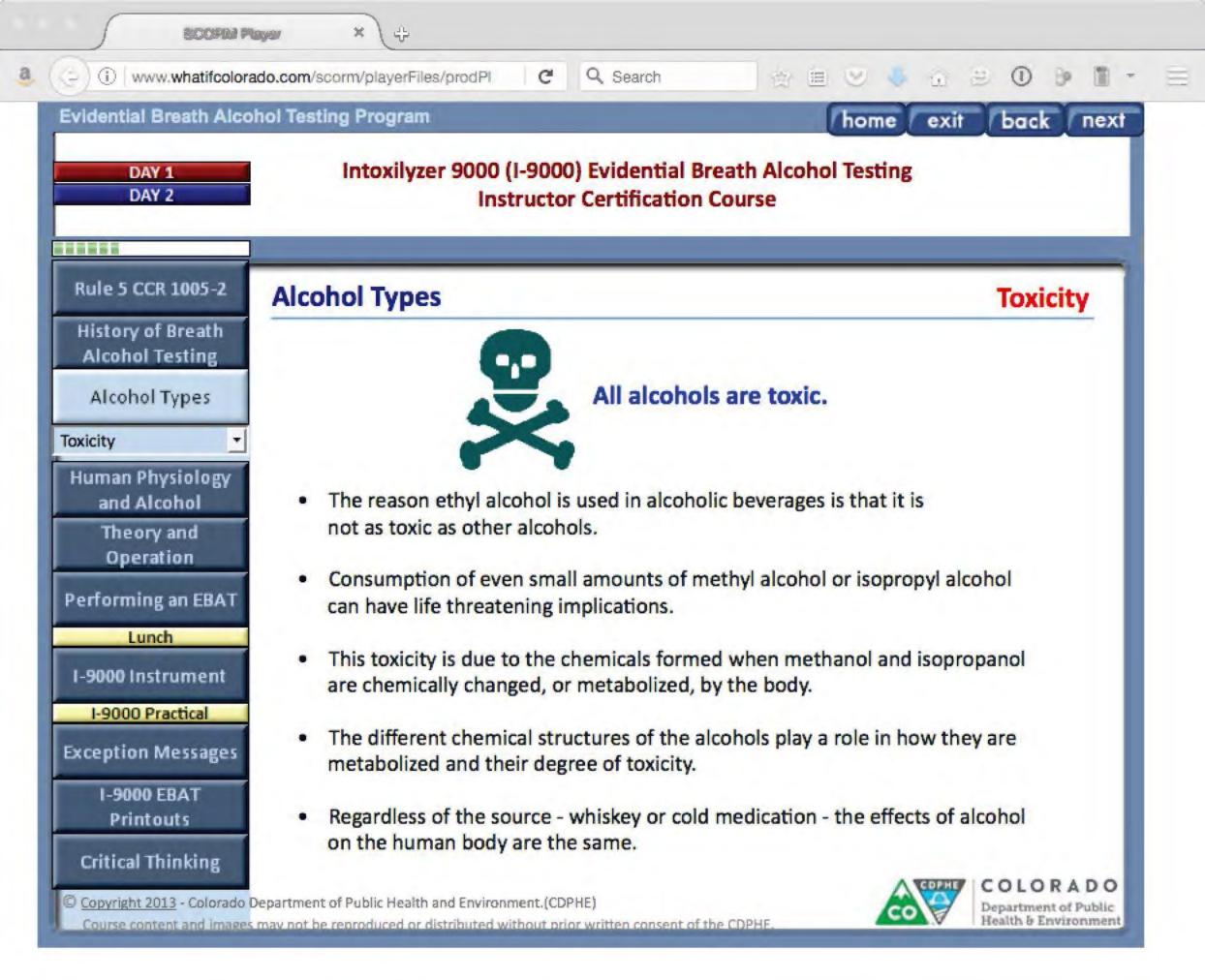
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DAY 1 DAY 2	itox	ilyzer 9	000 (I-900) Instructo			eath Alcohol Course	esting
	A	lcohol	-Impaired	l Drivi	ng Fat	alities**:	
Rule 5 CCR 1005-2		Col	orado, U	.S. and	Best	State	History of
History of Breath			(New)	Defini	tion)		Breath Alcoho
Alcohol Testing CO Driving Fatalities-O		Year	Total Fatalities in all Crashes	Alcohol-In	npaired Driv = .08	ving Fatalities (BAC i+)	Testing
Alcohol Types				Number	Percent	Per 100 Million VMT	Alcohol-Impaired
Human Physiology	2008	Colorado	548	176	32	0.37	Driving Fatalities
and Alcohol		US	37,423	11,711	31	0.39	Colorado, U.S. and
Theory and		Best State*			16	0.16	Best State
Operation	2009	Colorado	465	158	34	0.34	(Old Definition)
		US	33,883	10,759	32	0.36	
Performing an EBAT	-	Best State*			17	0.16	Alcohol-Impaired
Lunch	2010	Colorado	450	120	27	0.26	Driving Fatalities
I-9000 Instrument		US	32,999	10,136	31	0.34	Colorado, U.S. and
	2011	Best State*	447	160	18 36	0.17	Best State
I-9000 Practical	2011	US	32,479	9,865	36	0.34	(New Definition)
xception Messages	ł	Best State*	342475	1,003	17	0.16	
	2012	Colorado	472	133	28	0.28	
I-9000 EBAT Printouts		US	33,561	10,322	31	0.35	
Printouts		Best State*			16	0.11	

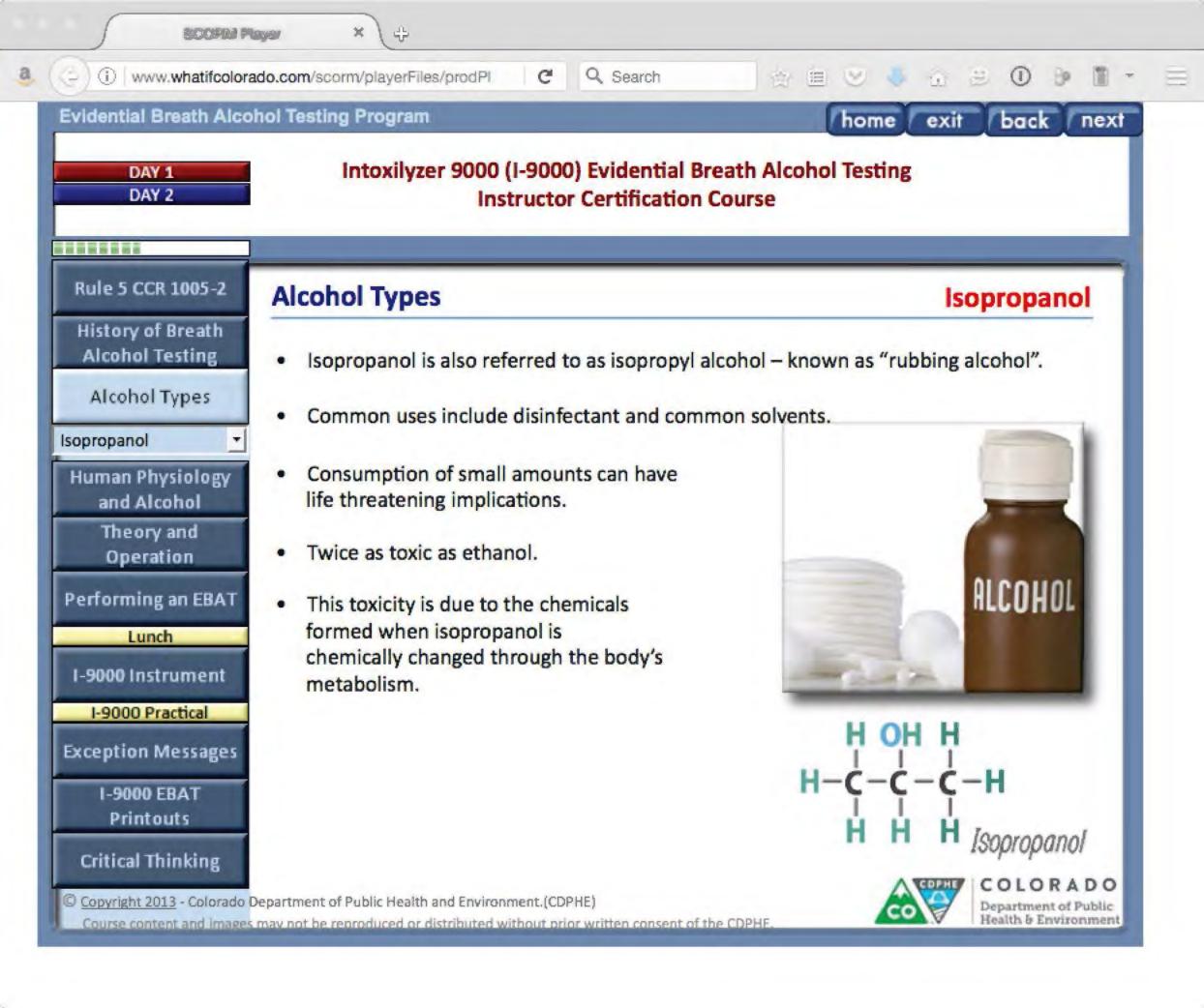


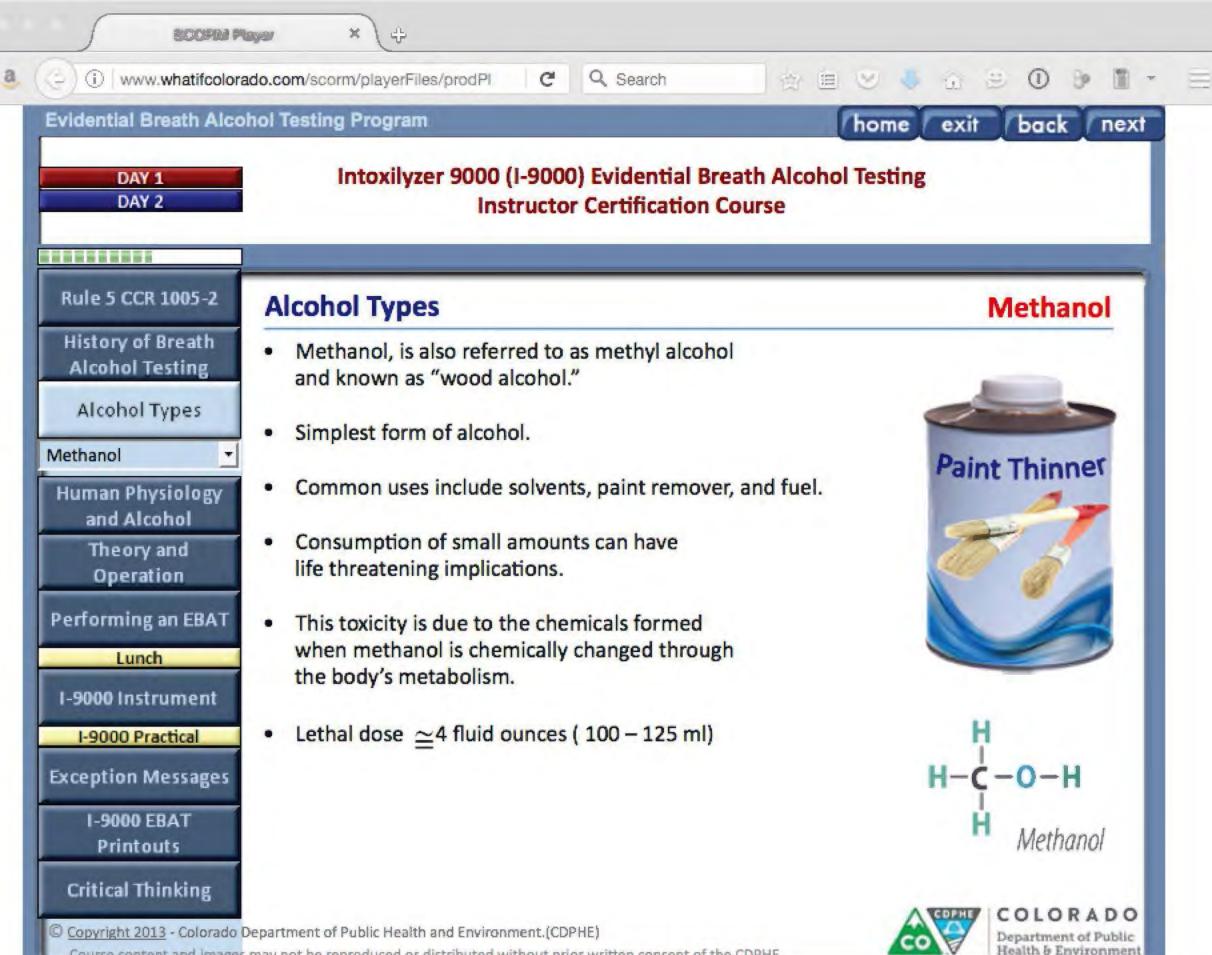


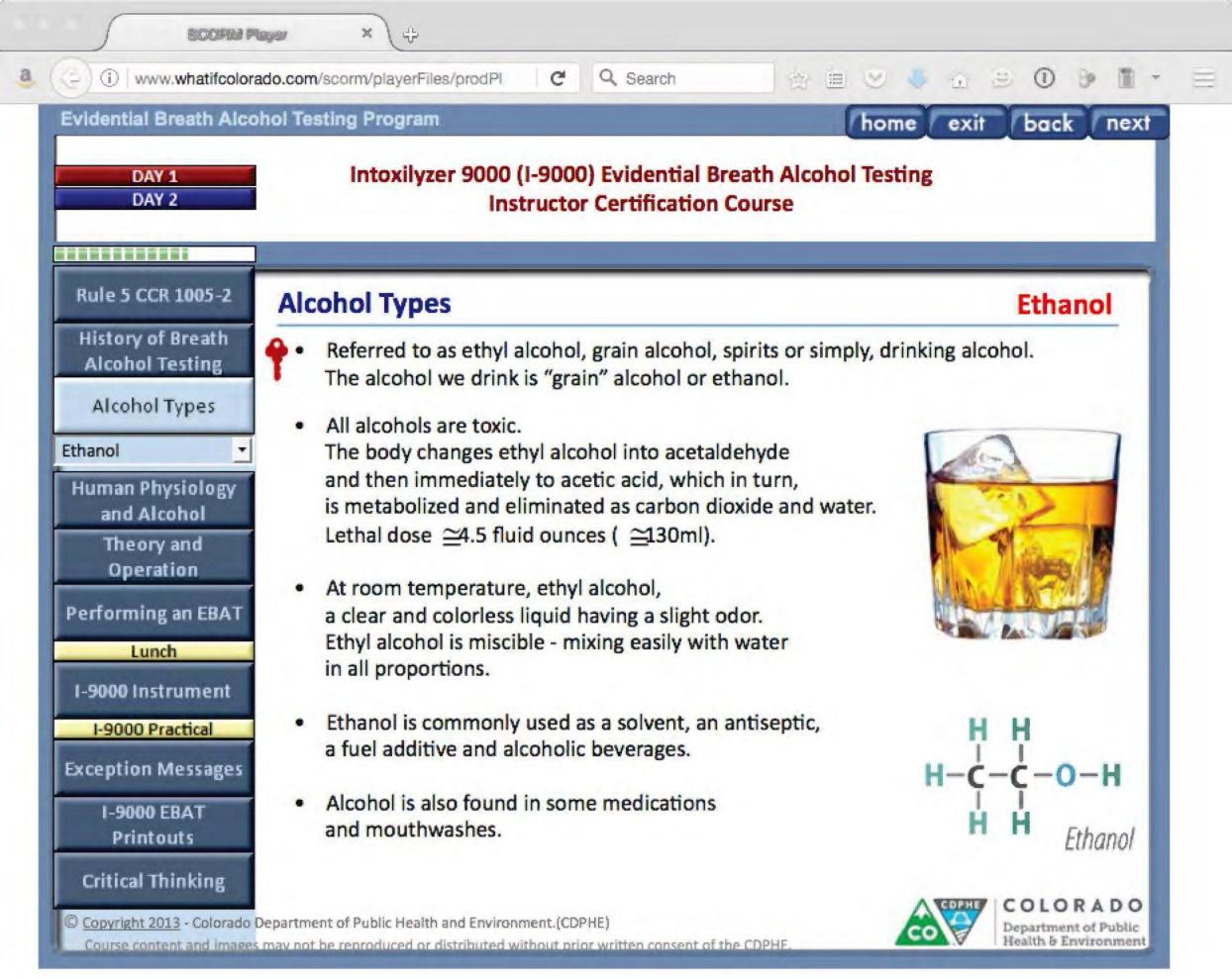


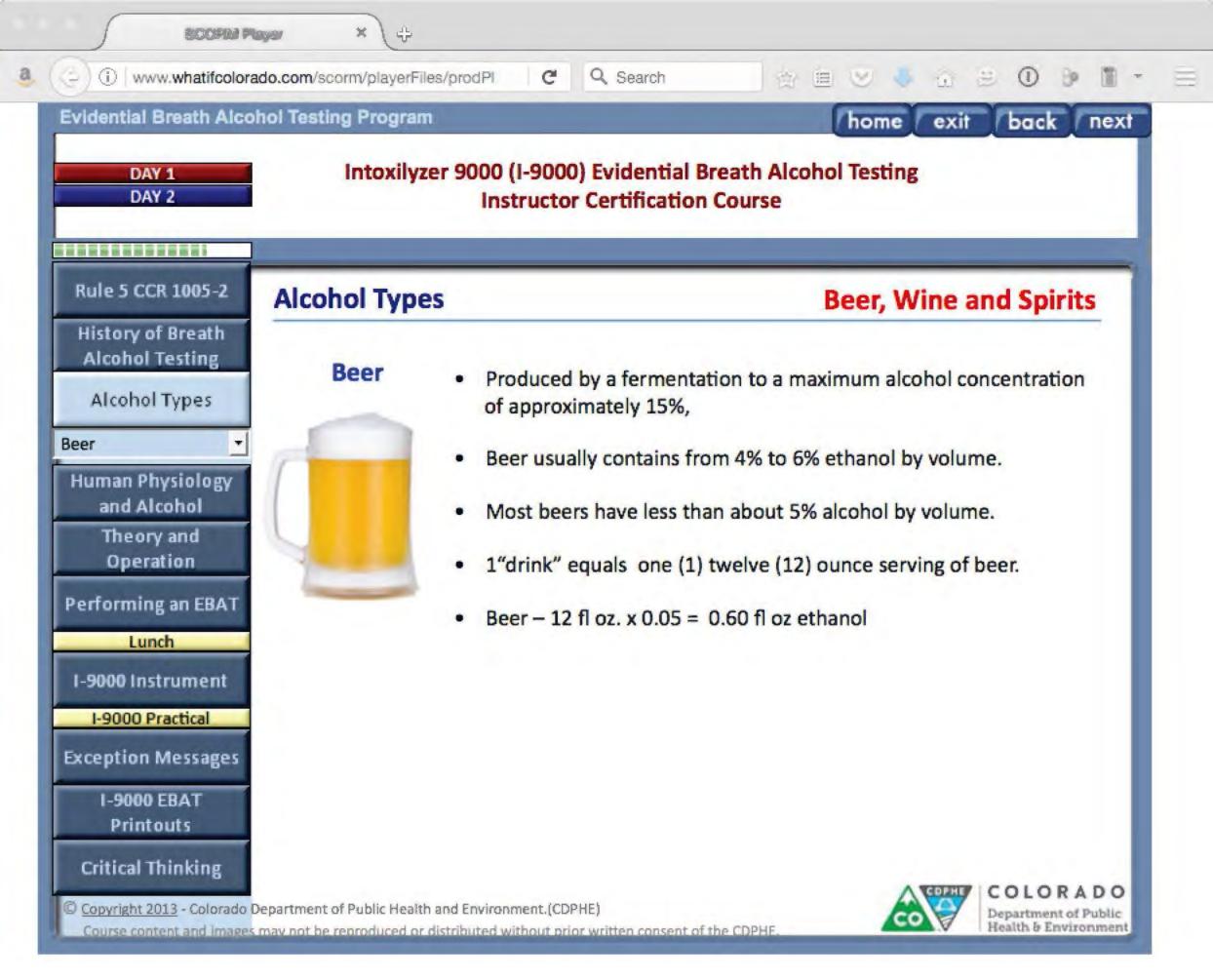
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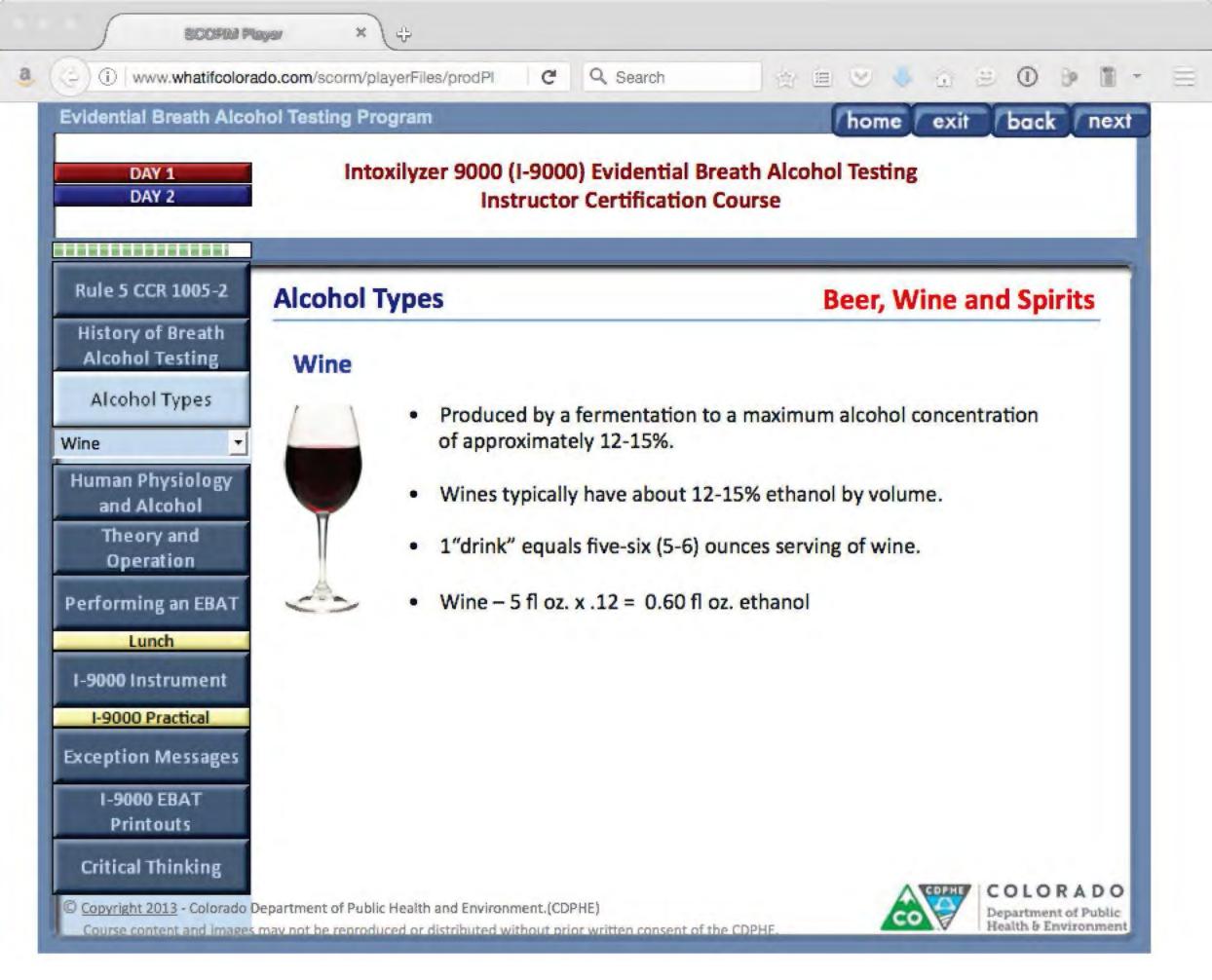


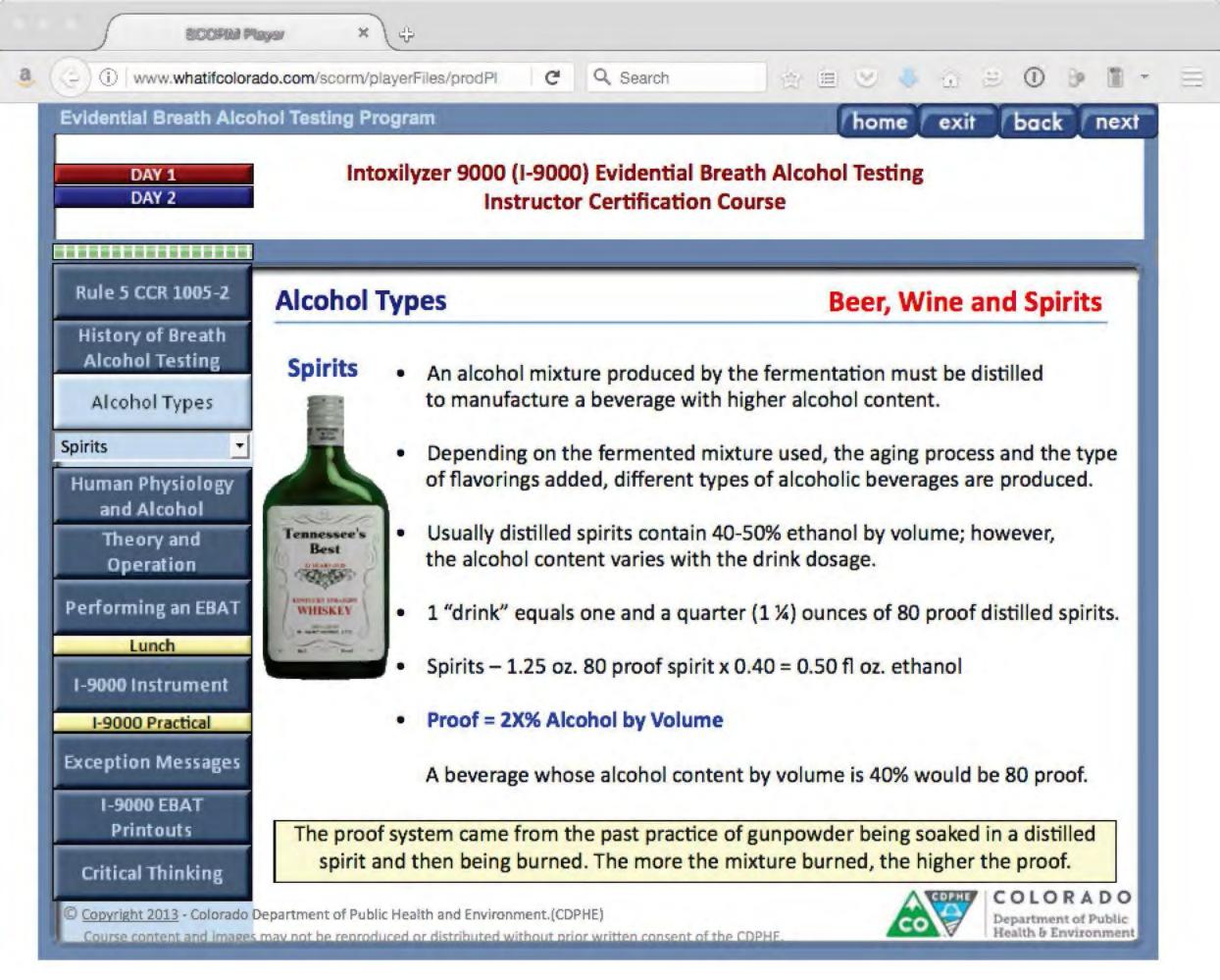


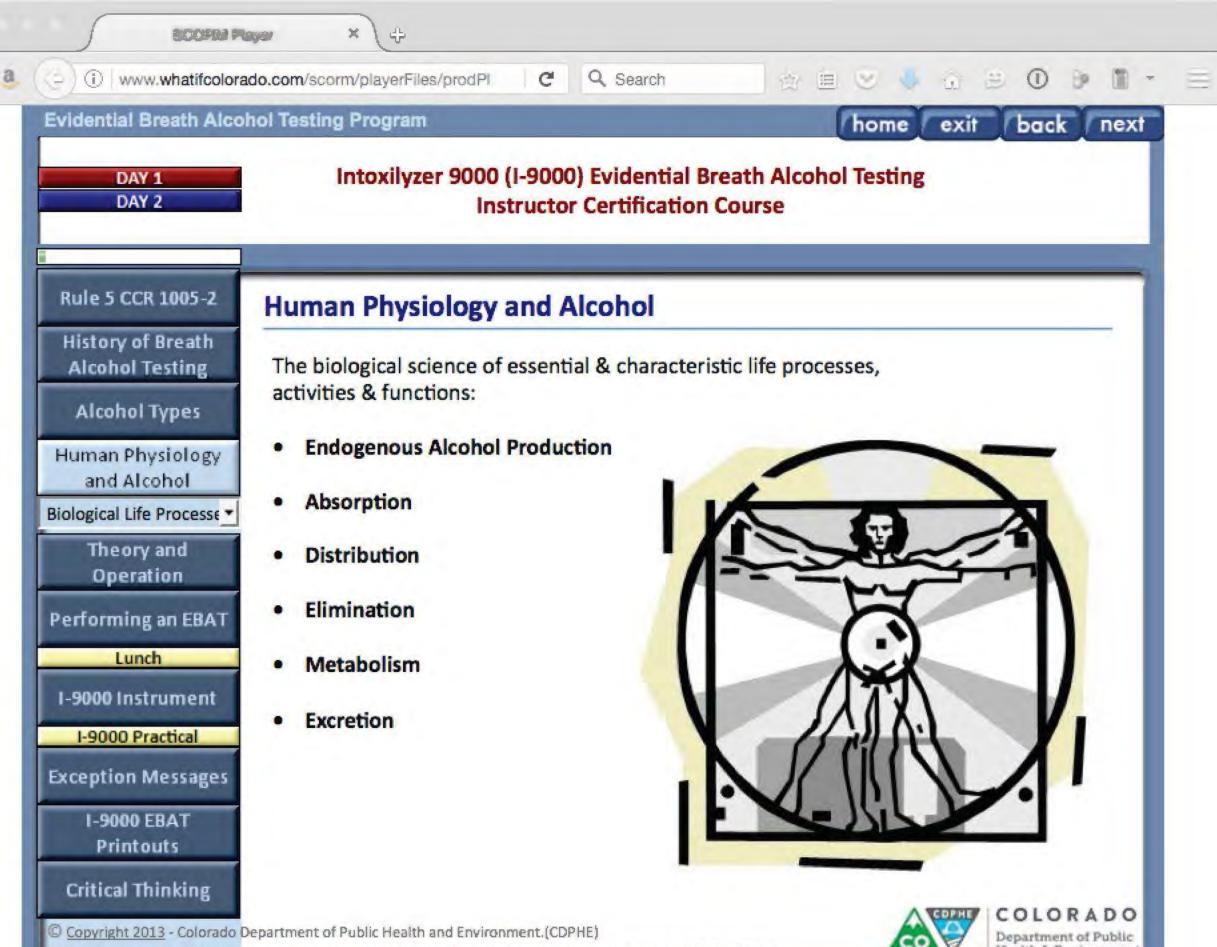




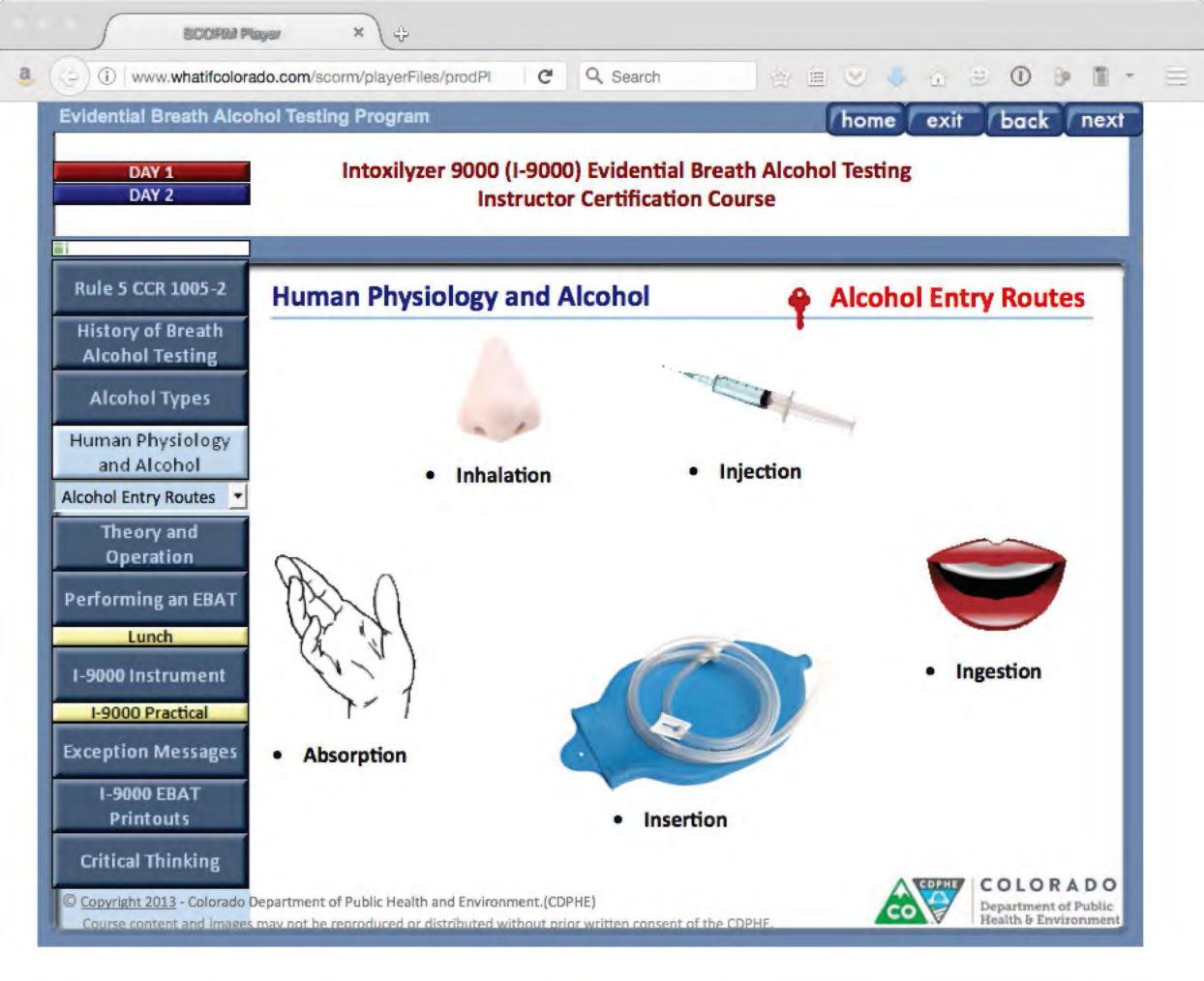


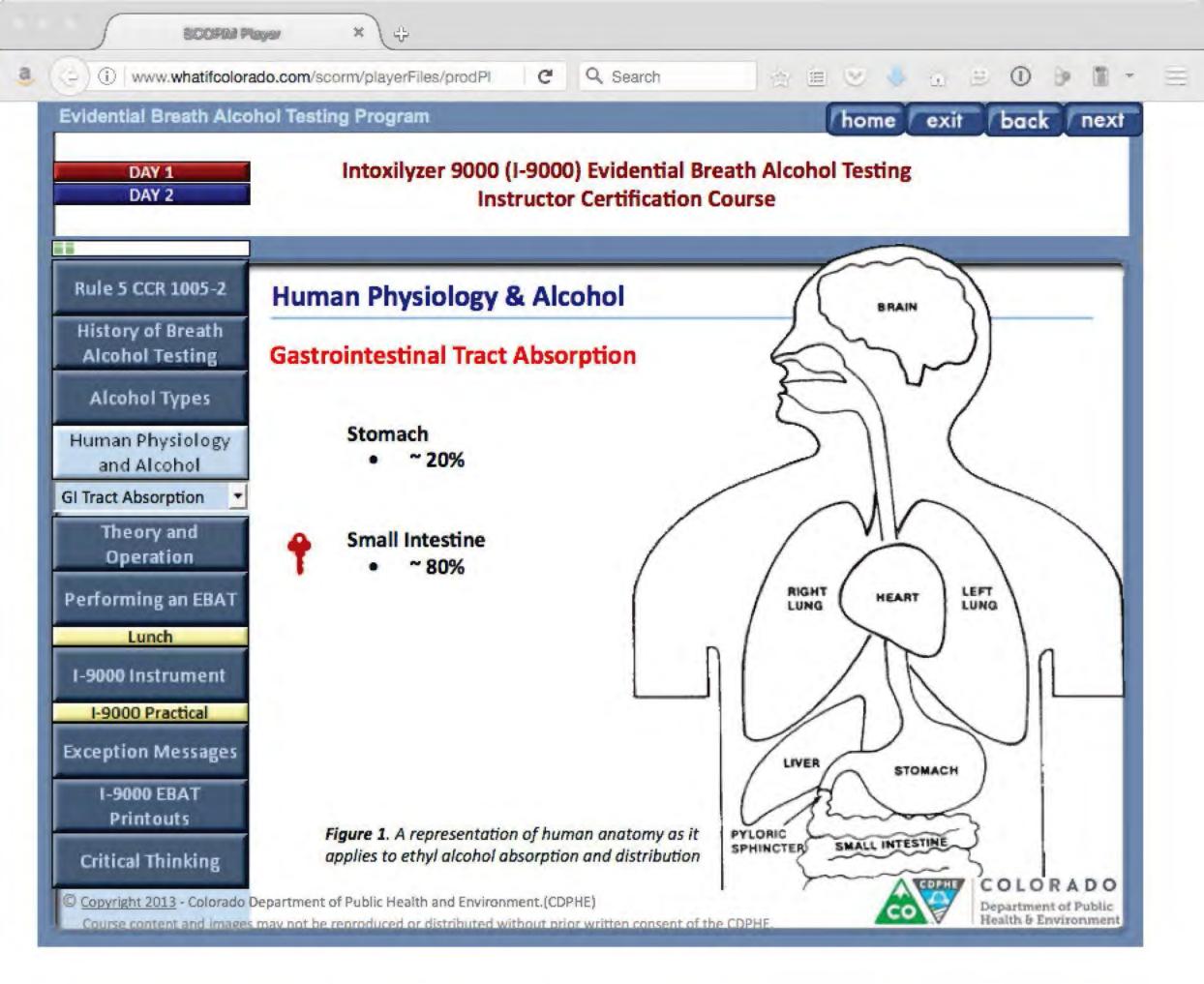




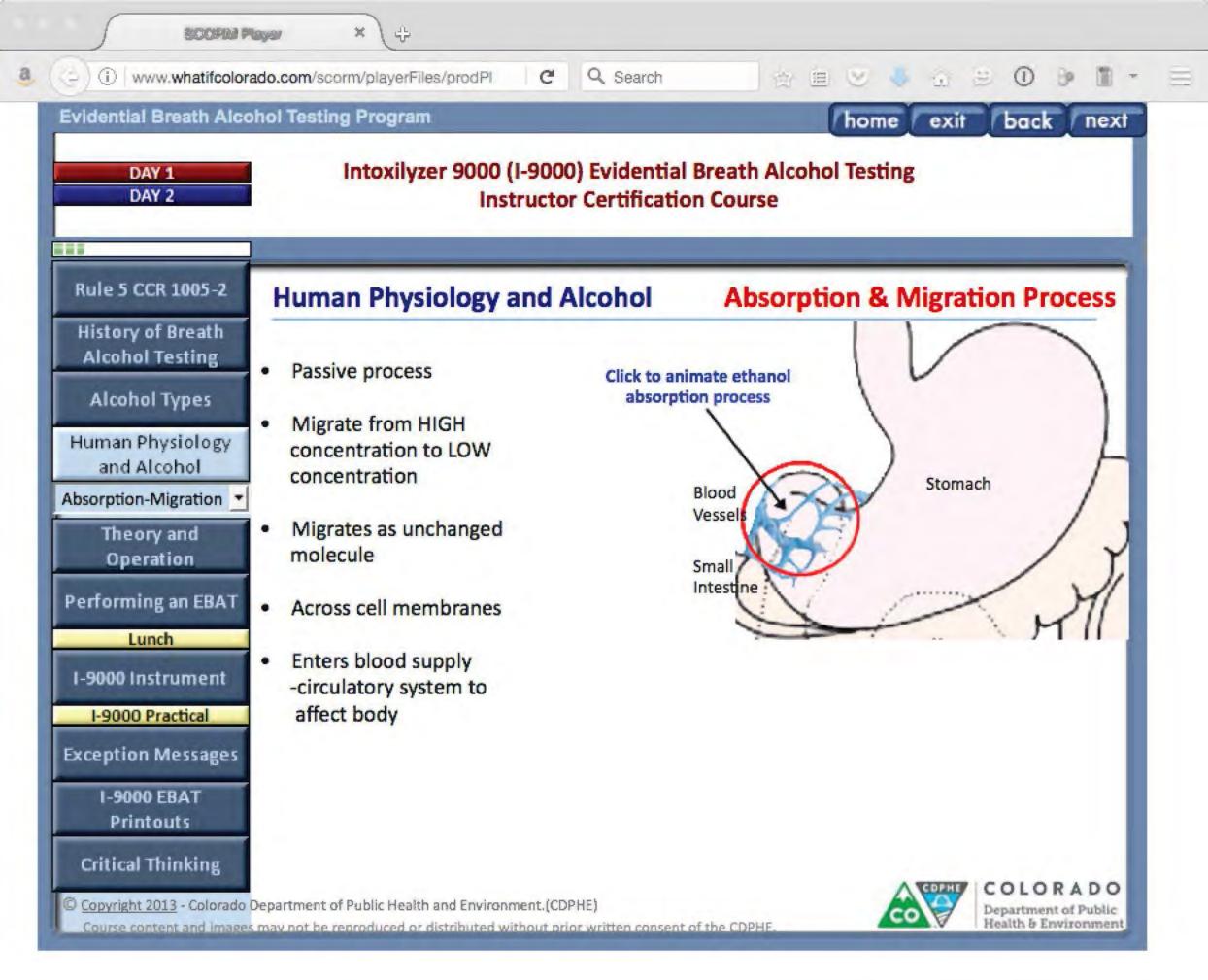


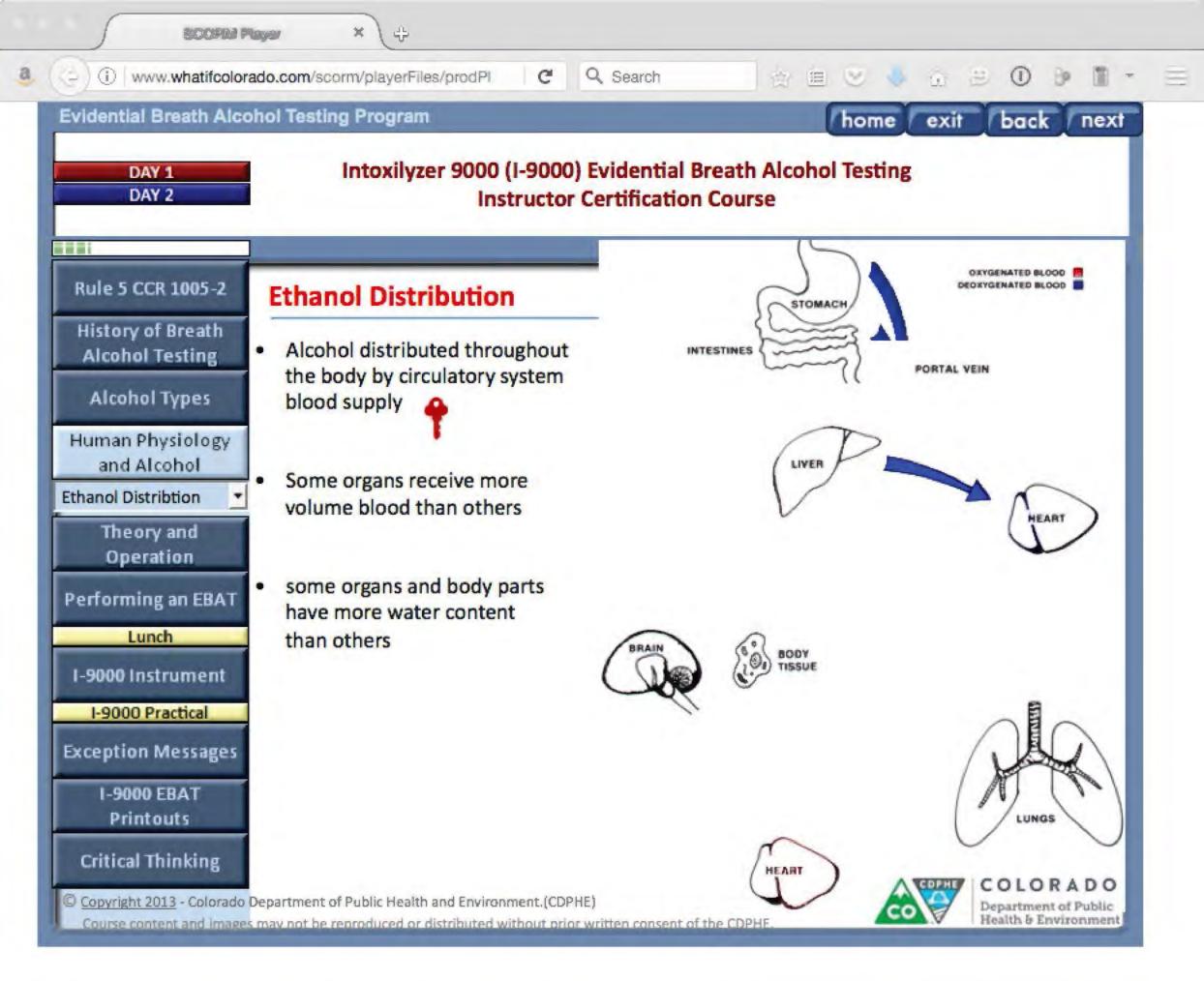
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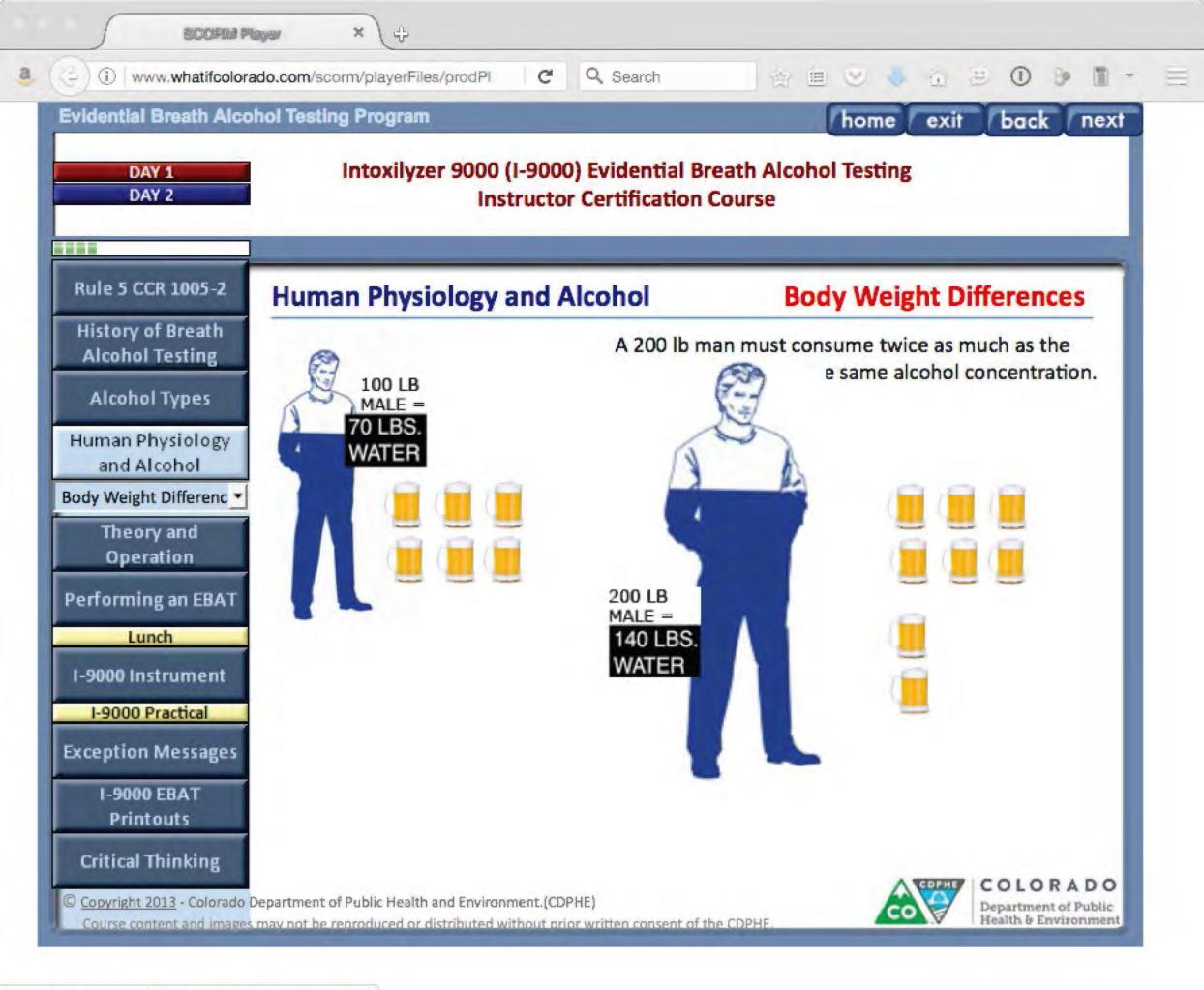


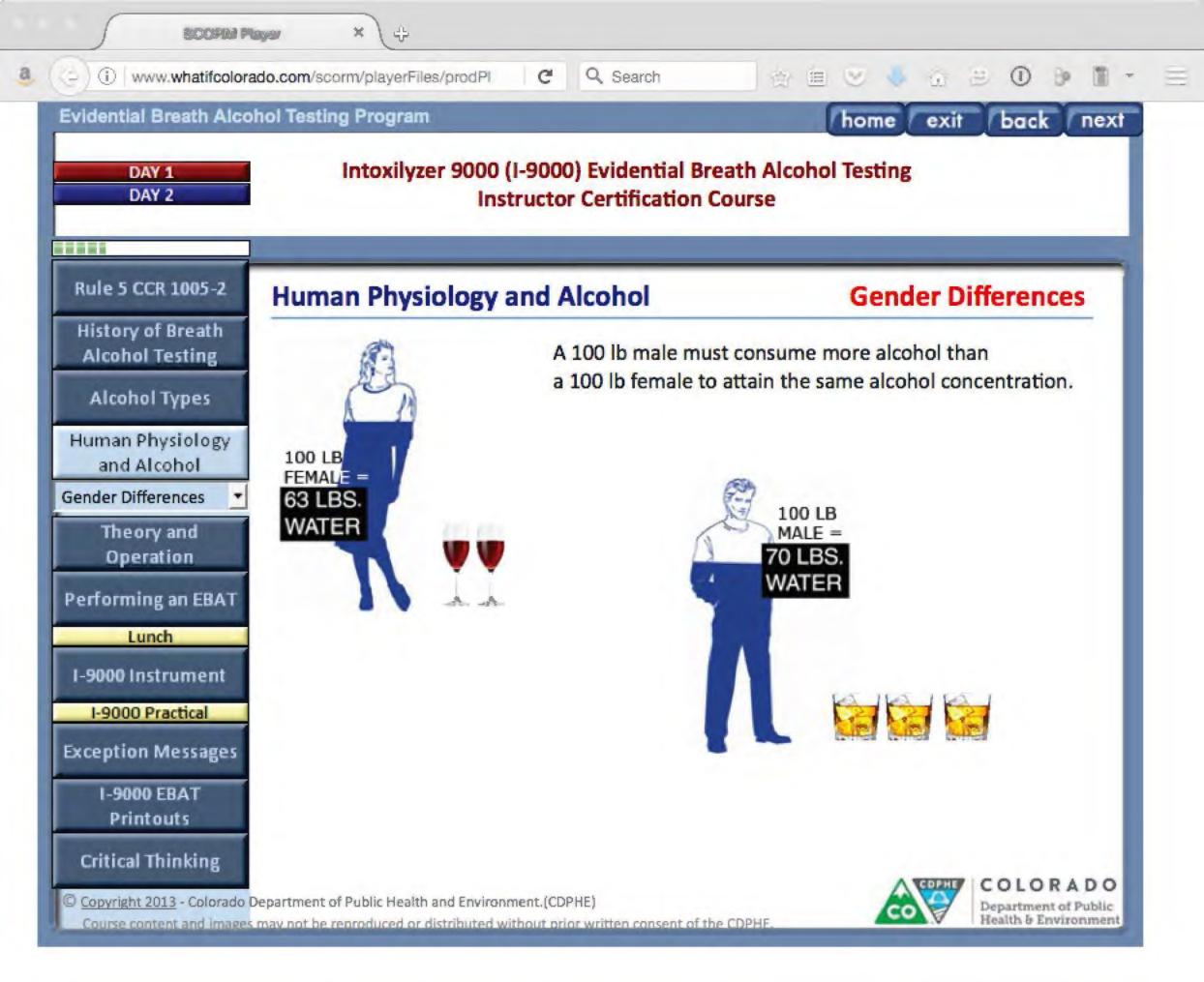


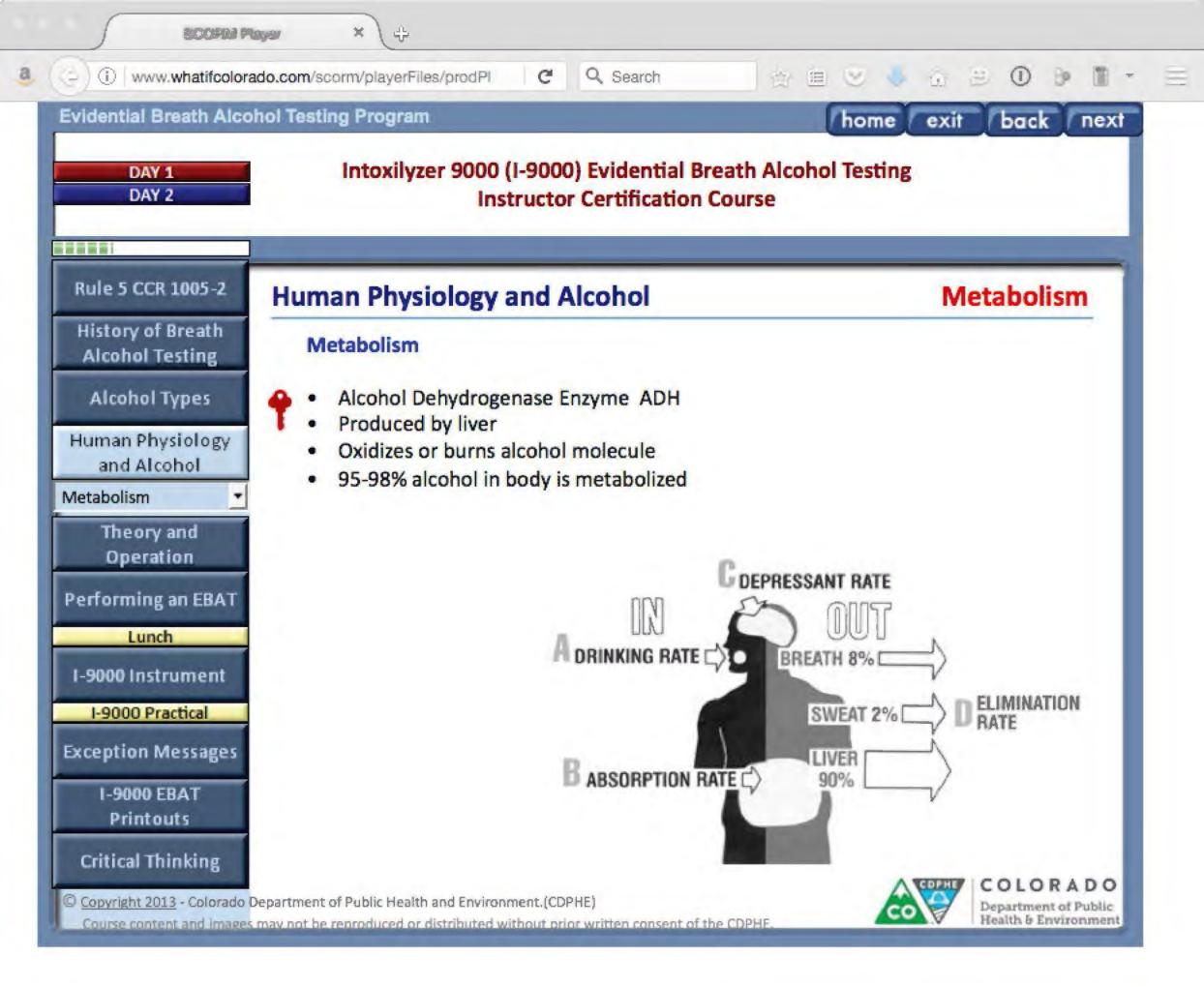
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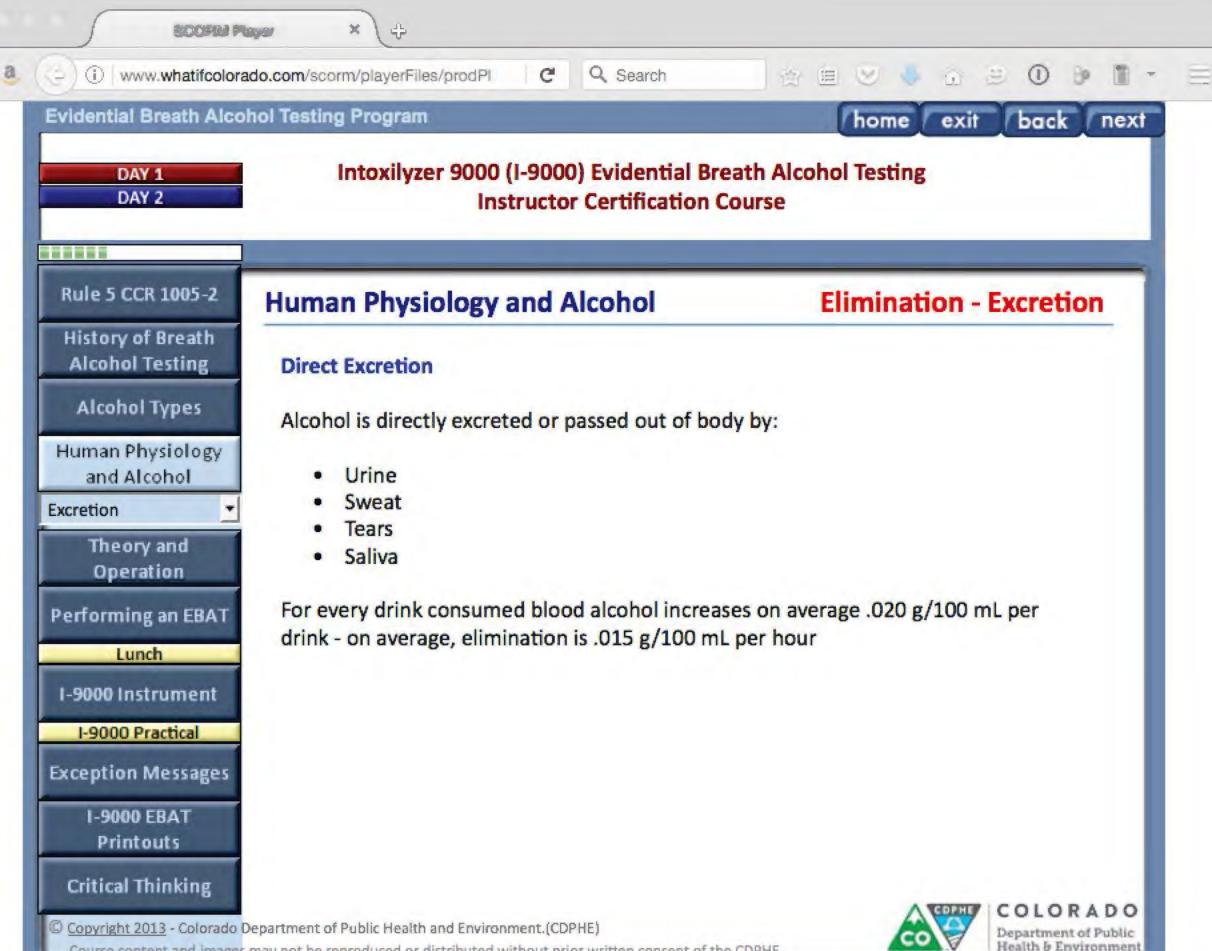


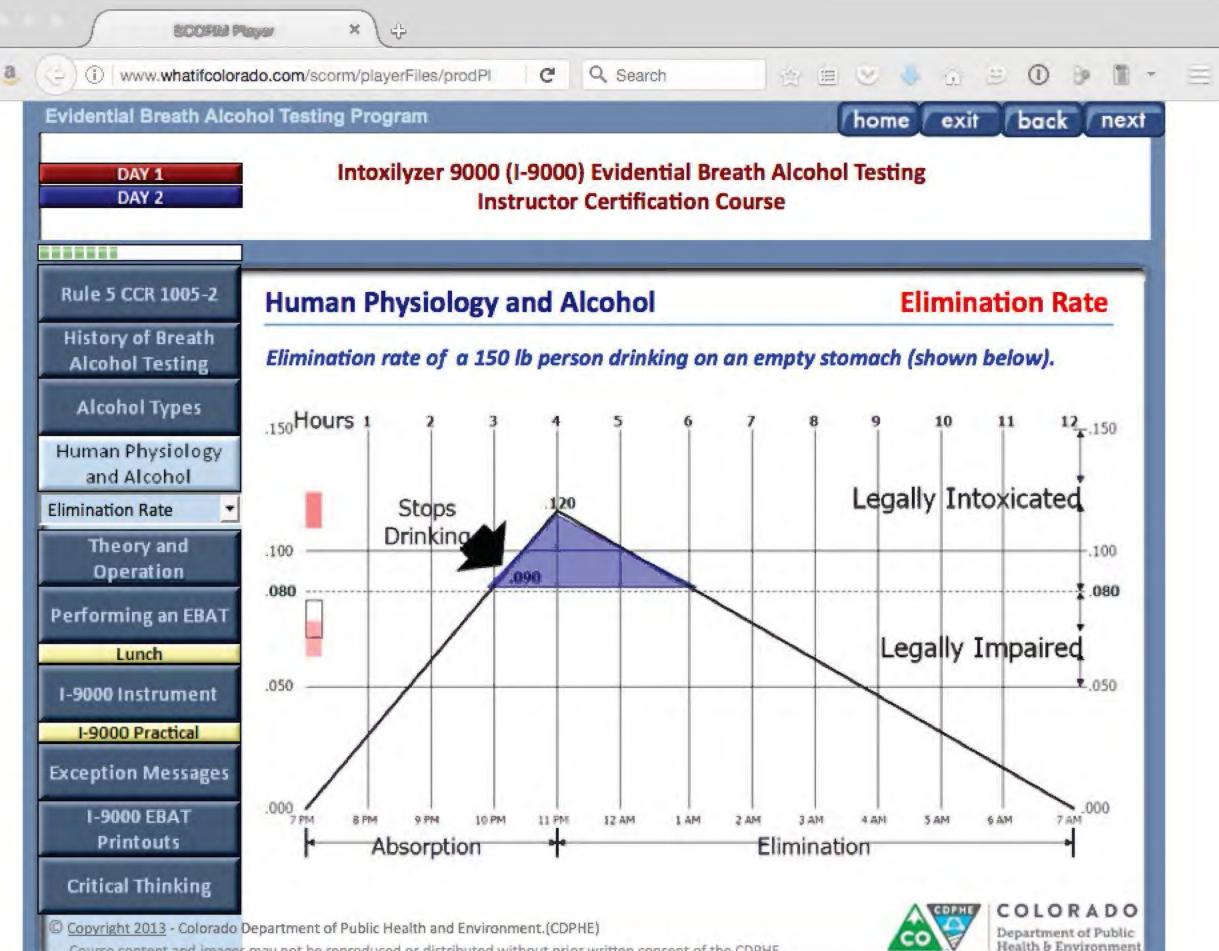


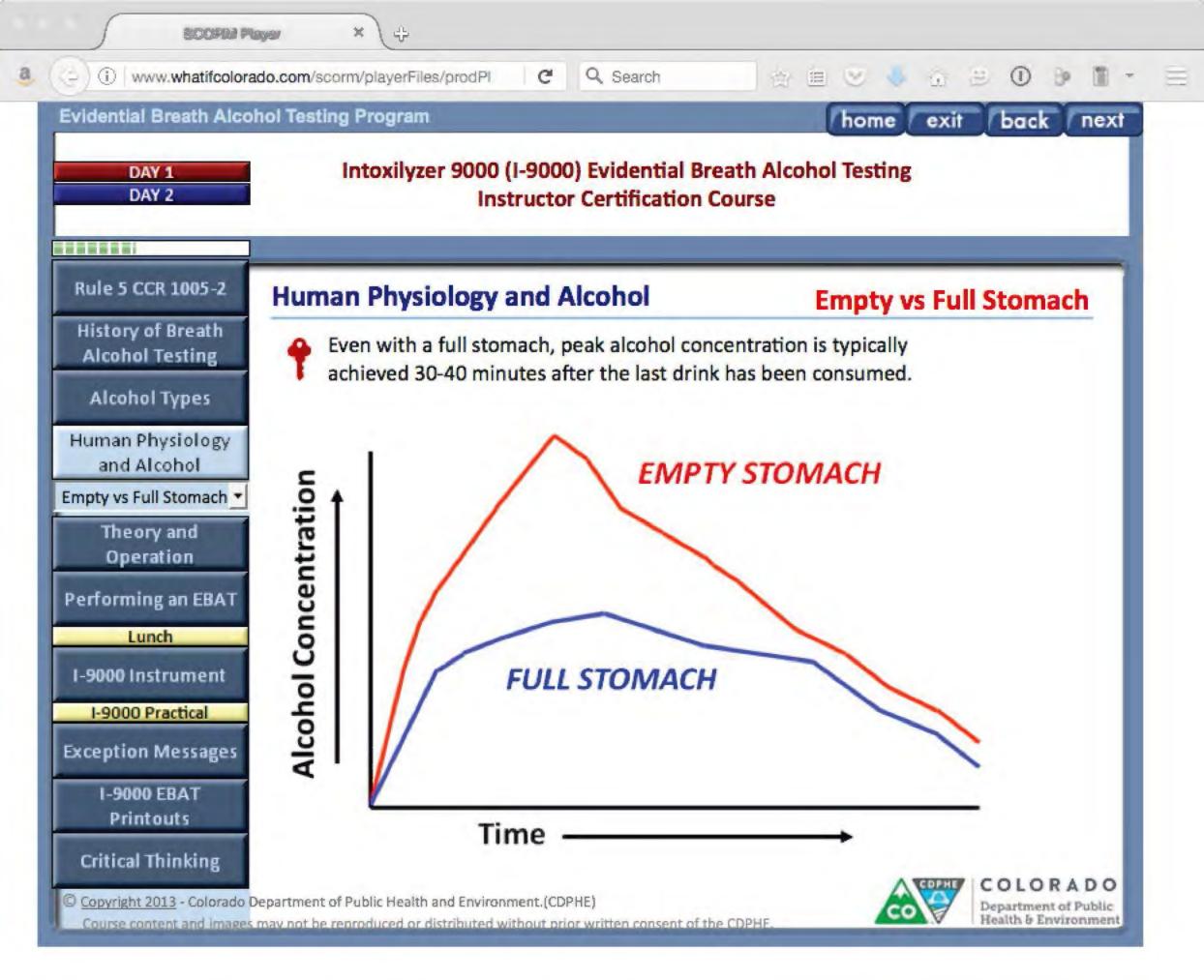


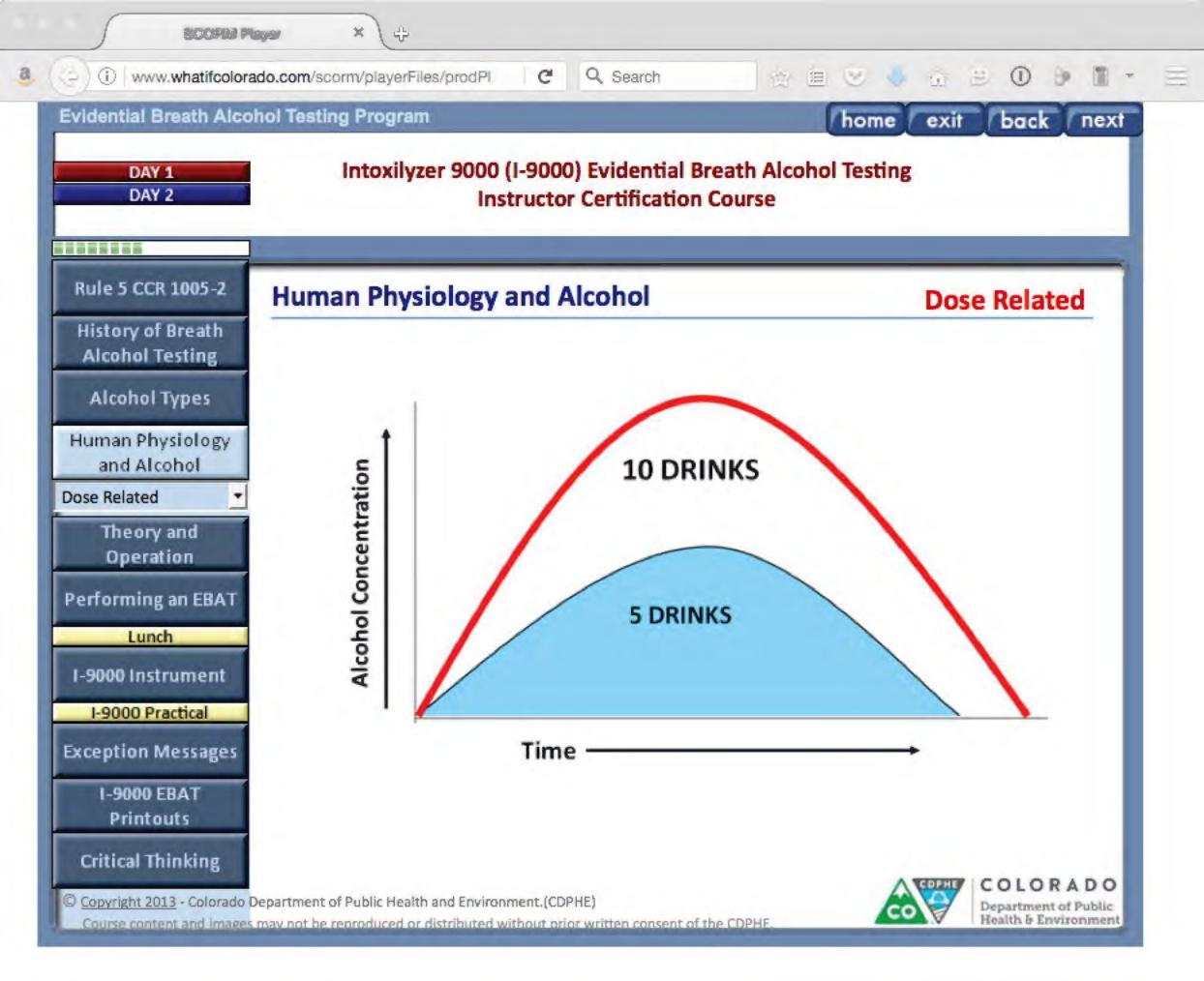


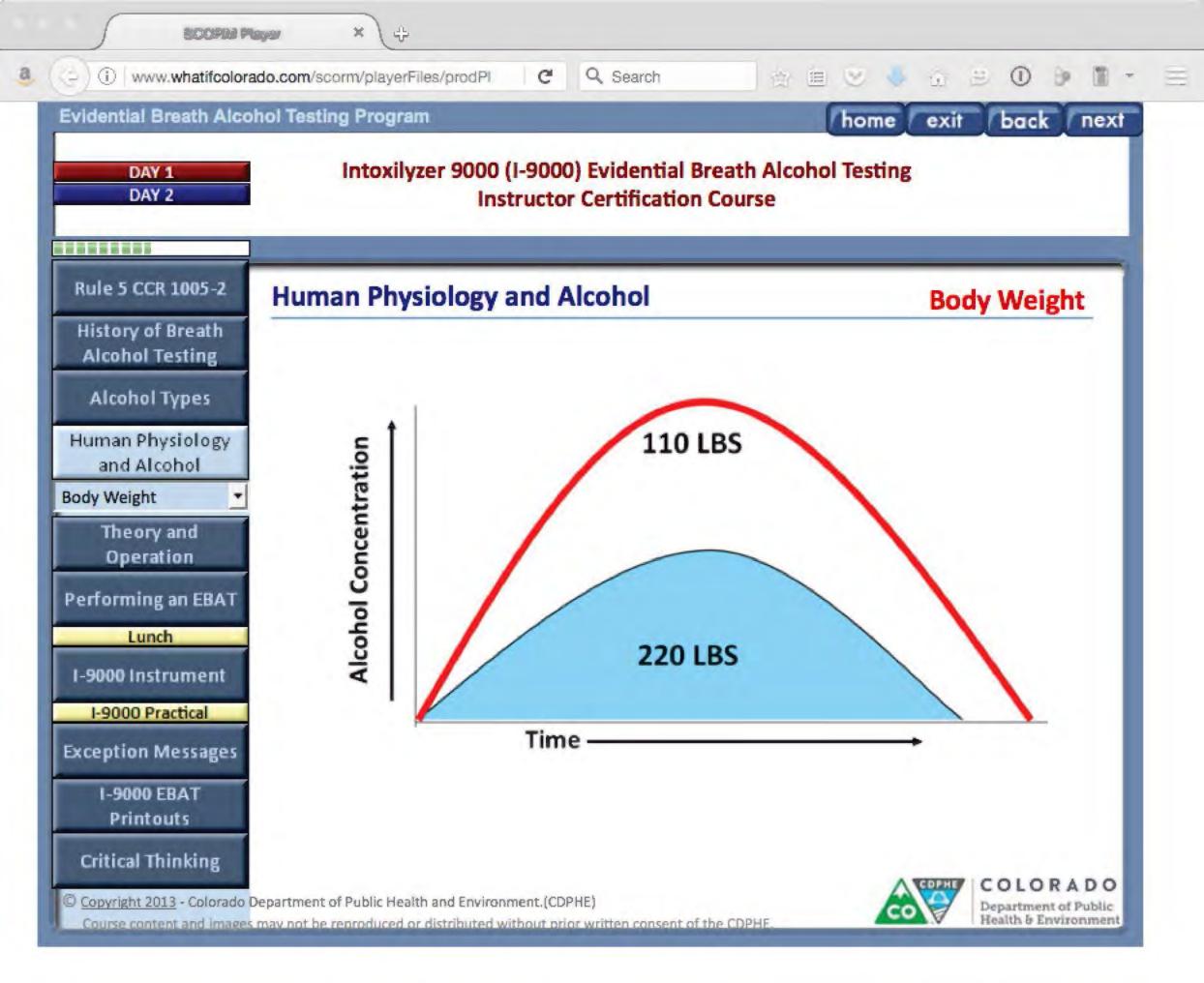
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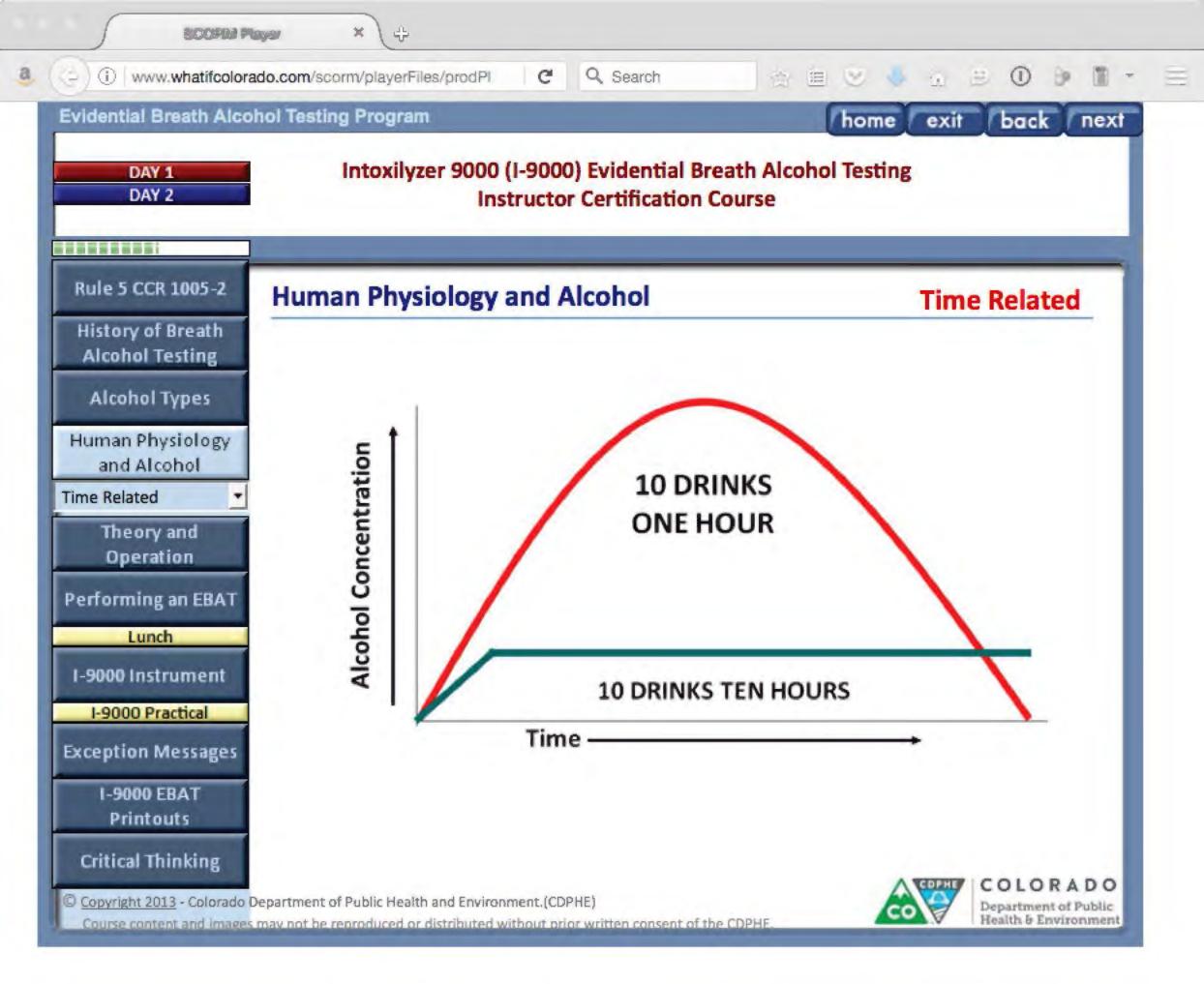


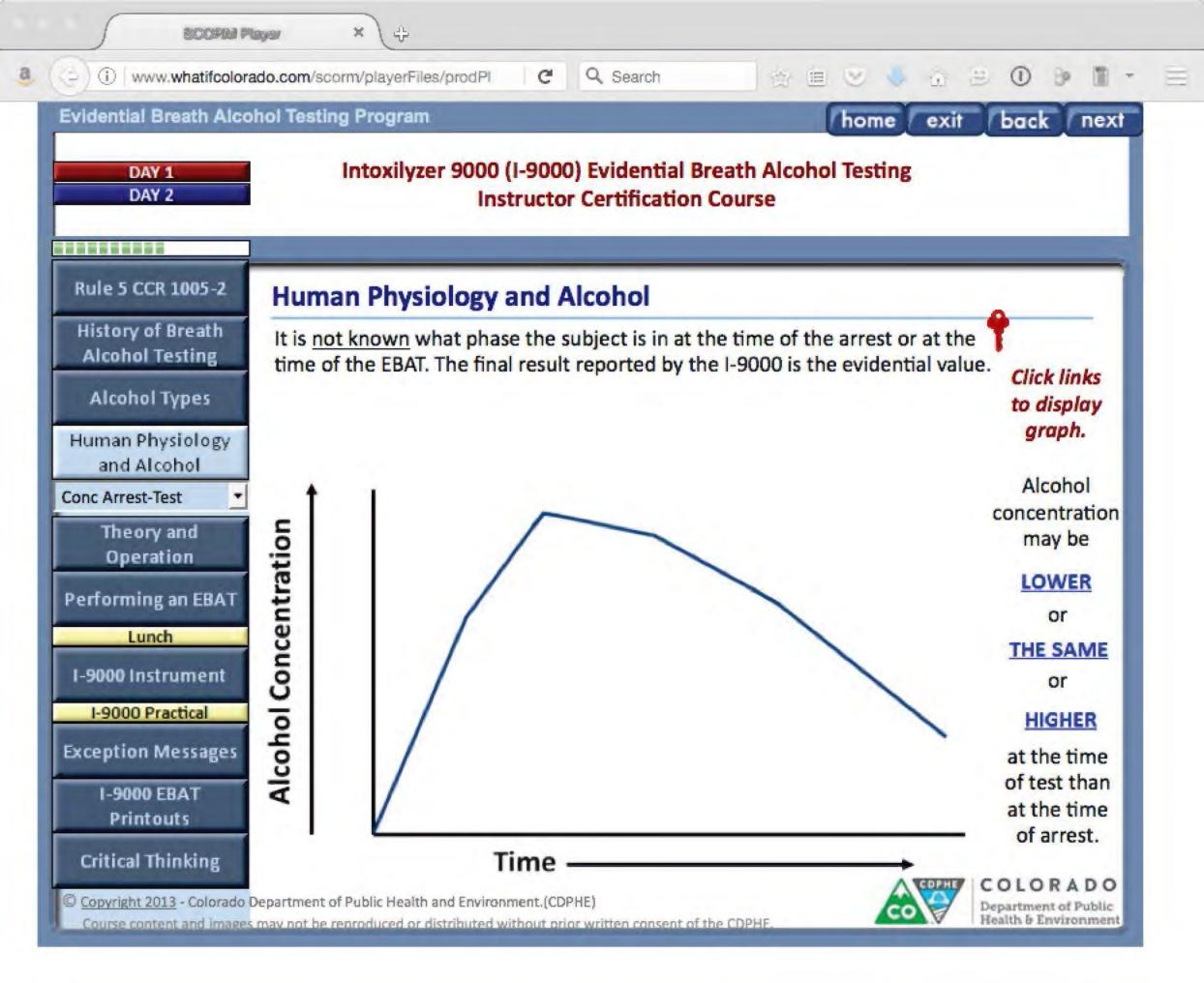












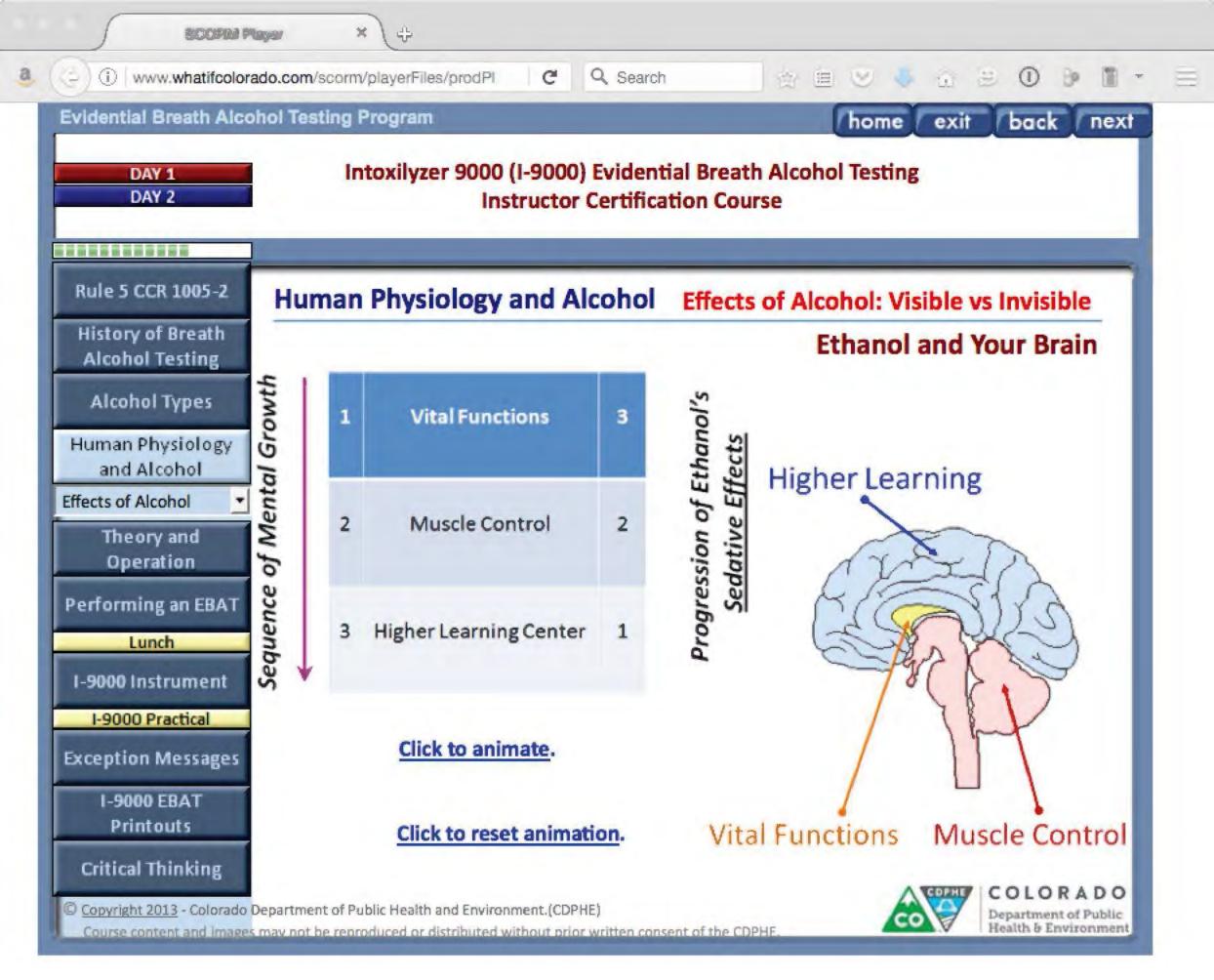


Evidential Breath Alco	ohol Testing Program	home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidentia Instructor Certificati	
Rule 5 CCR 1005-2	Human Physiology and Alcohol	Myths vs Facts
History of Breath Alcohol Testing Alcohol Types Human Physiology and Alcohol Myths vs Facts Theory and Operation Performing an EBAT Cunch I-9000 Instrument I-9000 Practical Exception Messages	 MYTHS It is a stimulant It has nutrients It increases mental and physical ability In given amounts alcohol affects individuals in the same way There are ways to sober up quickly Any amount will cause bodily damage 	 FACTS It is a depressant It has calories It decreases mental and physical ability In given amounts alcohol affects individuals in different ways Time is the only way to sober up It will cause bodily damage if consumed in excess

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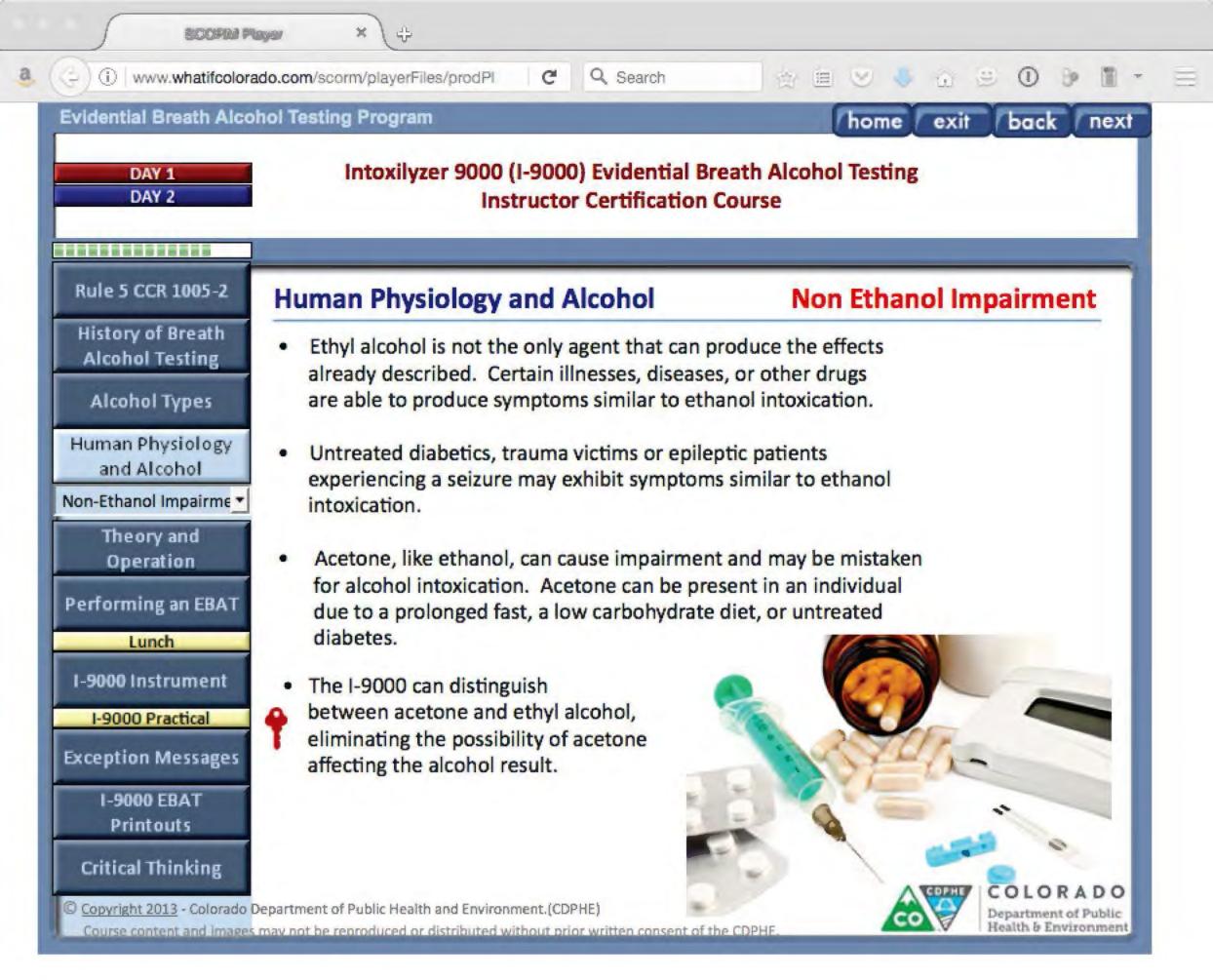
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DAY 1 Into DAY 2) Evidential Breath Al Certification Course	cohol Testing
	Physiology and A	lcohol	Stages of Intoxication
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Alcohol Types Sobrie	ty	0.00	0.05
and Alcohol Eupho	oria	0.03	0.12
Theory and Excite	ment	0.09	0.25
Operation Orming an EBAT	sion	0.18	0.30
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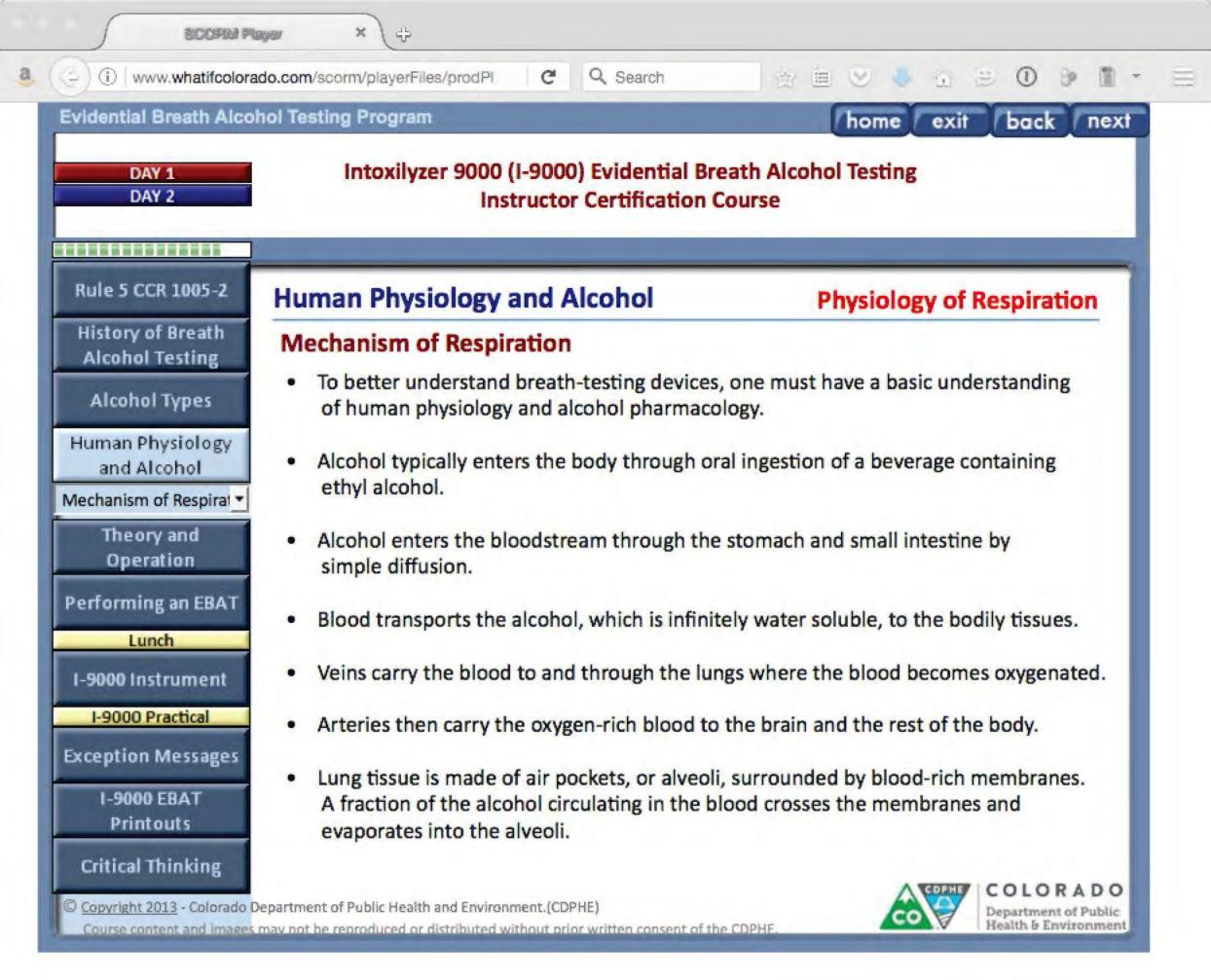
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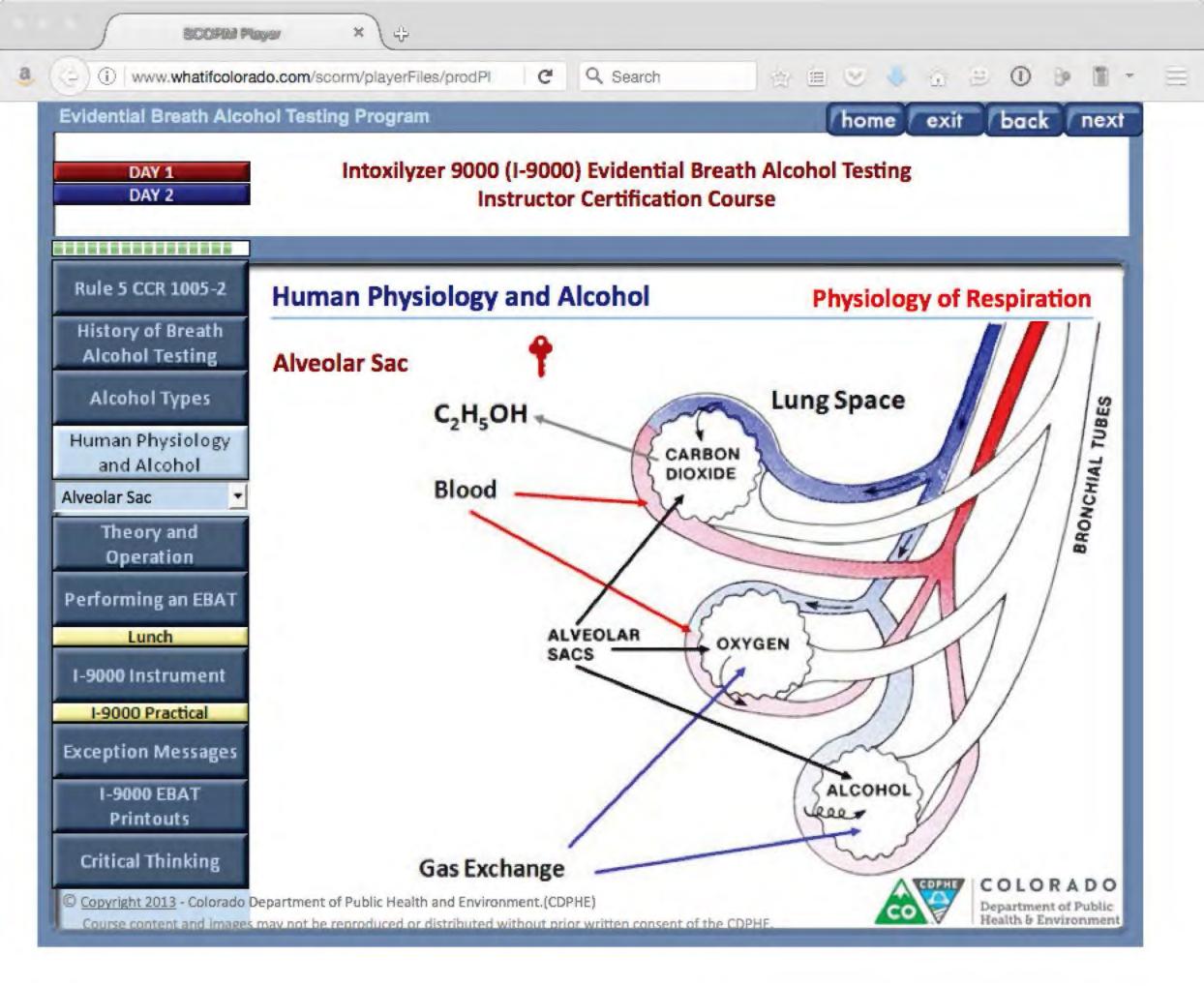
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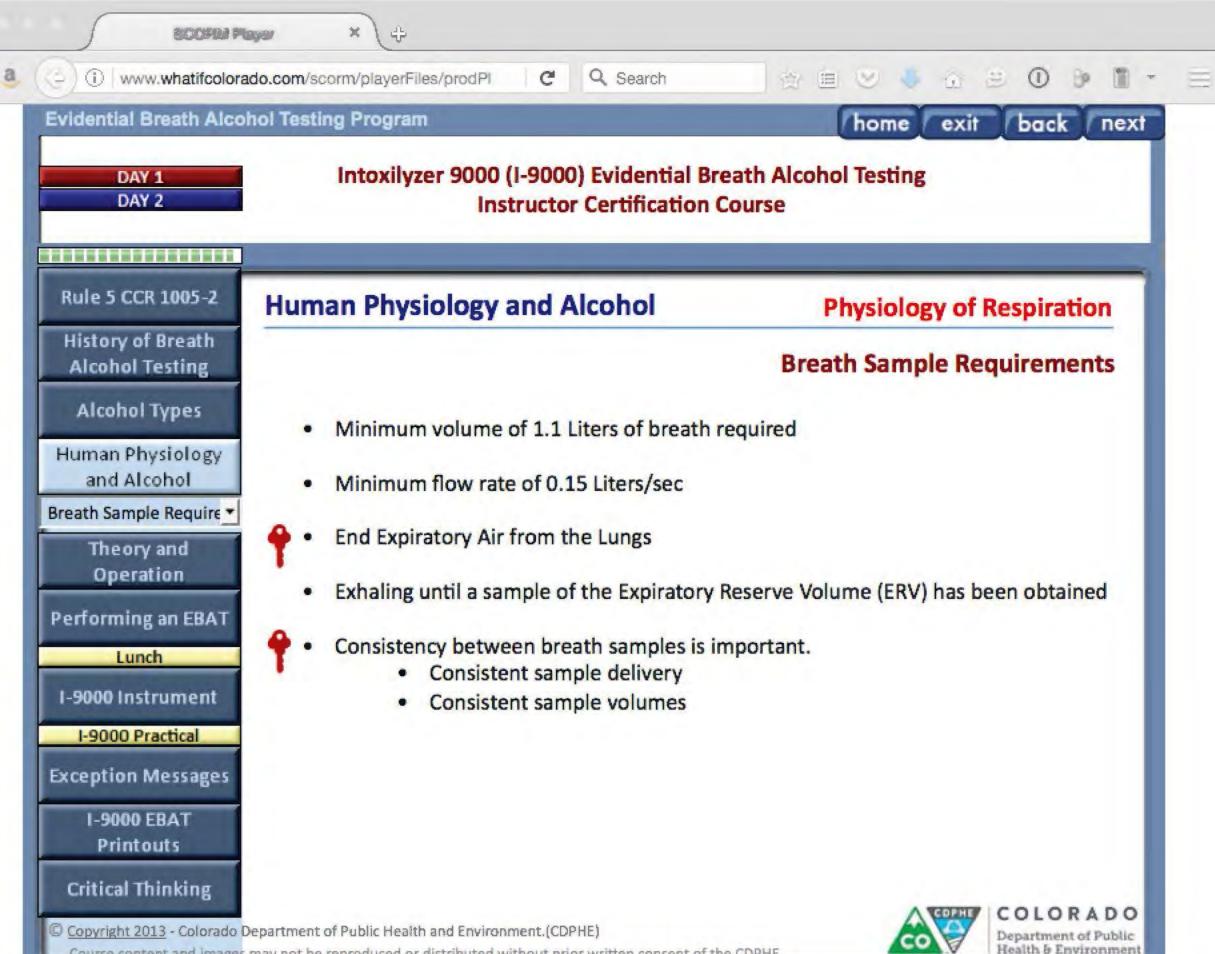
DAY 1 Intoxilyzer 9000 (I-9000) Evidential Bre	eath Alcohol Testing
DAY 2 Instructor Certification C	Course
Human Physiology and Alcohol	Visible Signs
Alcohol Types • Confusion	
and Alcohol Sleepiness	
Disorderly/sloppy appearance Theory and	
• Slurred, thick tongued speech	
Lunch Nausea	
Red, flushed face	
eption Messages • Glassy, watery eyes, staring	
1-9000 EBAT	

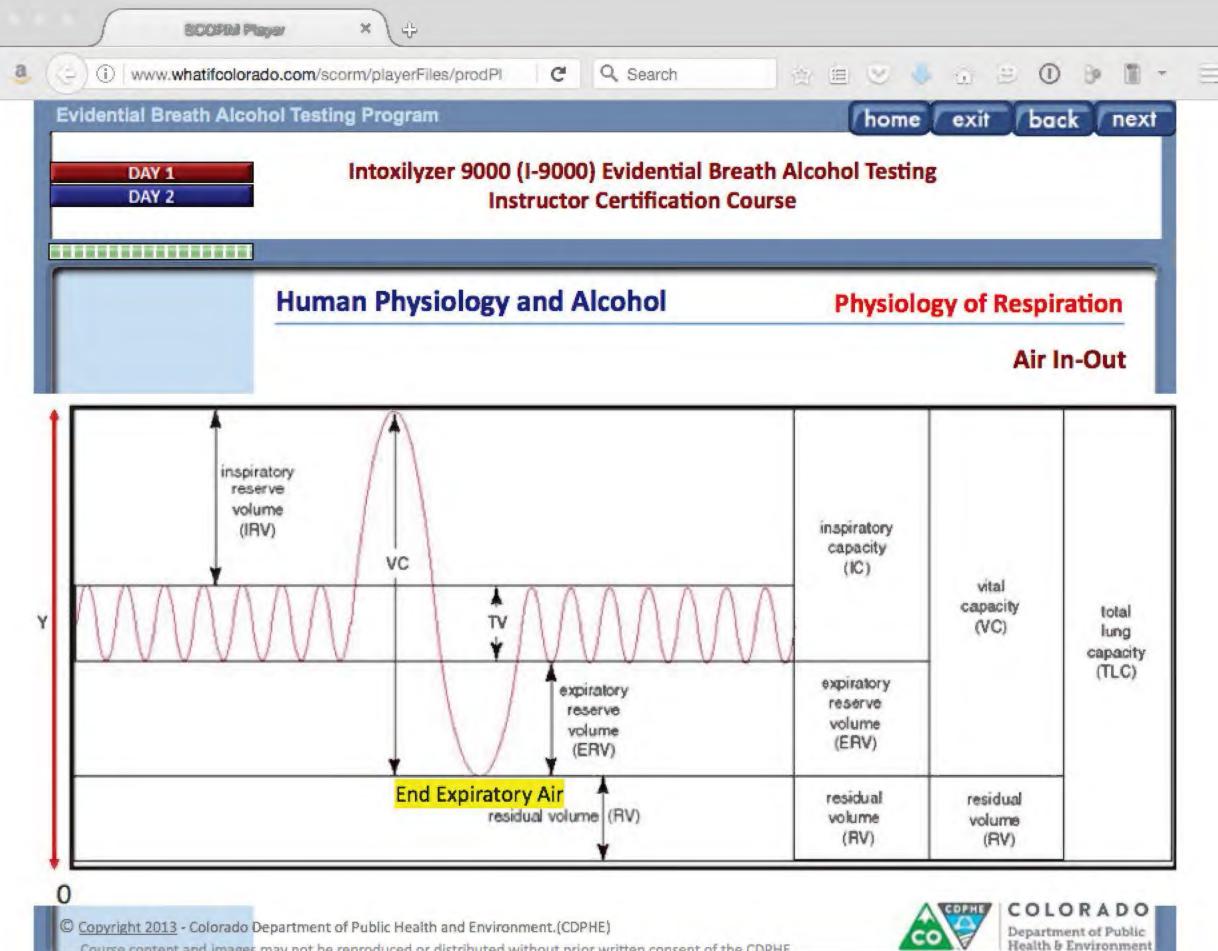


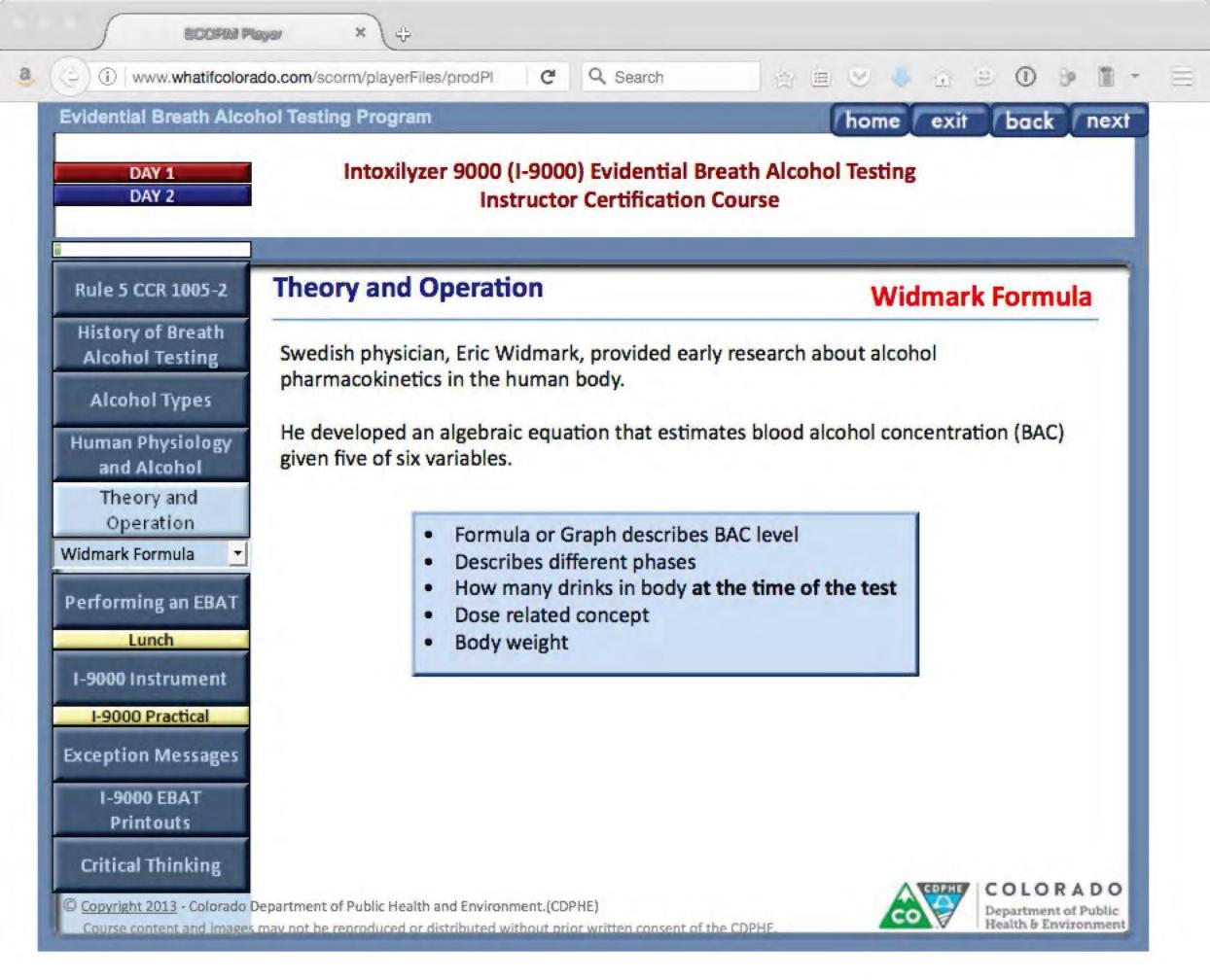


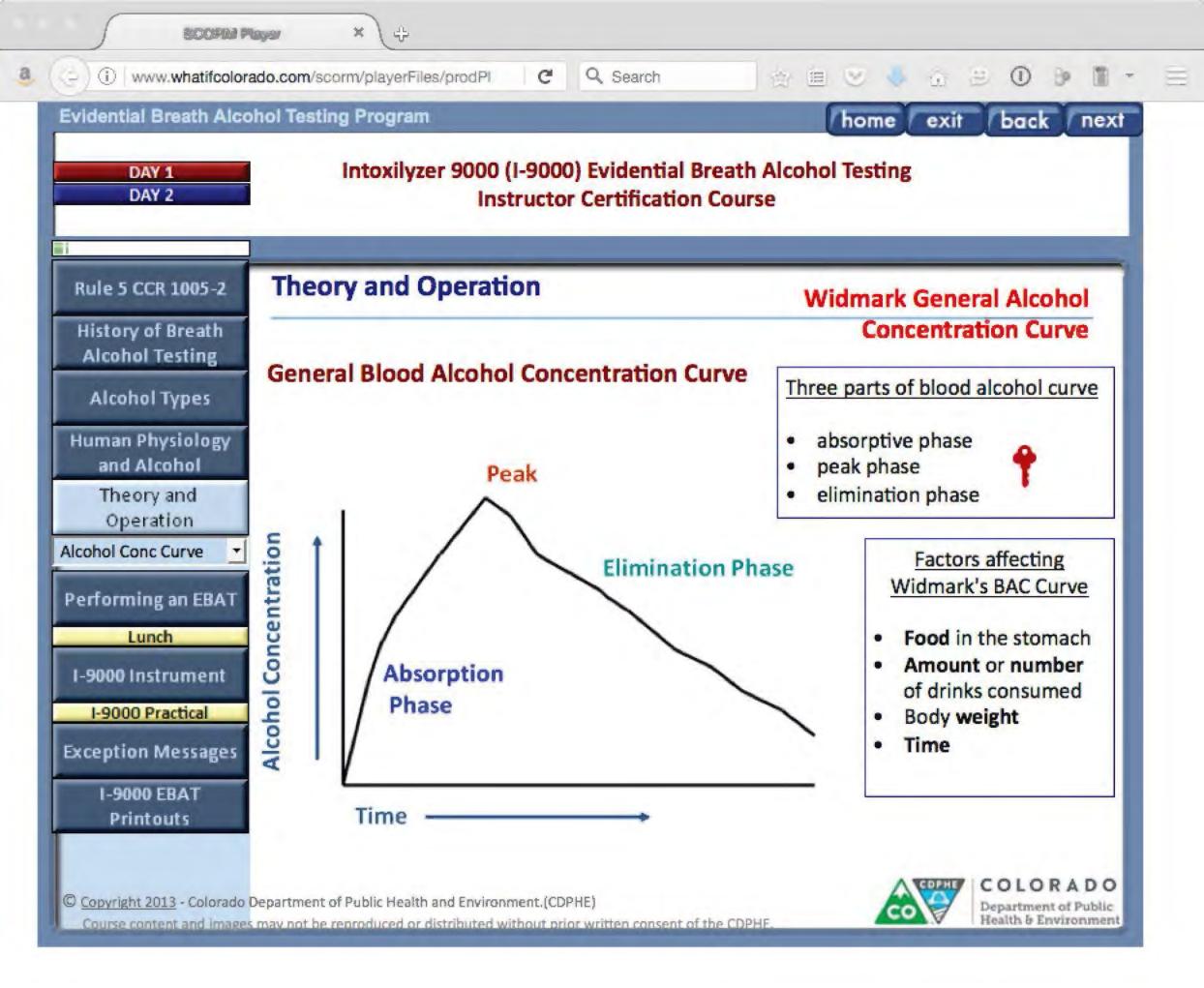
Evidential Breath Alco	ohol Testing Program	home exit back new
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Brea Instructor Certification Co	
Rule 5 CCR 1005-2	Human Physiology and Alcohol	Physiology of Respiration
History of Breath Alcohol Testing	Mechanism of Respiration	
Alcohol Types Human Physiology and Alcohol Mechanism of Respiral Theory and Operation Performing an EBAT Lunch I-9000 Instrument I-9000 Practical Exception Messages I-9000 EBAT Printouts	 During exhalation, air is forced out of the alver the lungs into the person's breath. During exhalation, air first emerges from the r and upper airway, then the lungs. The highest alcohol concentration in the lungs of the lungs, where the air is in its closest prov When a person exhales completely, the "deep expiratory" air) leaves the lungs last. This is w of alveolar air is located. 	mouth/nasal area, then the throat s is found in the deepest portion ximity to the blood. o" lung air (also known as the "end

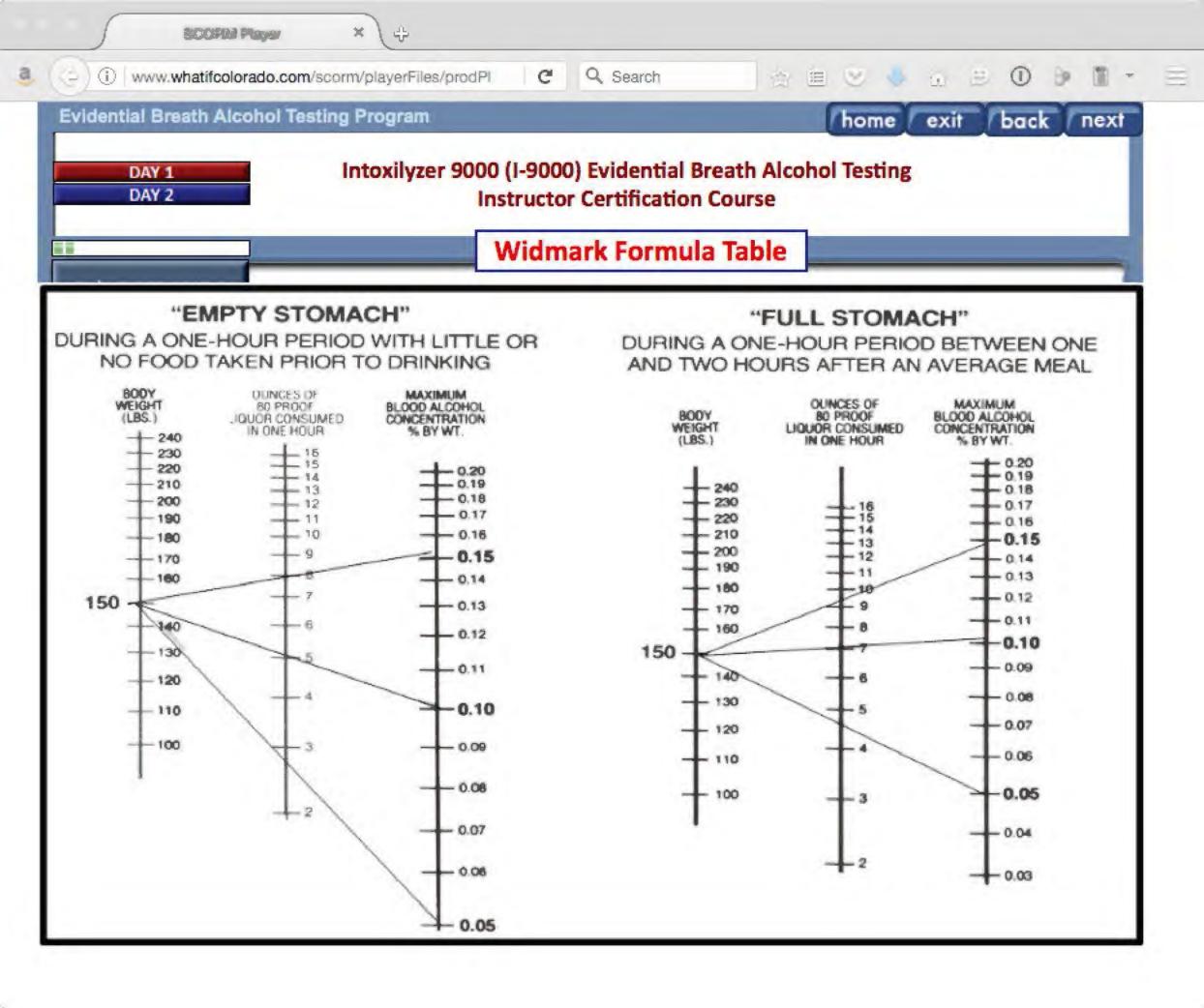


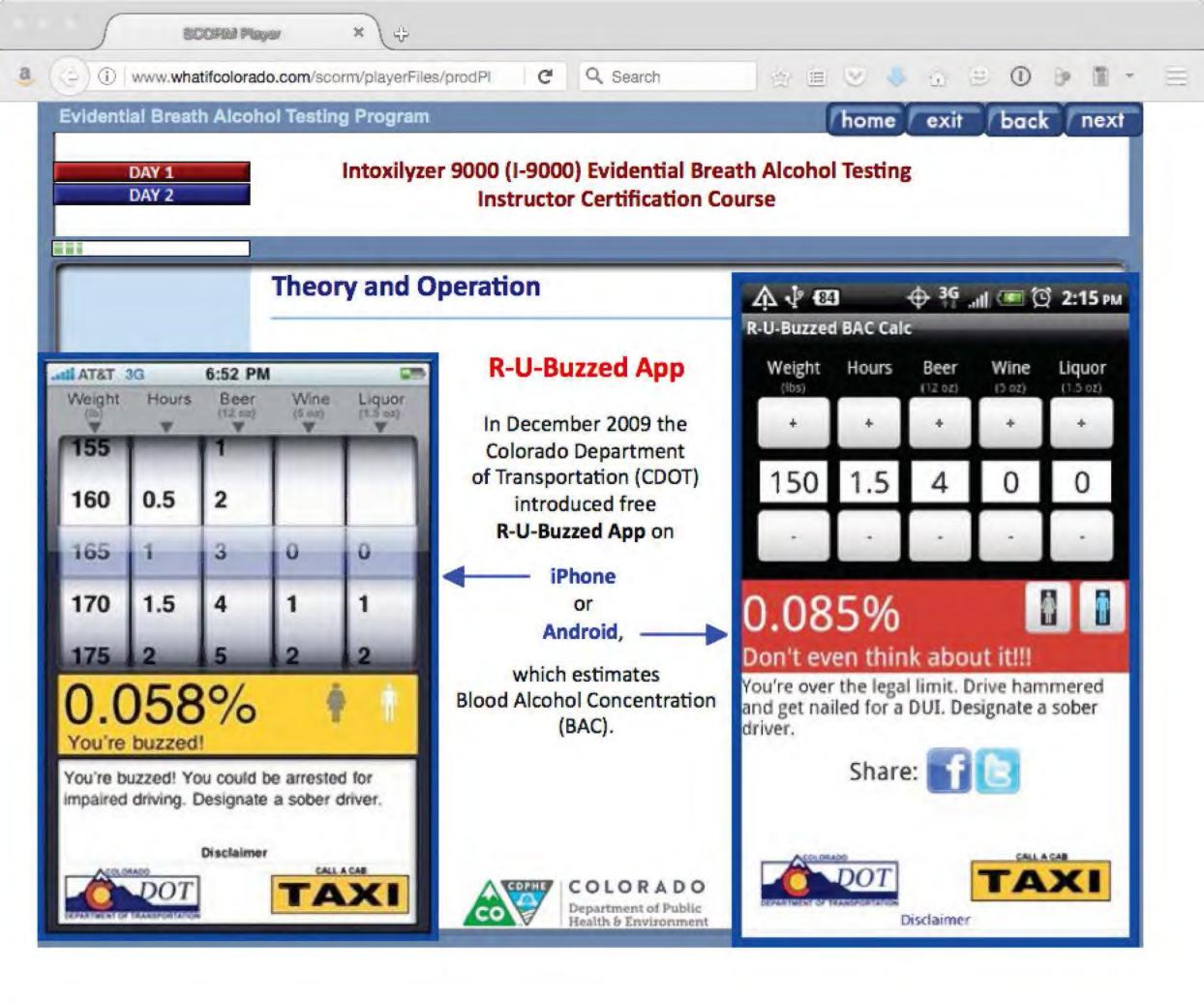


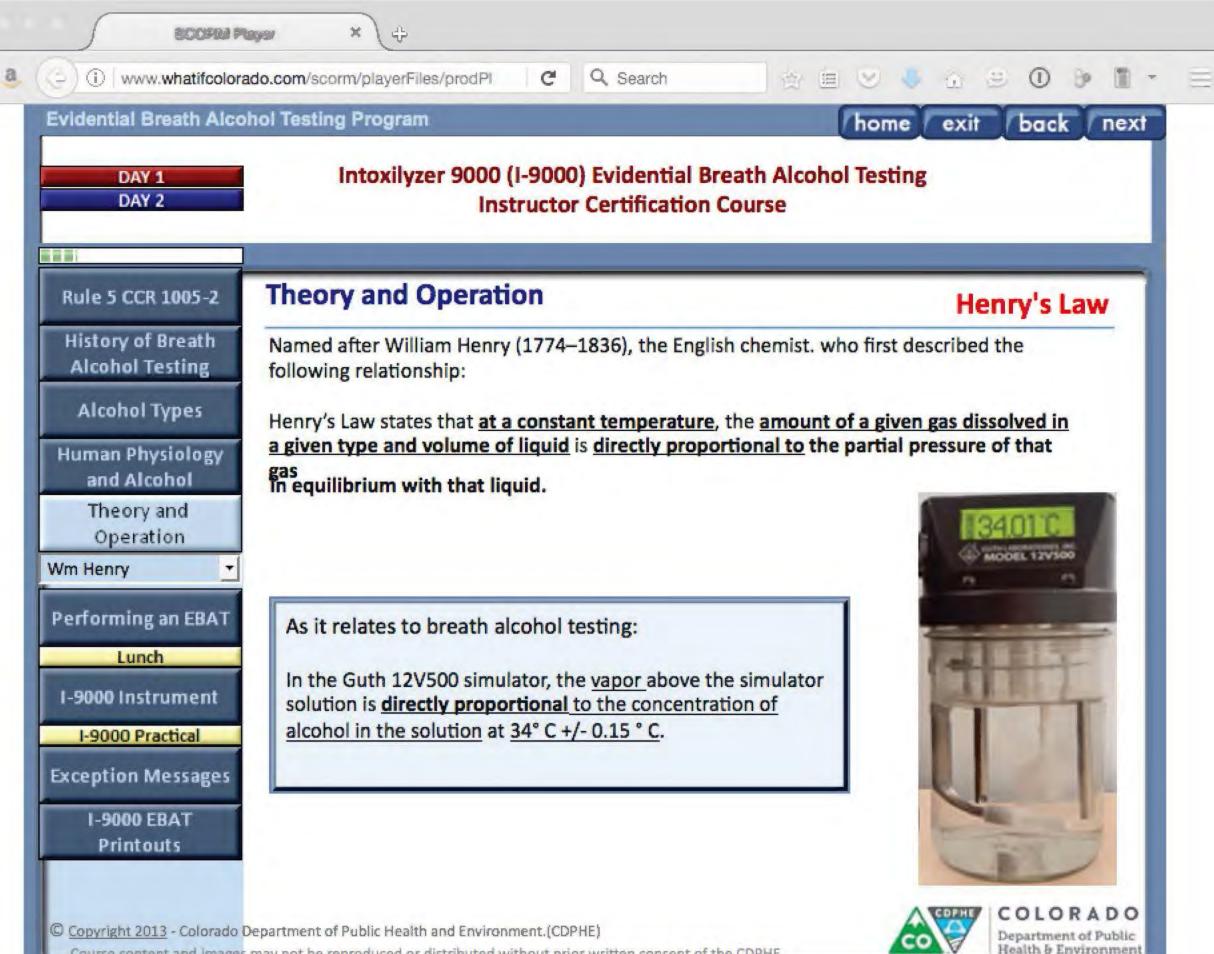


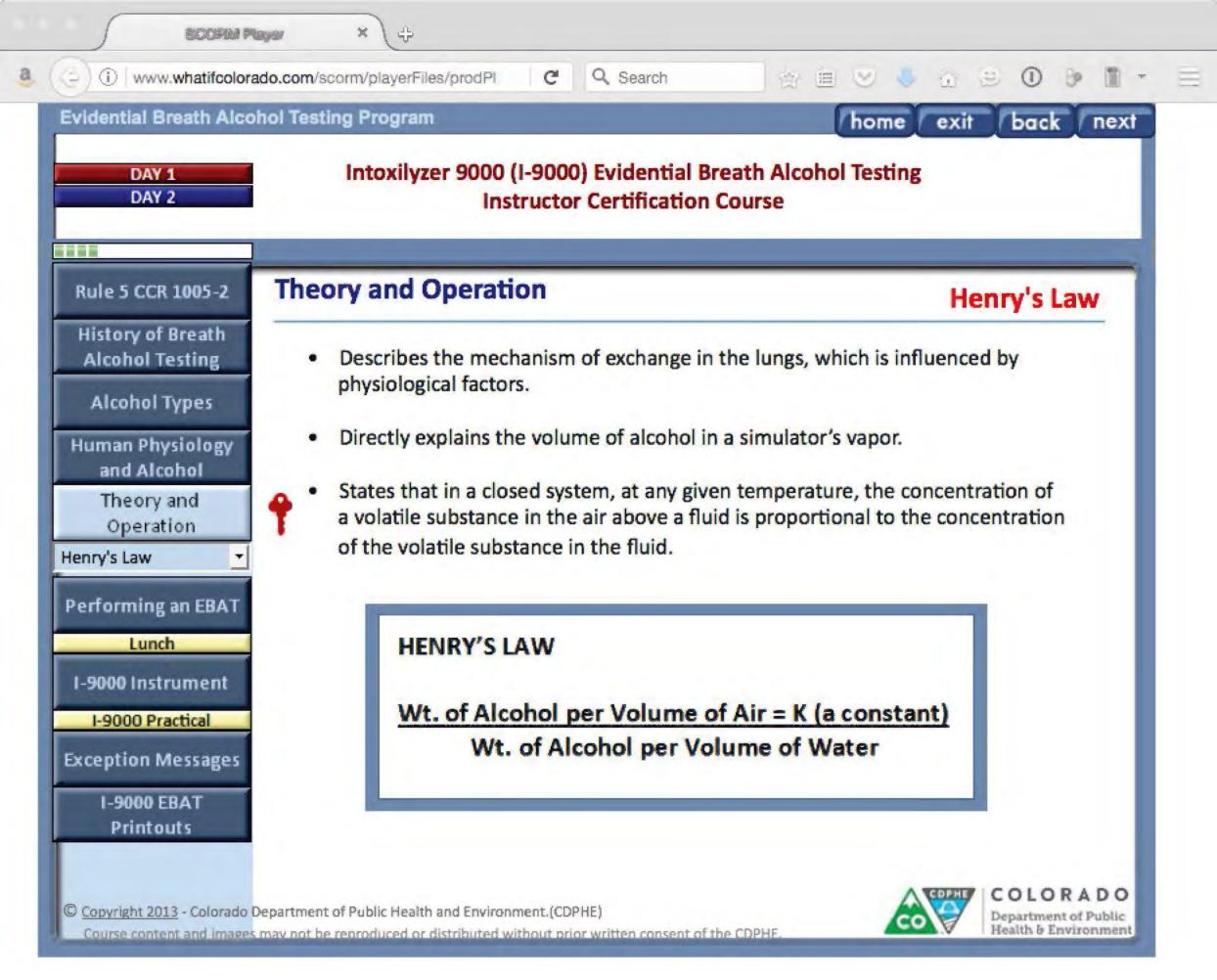


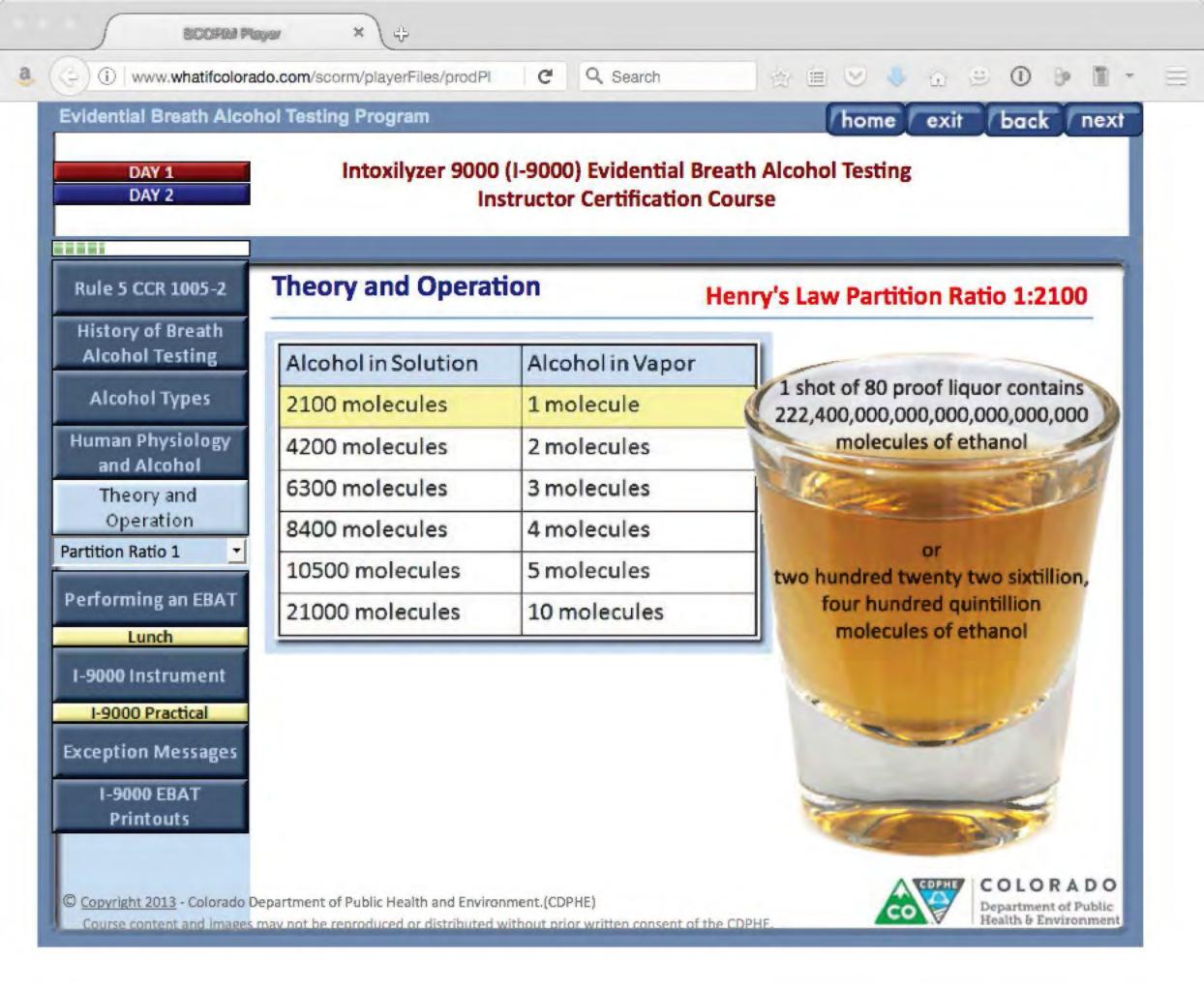


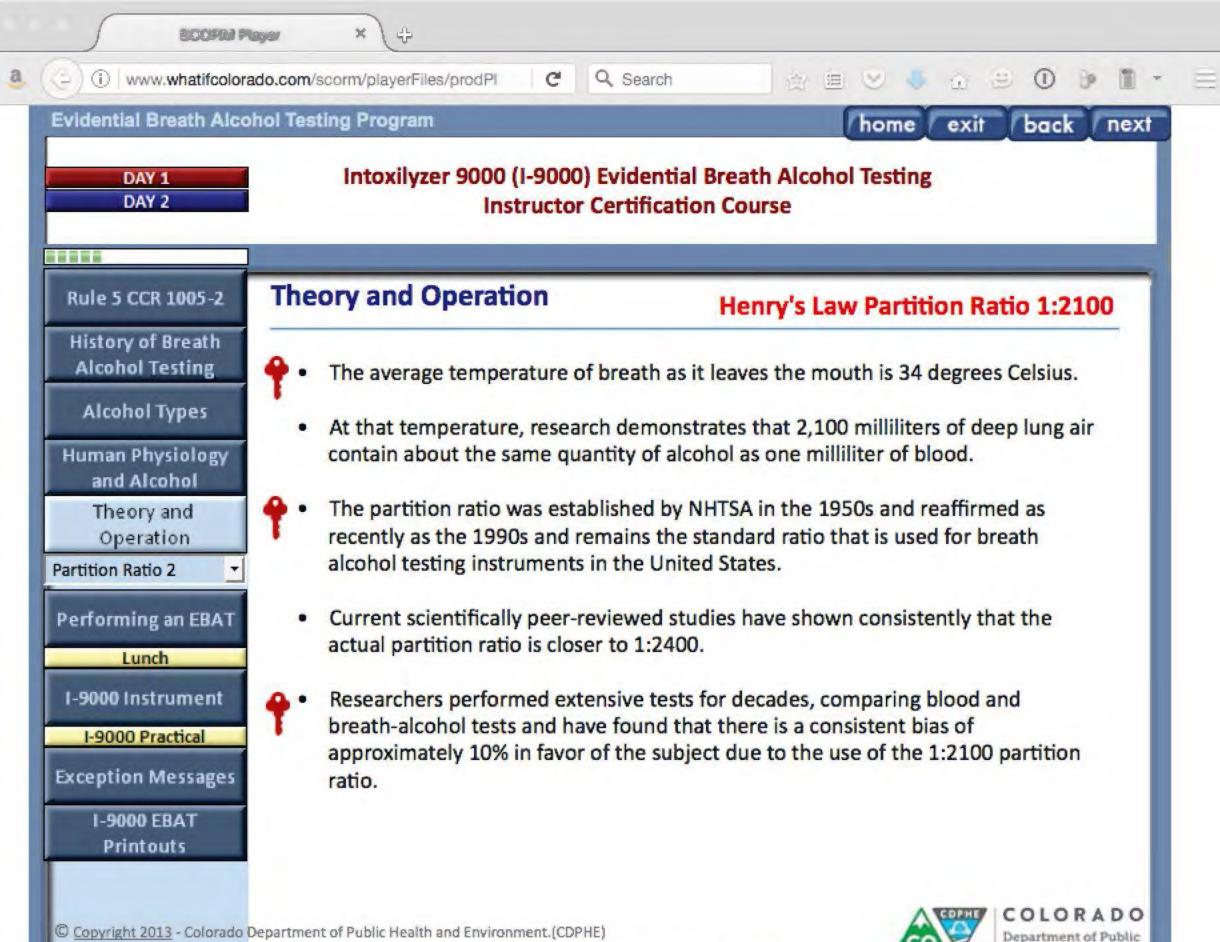




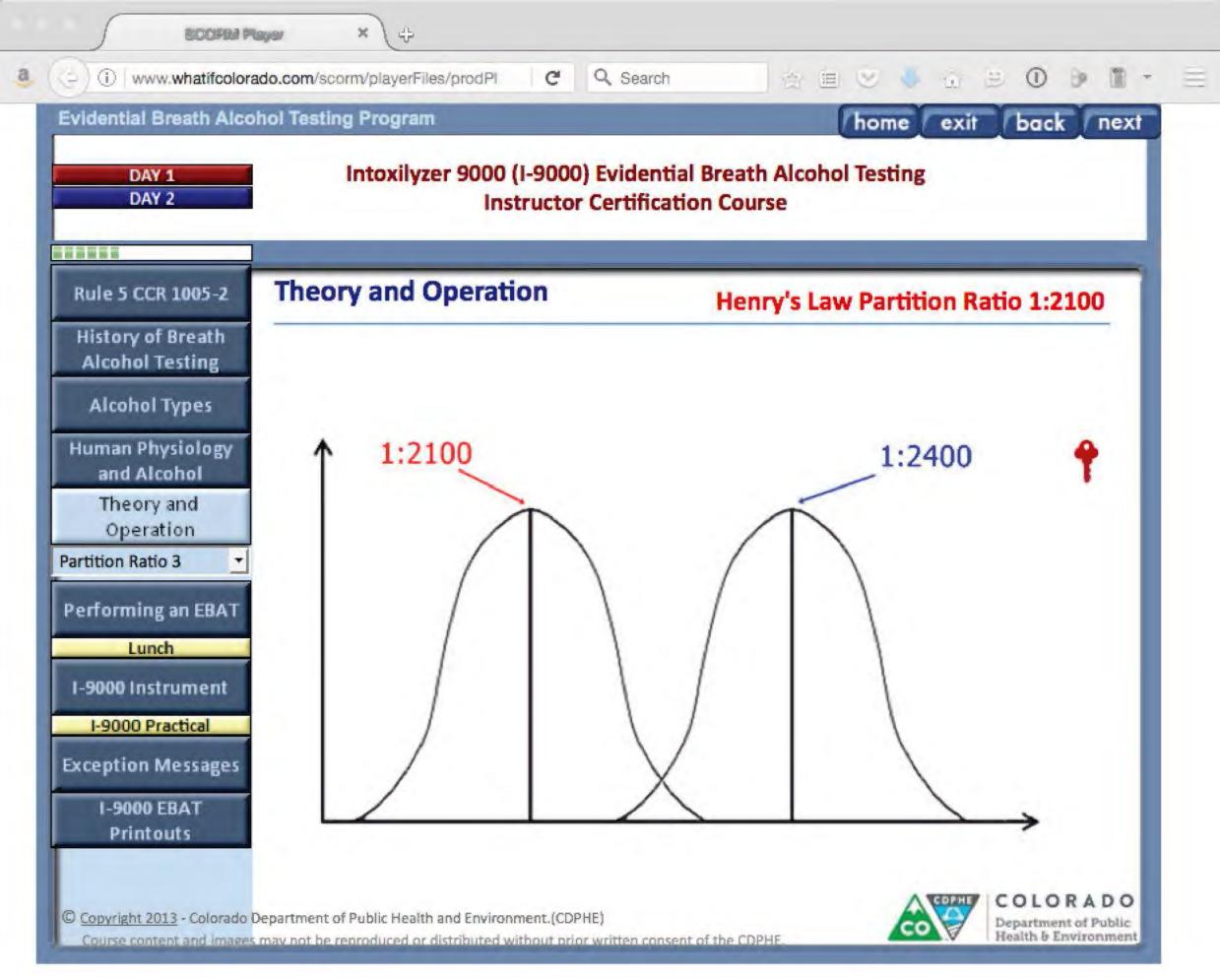






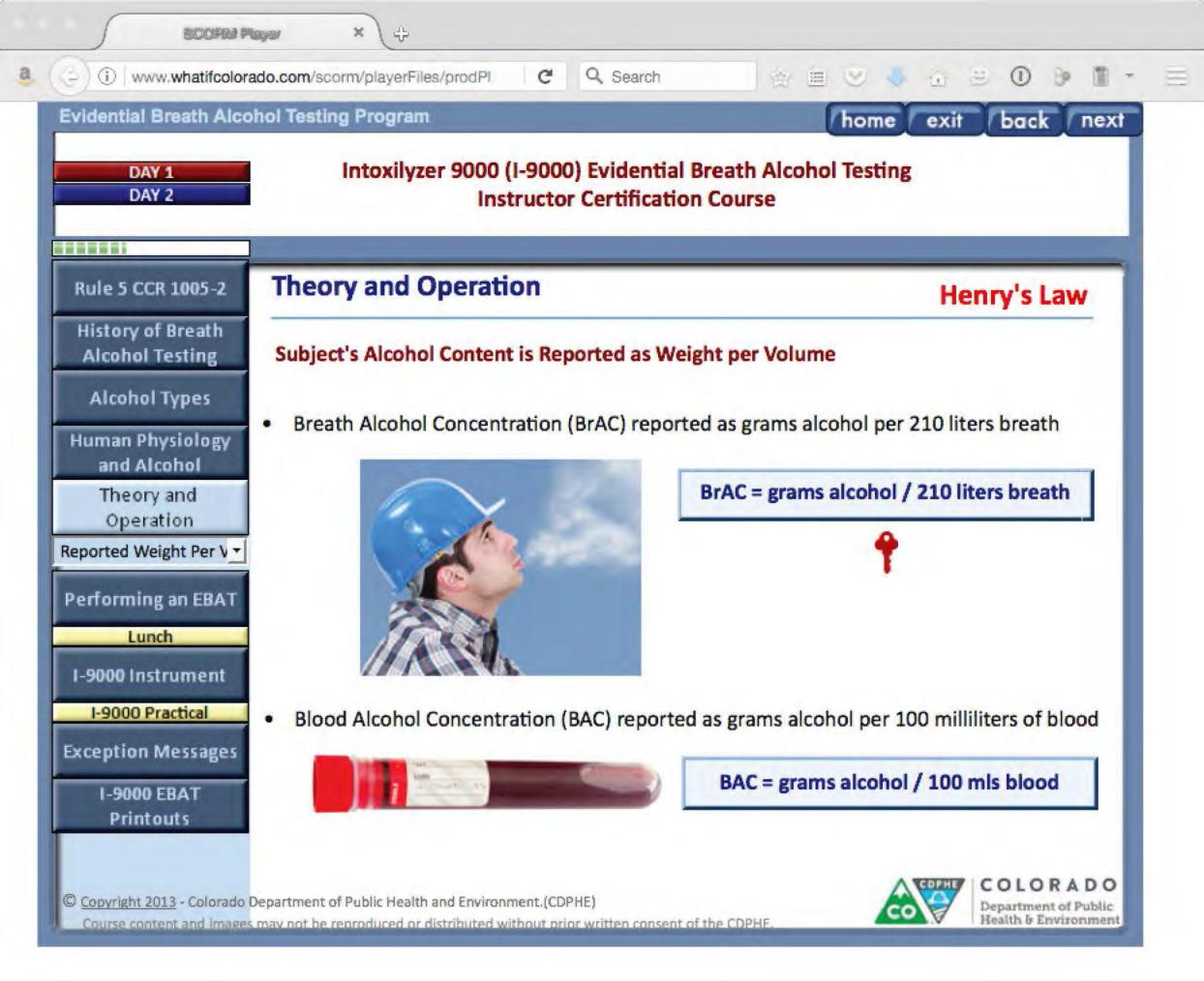


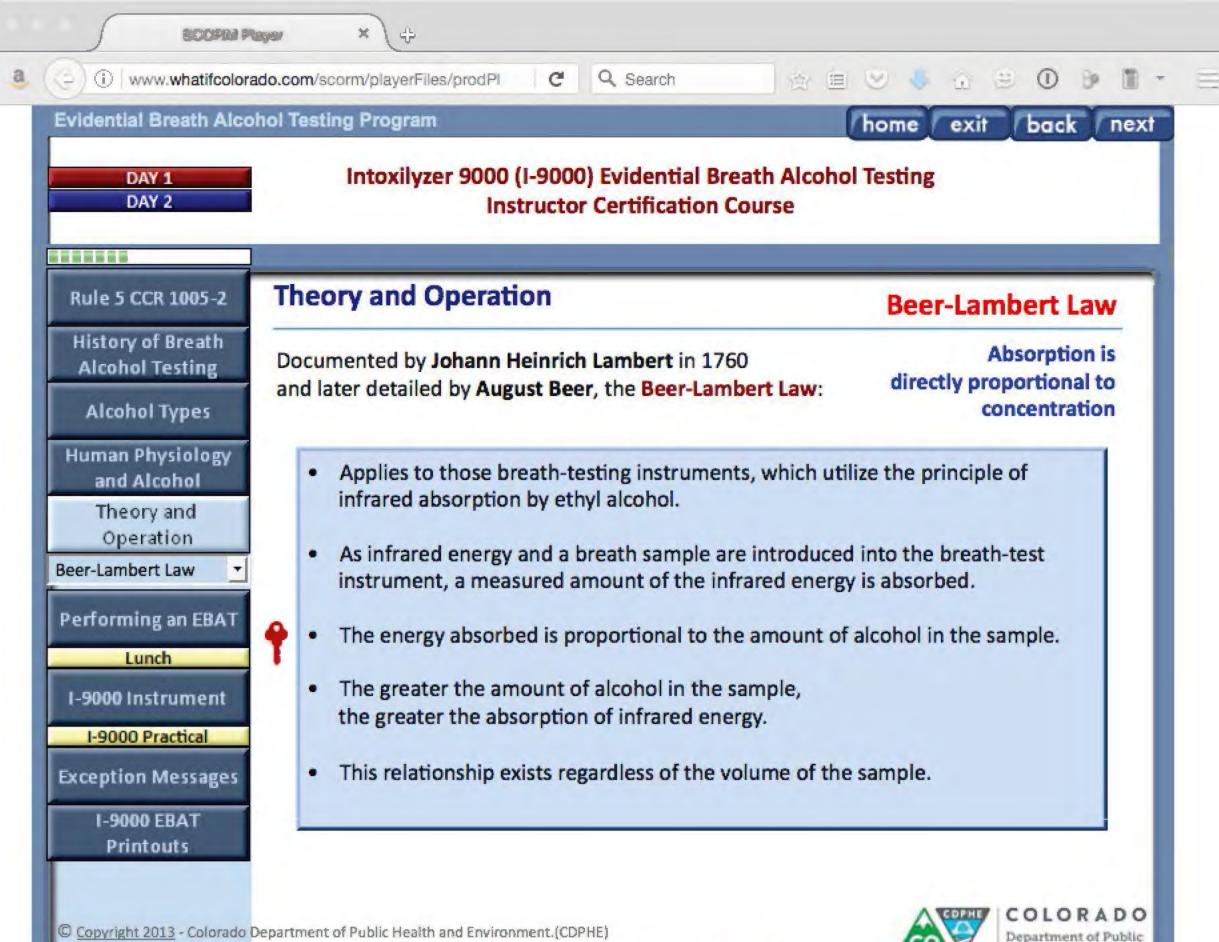
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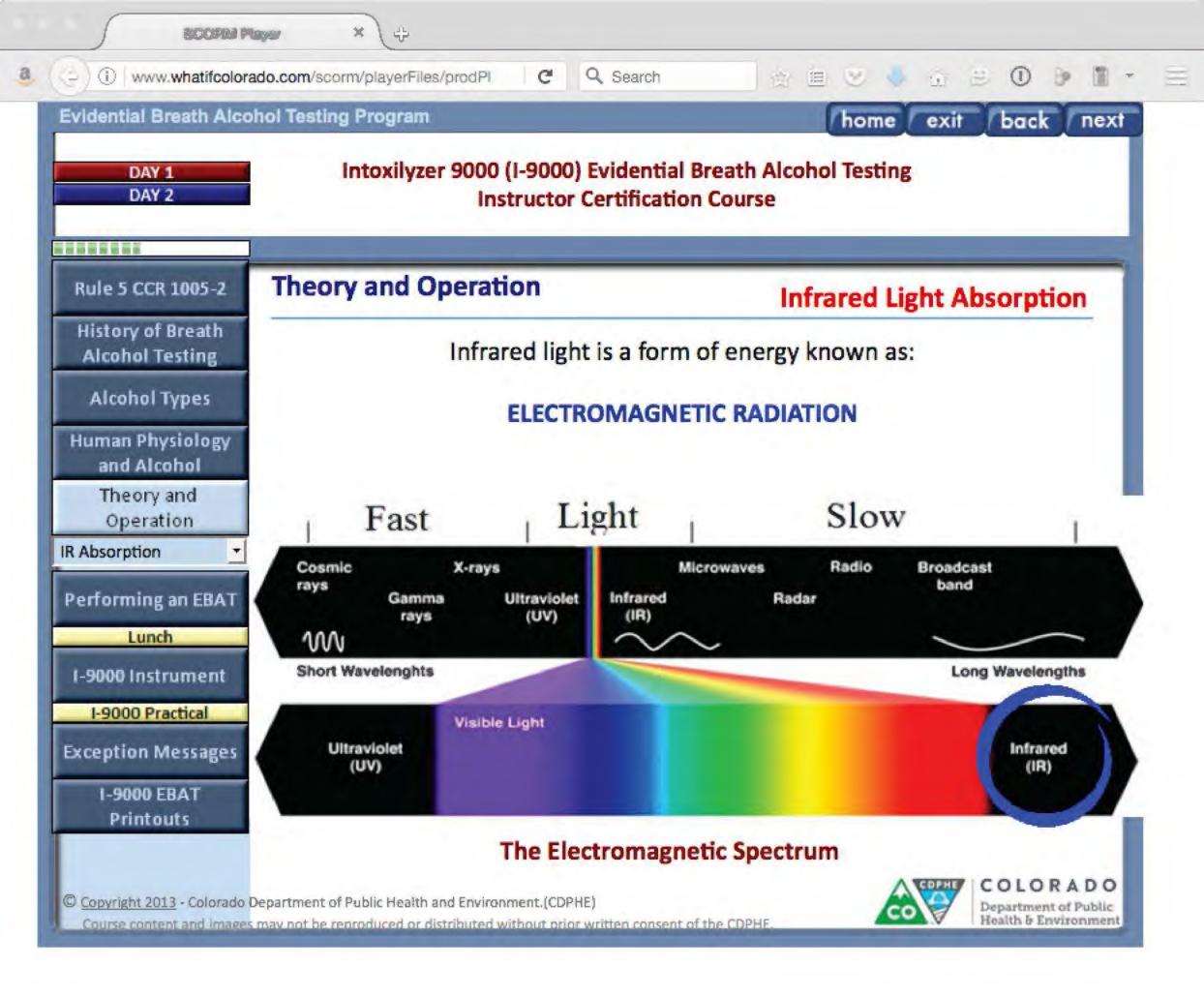
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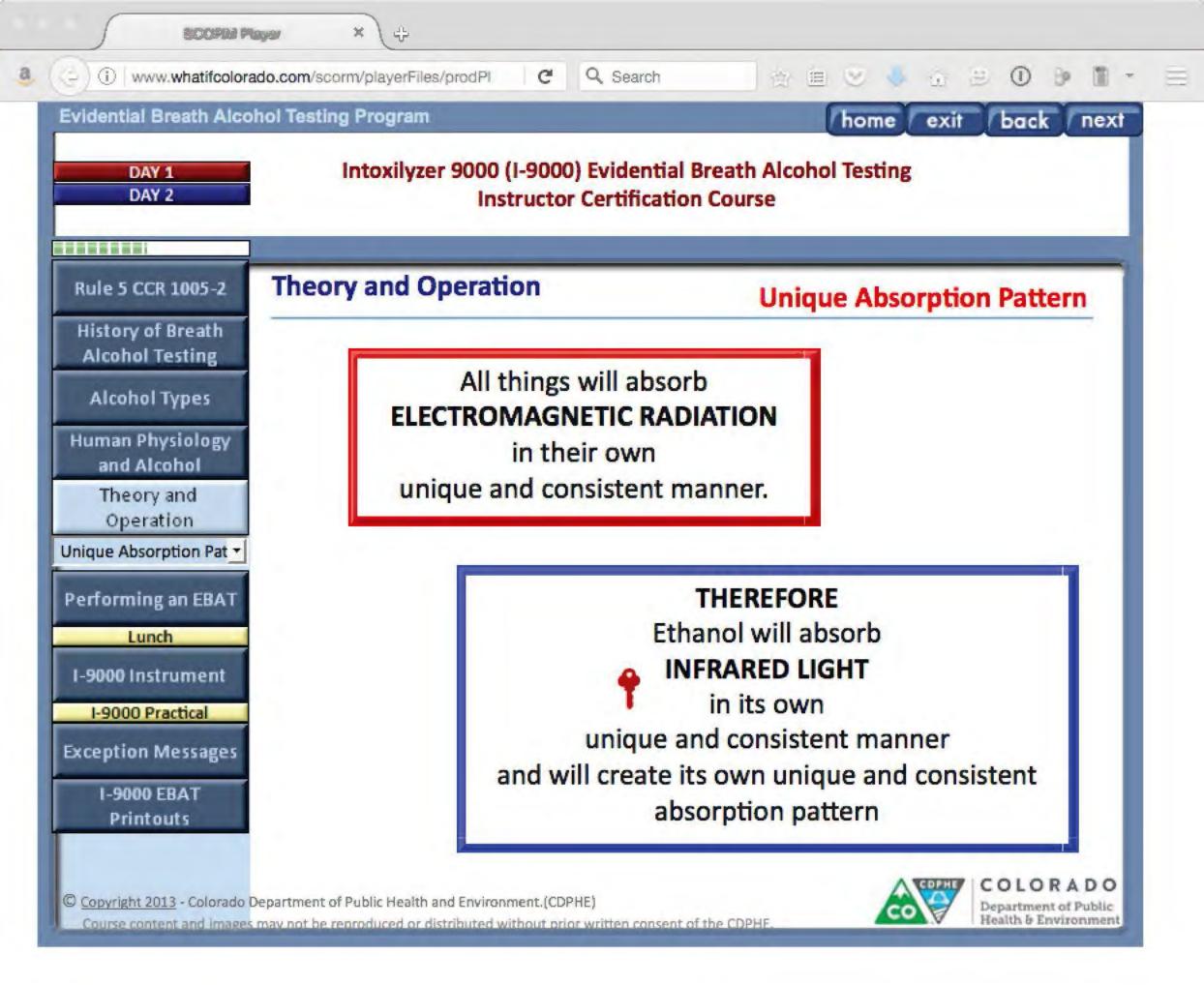
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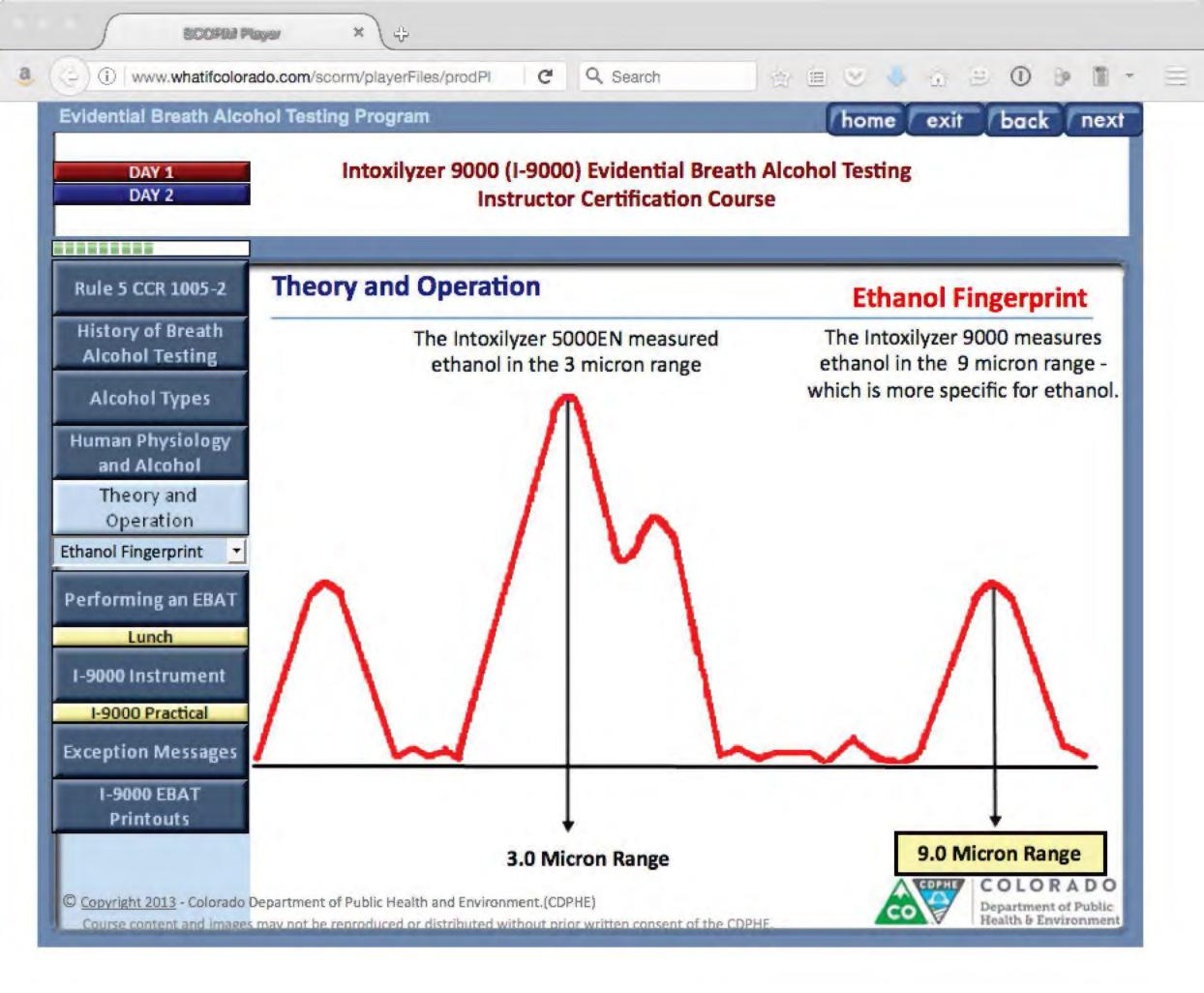


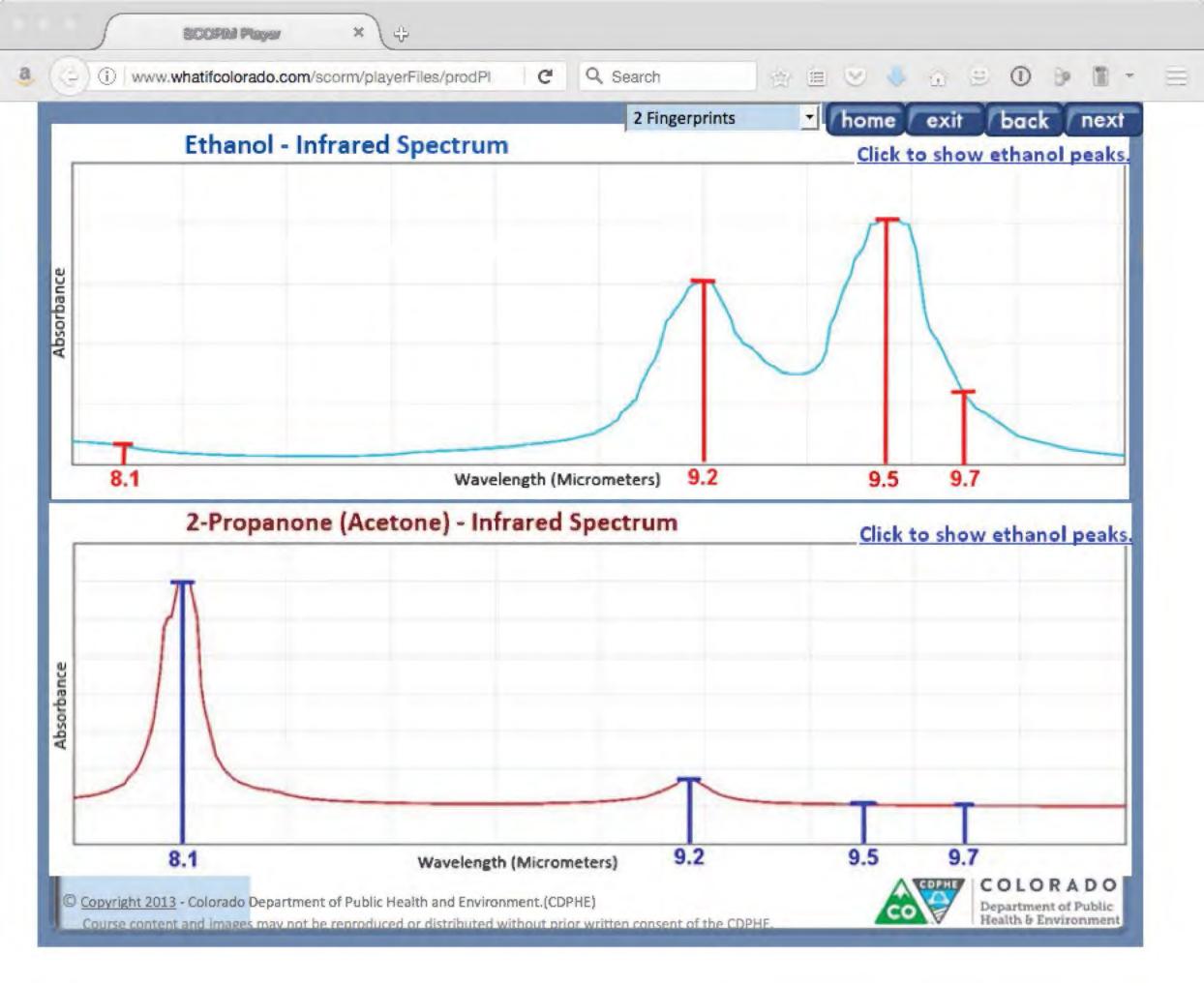


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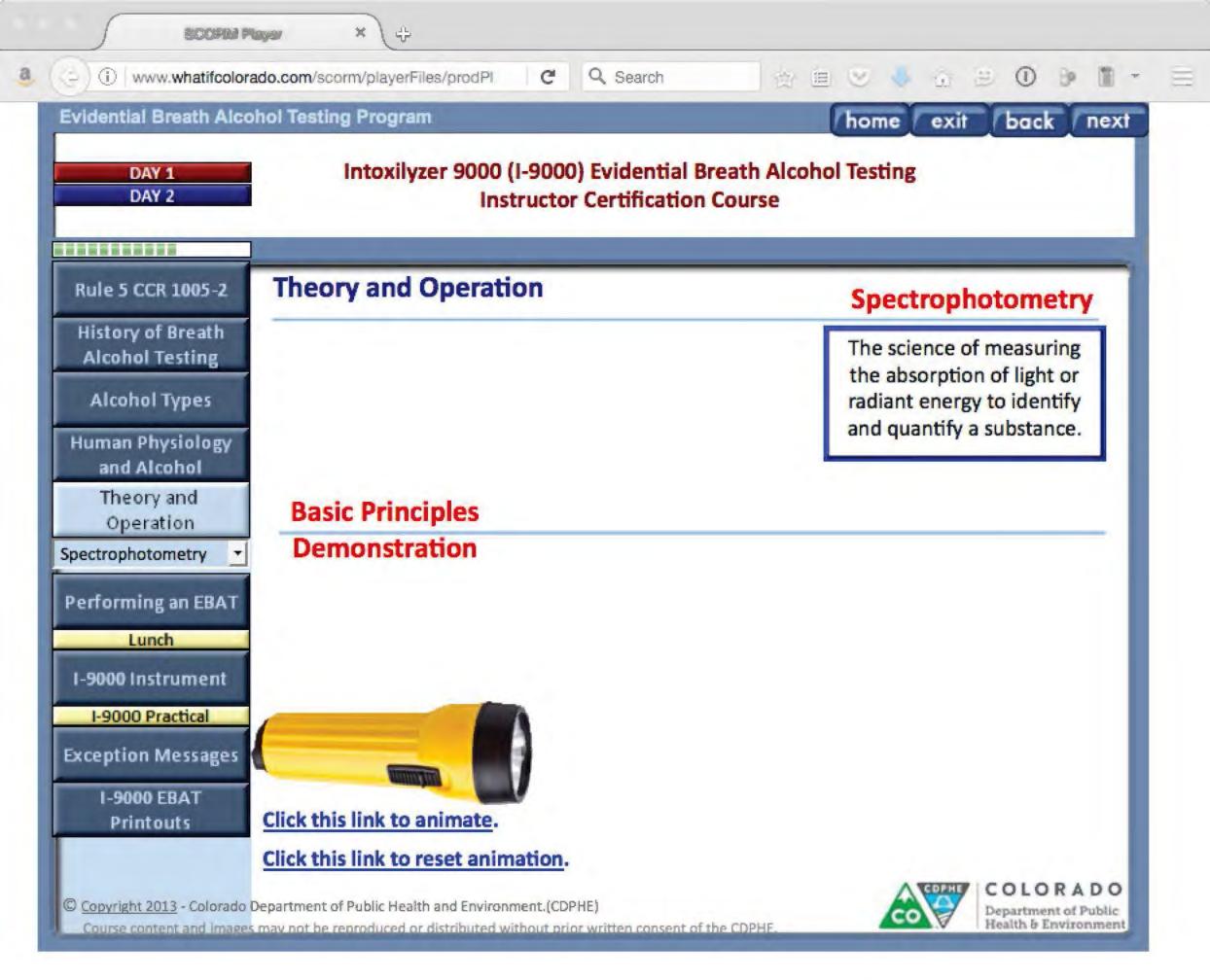


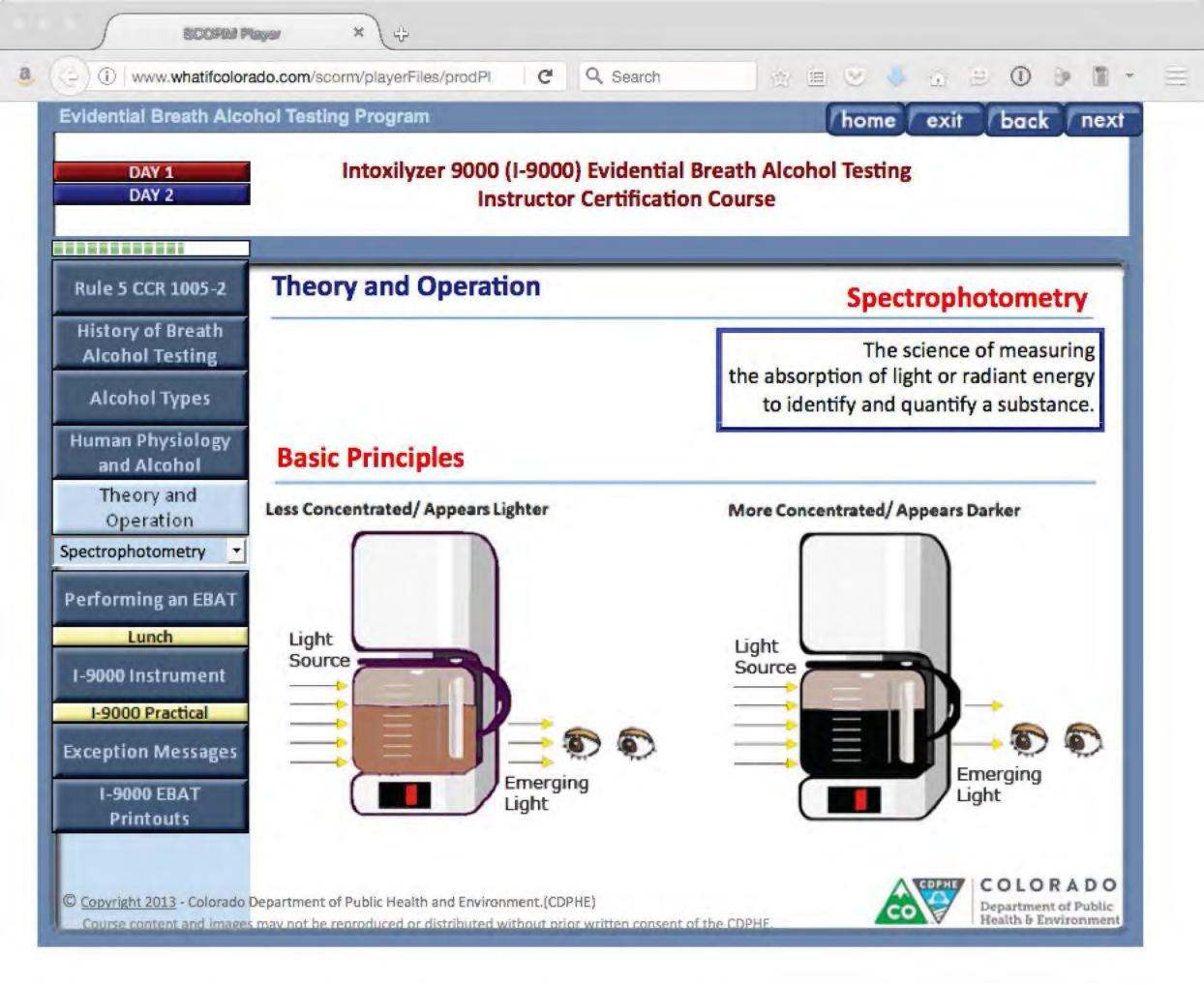


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Evidential Breath Alcohol Testing Program		home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Instructor Certificatio	
Rule 5 CCR 1005-2	Theory and Operation	Interferent Detection
History of Breath Alcohol Testing Alcohol Types Human Physiology and Alcohol Theory and Operation Interferents Performing an EBAT Lunch I-9000 Instrument I-9000 Practical Exception Messages I-9000 EBAT Printouts	The I-9000 has the ability to detect substant The I-9000 compares the detector response Whenever disparity between the four filter substance as something other than ethano sequence reporting: "Interferent Detected The I-9000 will not report what the other si The EBAT Program verifies the I-9000 Interf Calibration Verification procedure and this	se at each of the micron measurements. In soccur, the I-9000 will identify the of and immediately discontinue the test d". substance is.
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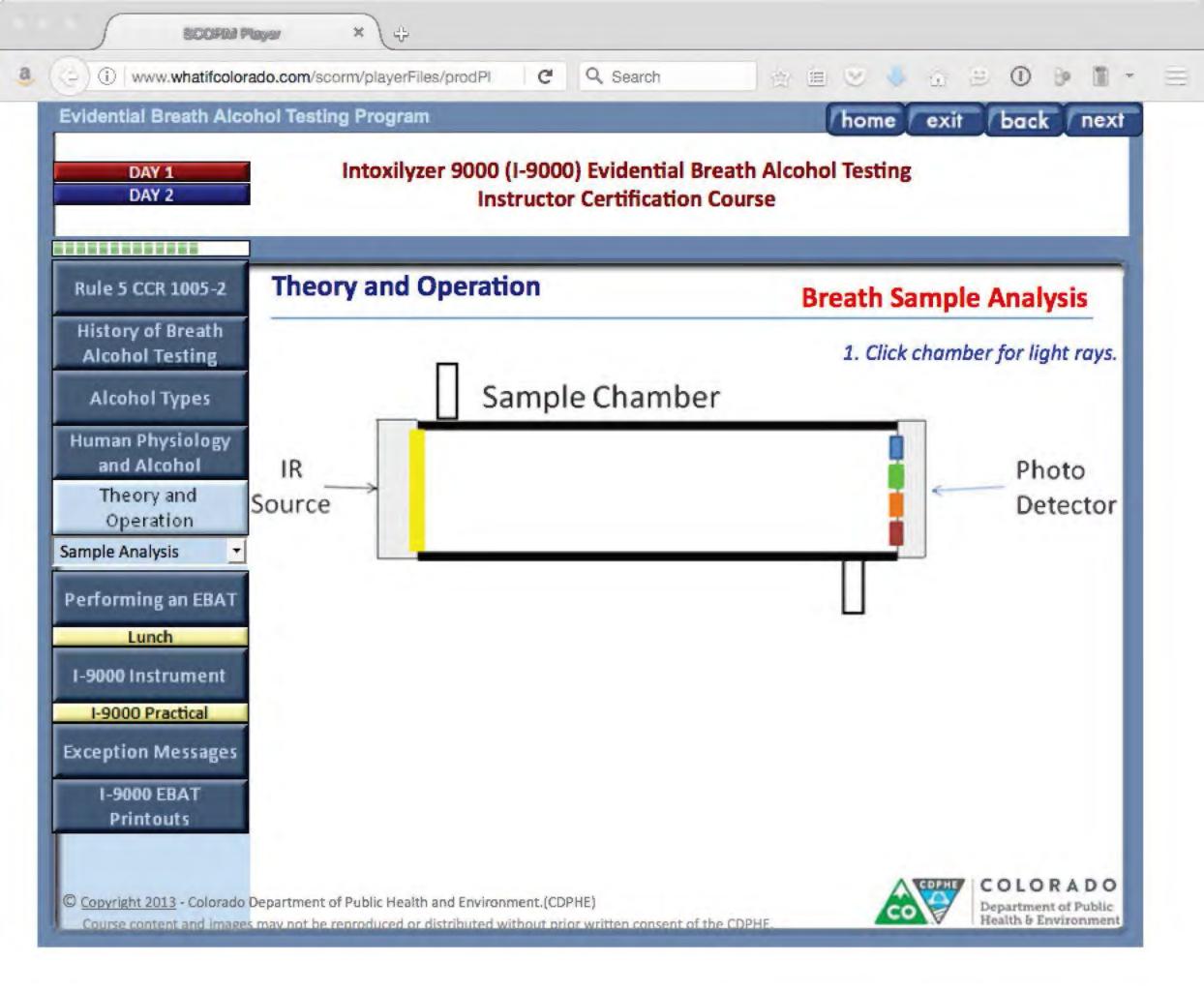


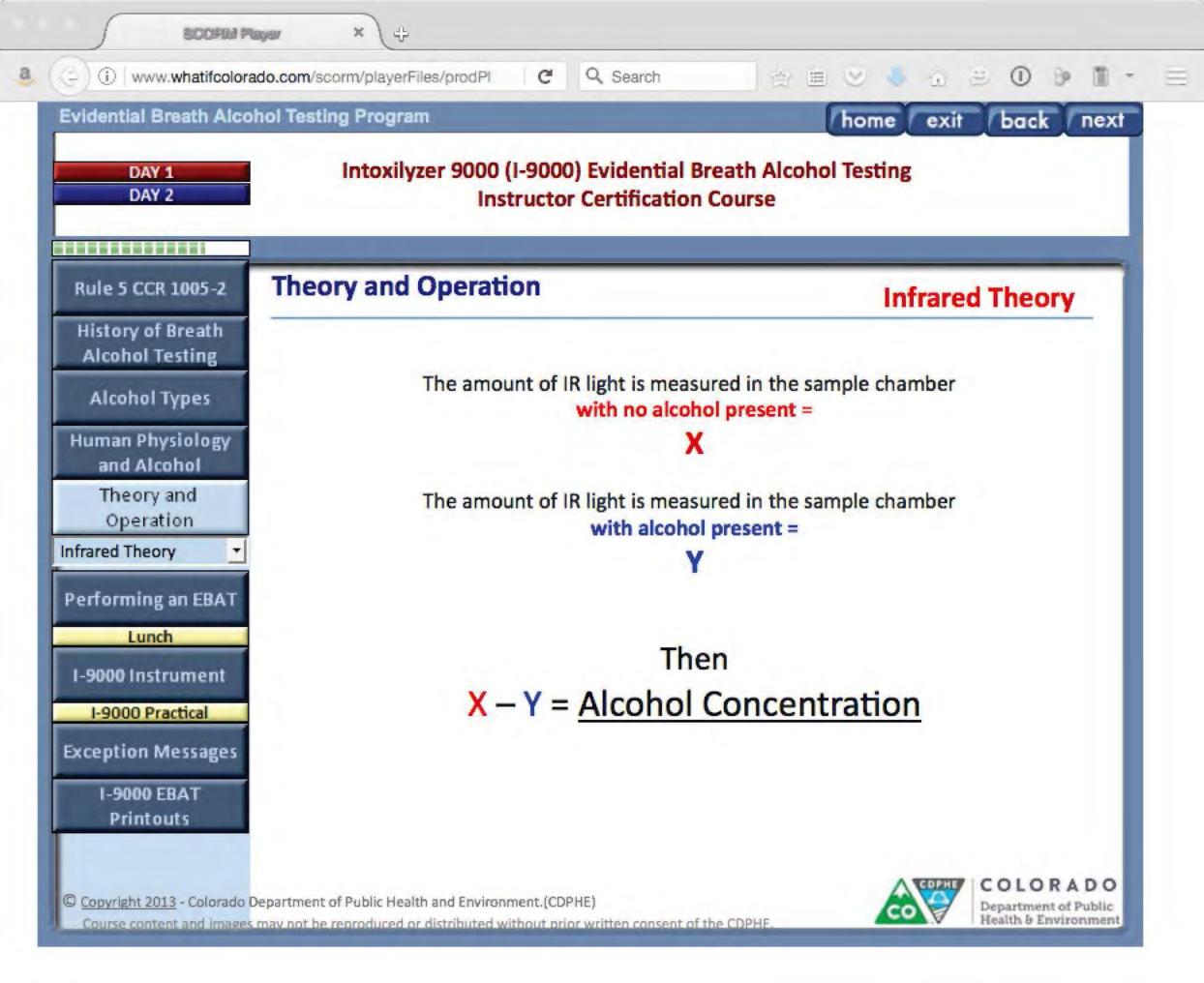


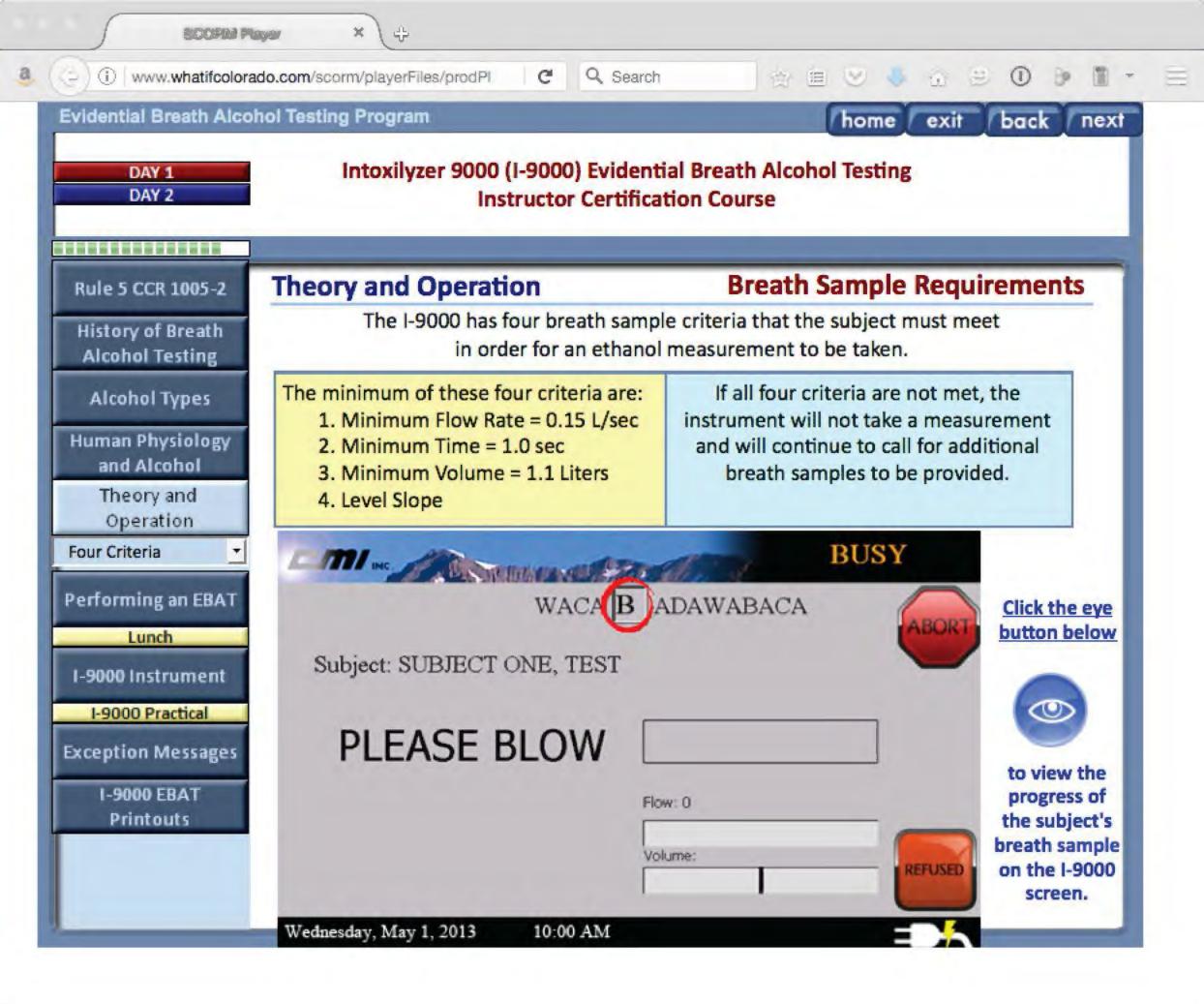


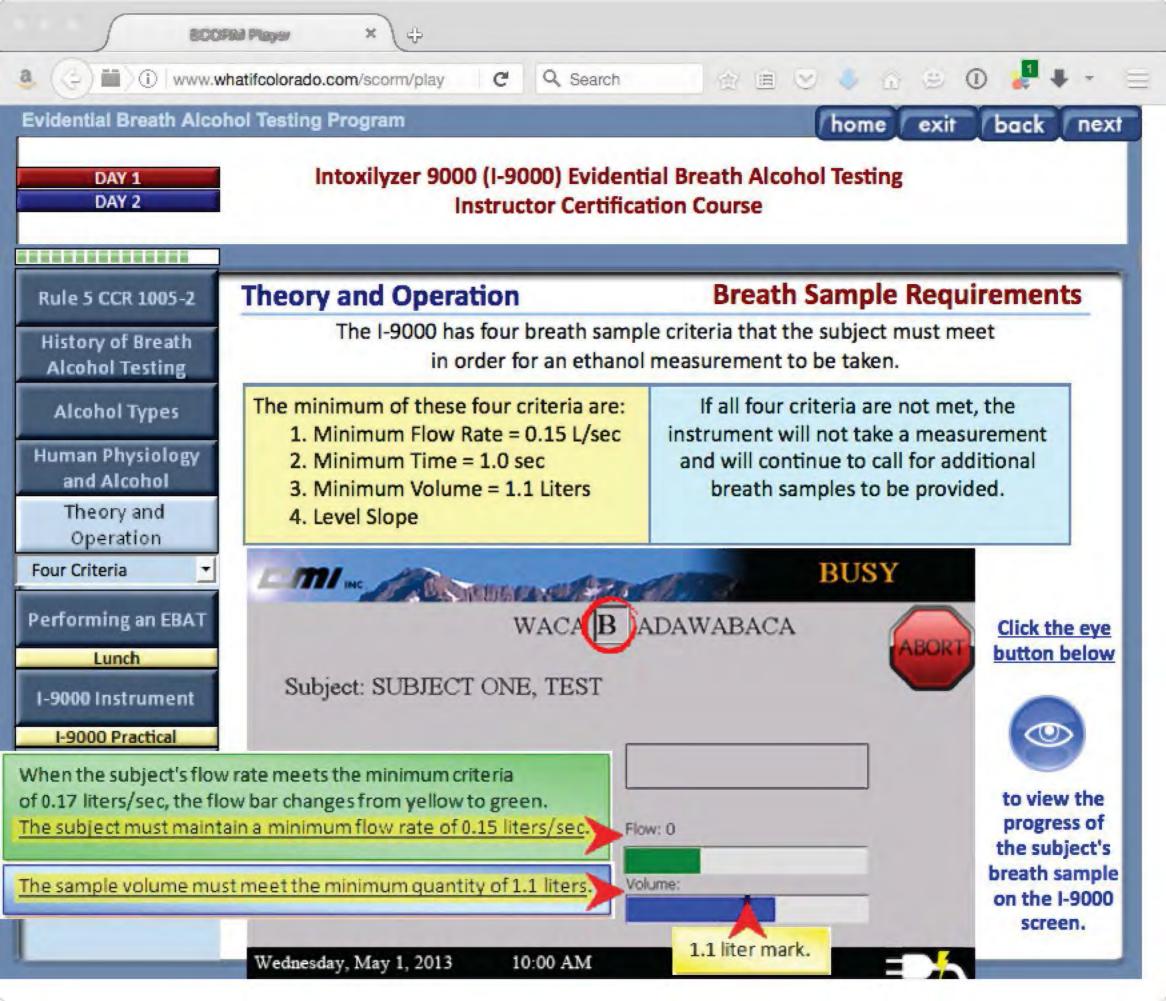
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vidential Breath Alc	ohol Testing Program	home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidenti Instructor Certificat	
Rule 5 CCR 1005-2	Theory and Operation	Spectrophotometer
History of Breath Alcohol Testing Alcohol Types Human Physiology and Alcohol	Spectrophotometer: 1-9000	An instrument that is able to use light or radiant energy to identify and quantify a substance.
Theory and Operation pectrophotometer • Performing an EBAT	The I-9000 operates on the principles of spectrophotometry.	An example of a common use of spectrophotometry is paint color matching machines in hardware stores.
Lunch I-9000 Instrument I-9000 Practical		
xception Messages I-9000 EBAT Printouts		

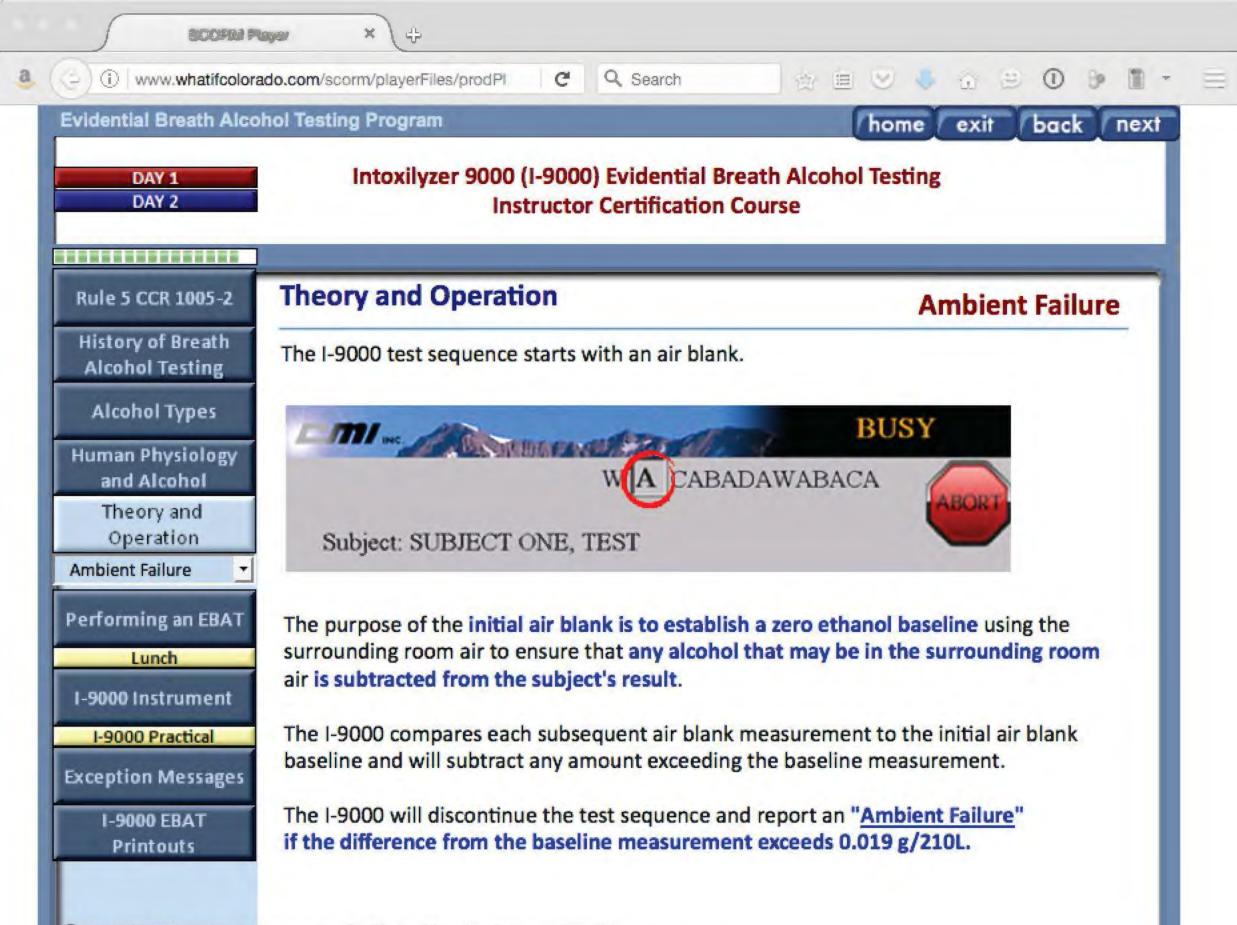






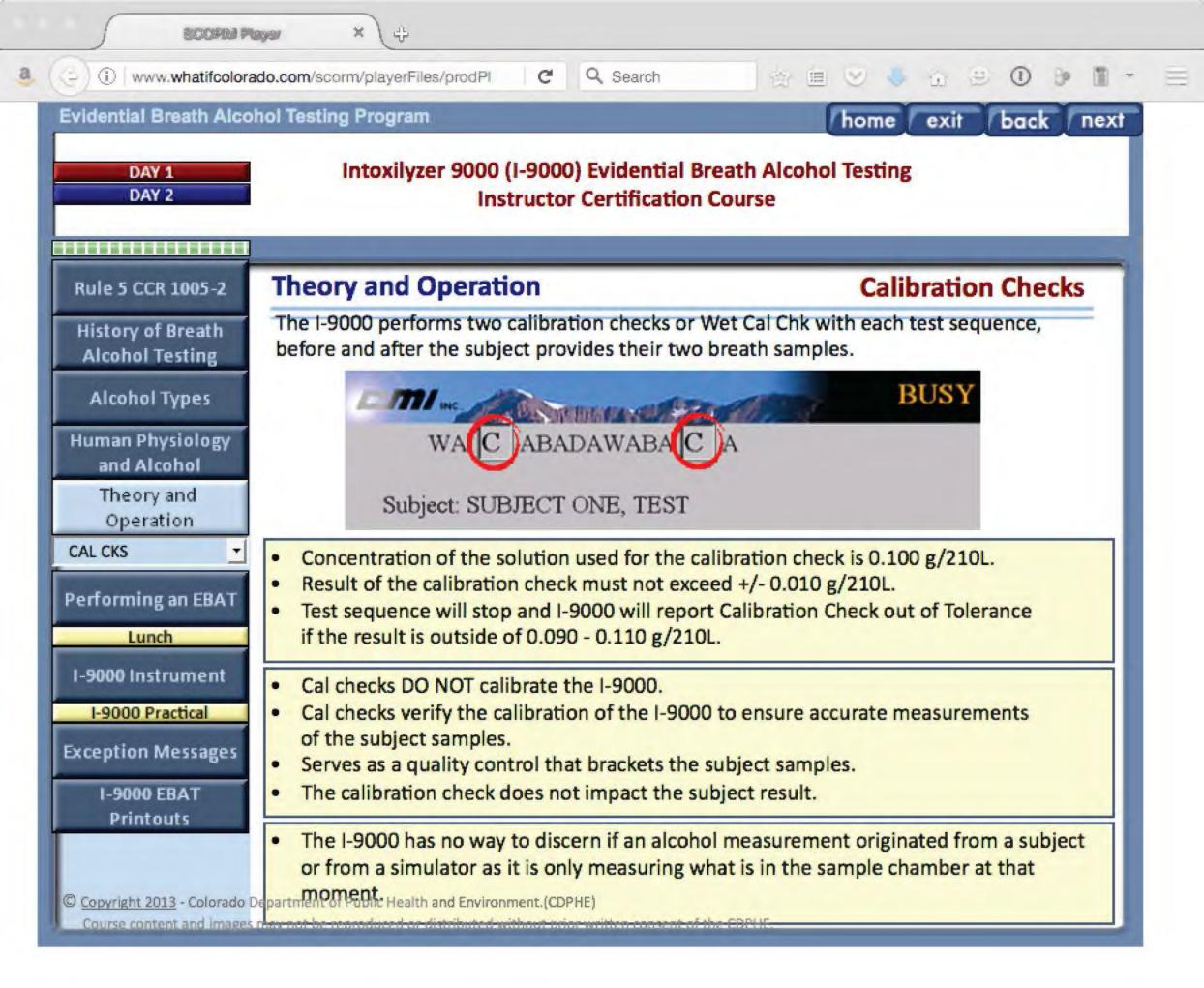


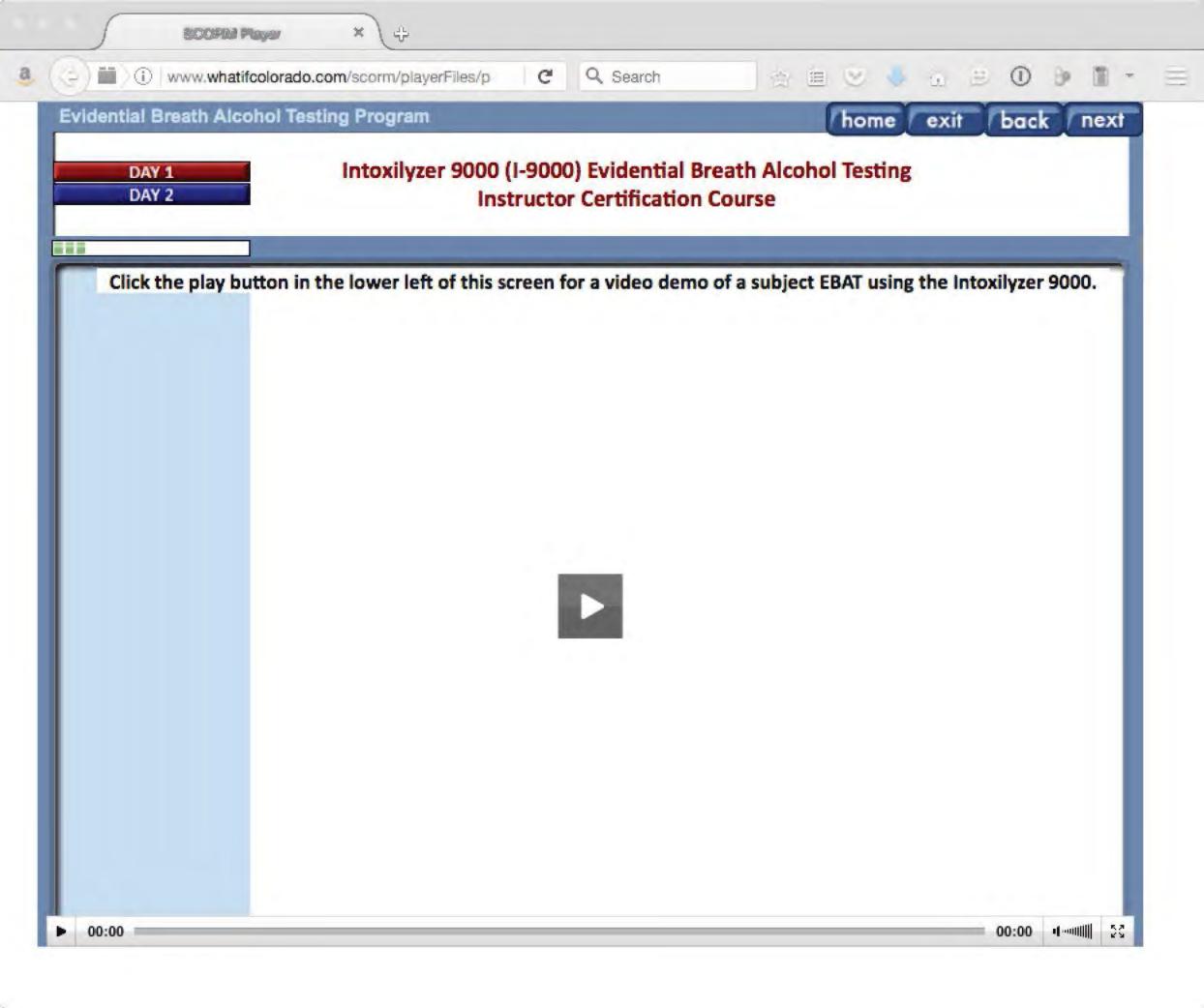


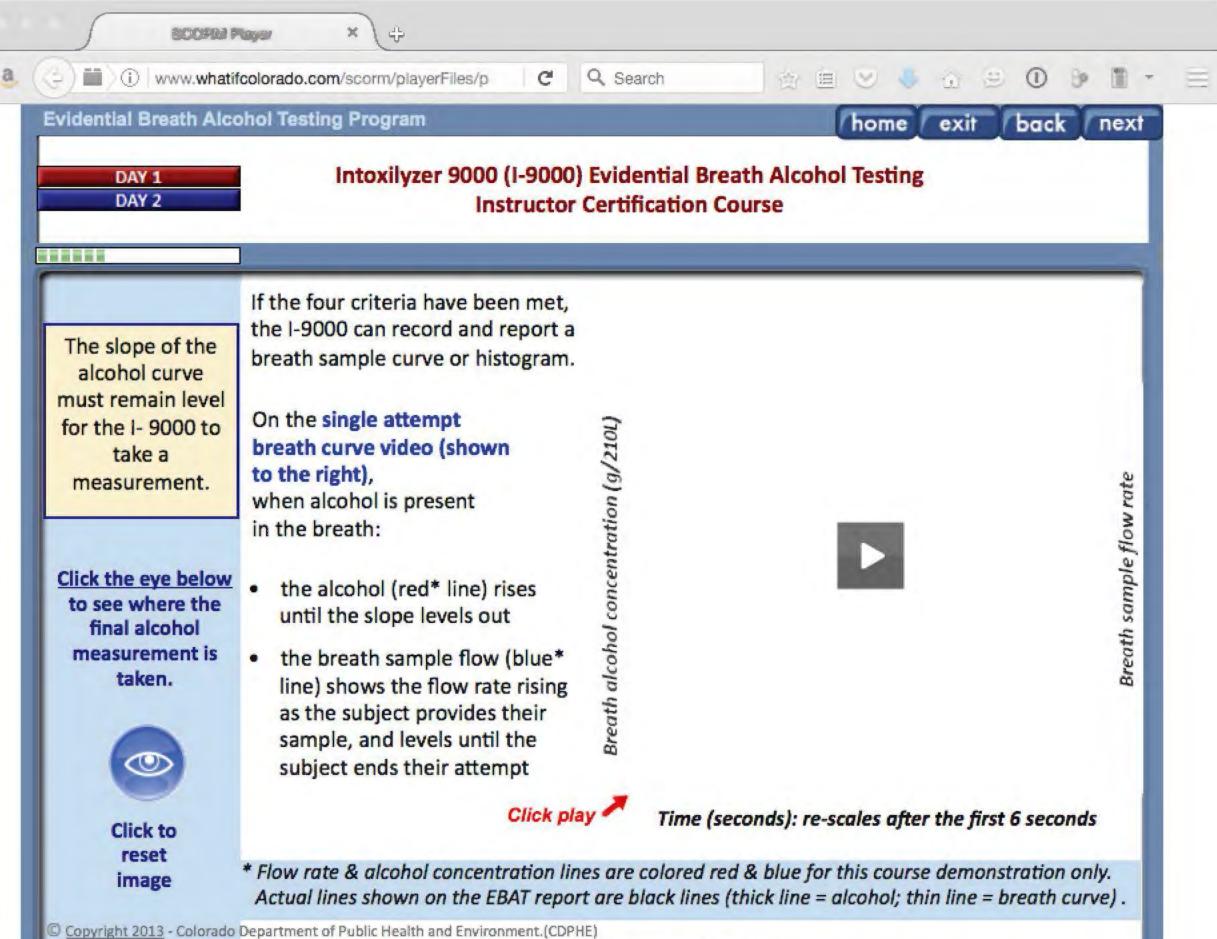


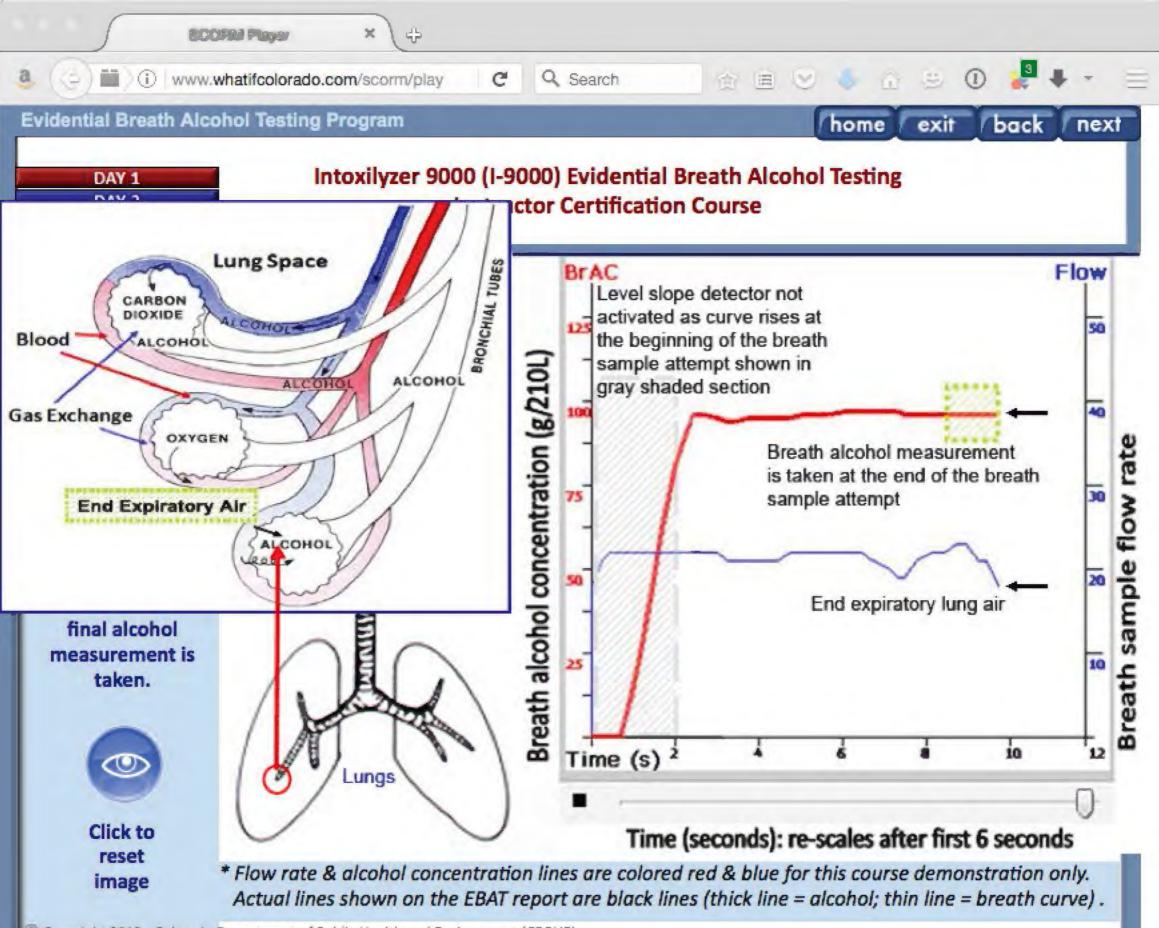
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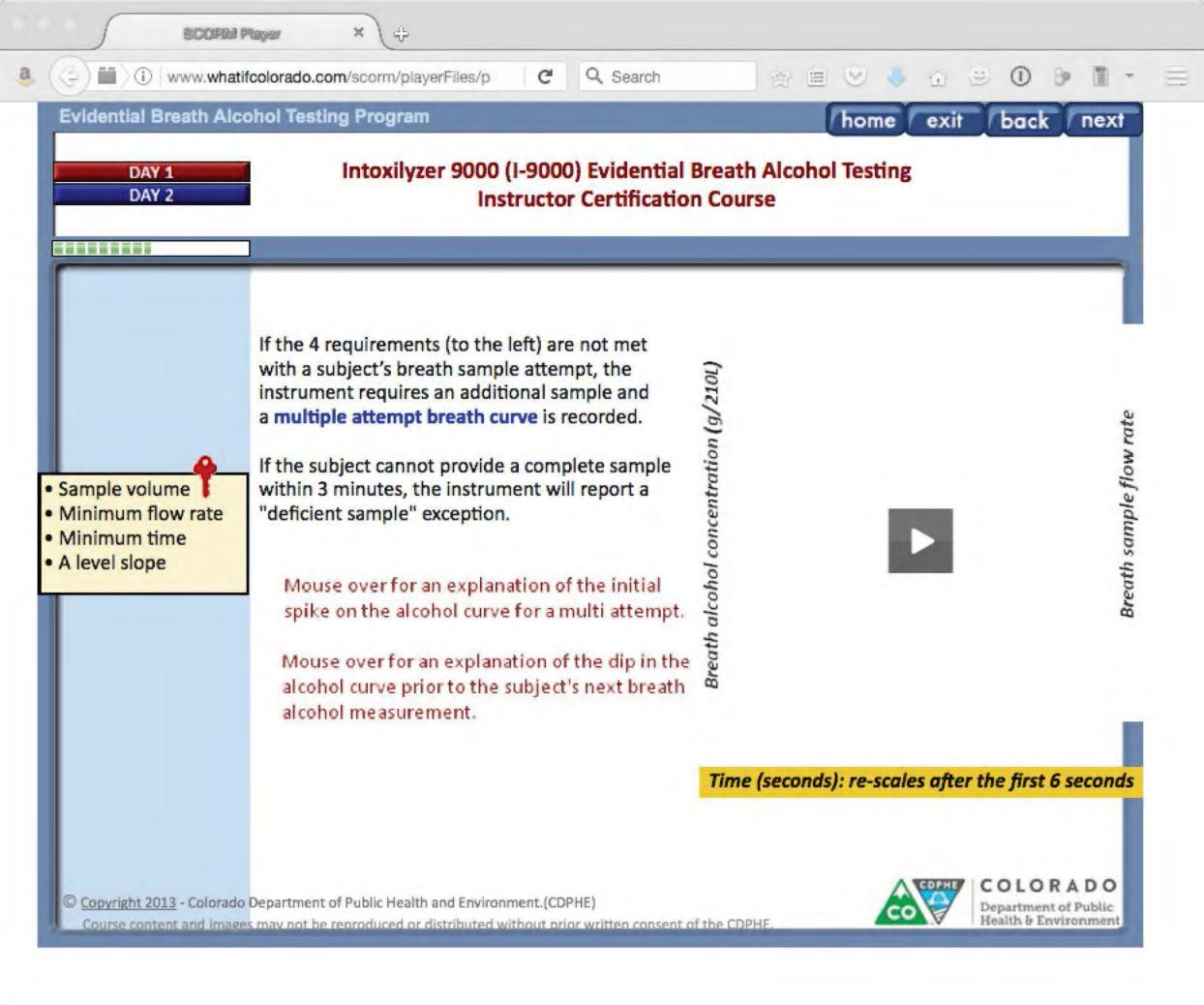


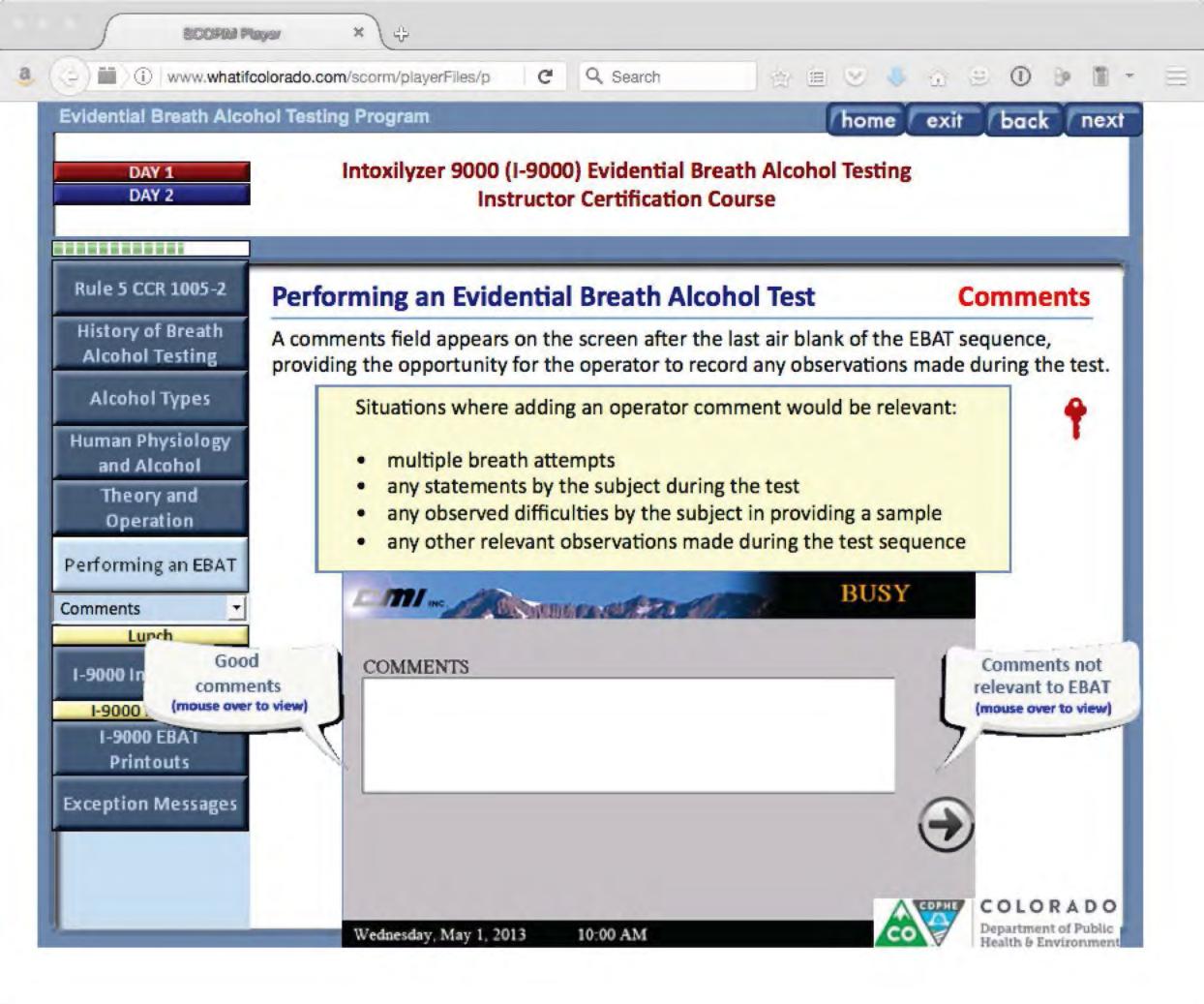


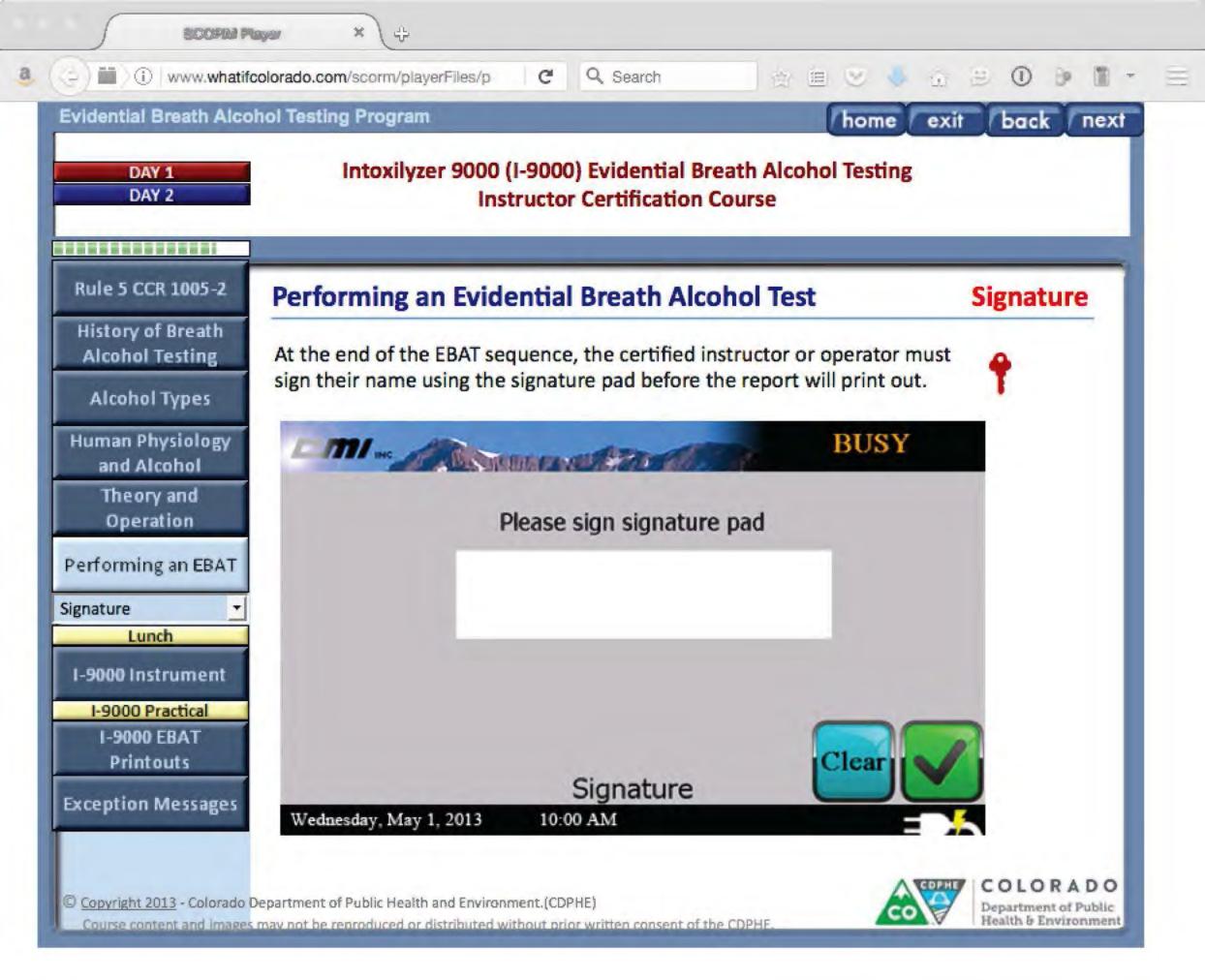


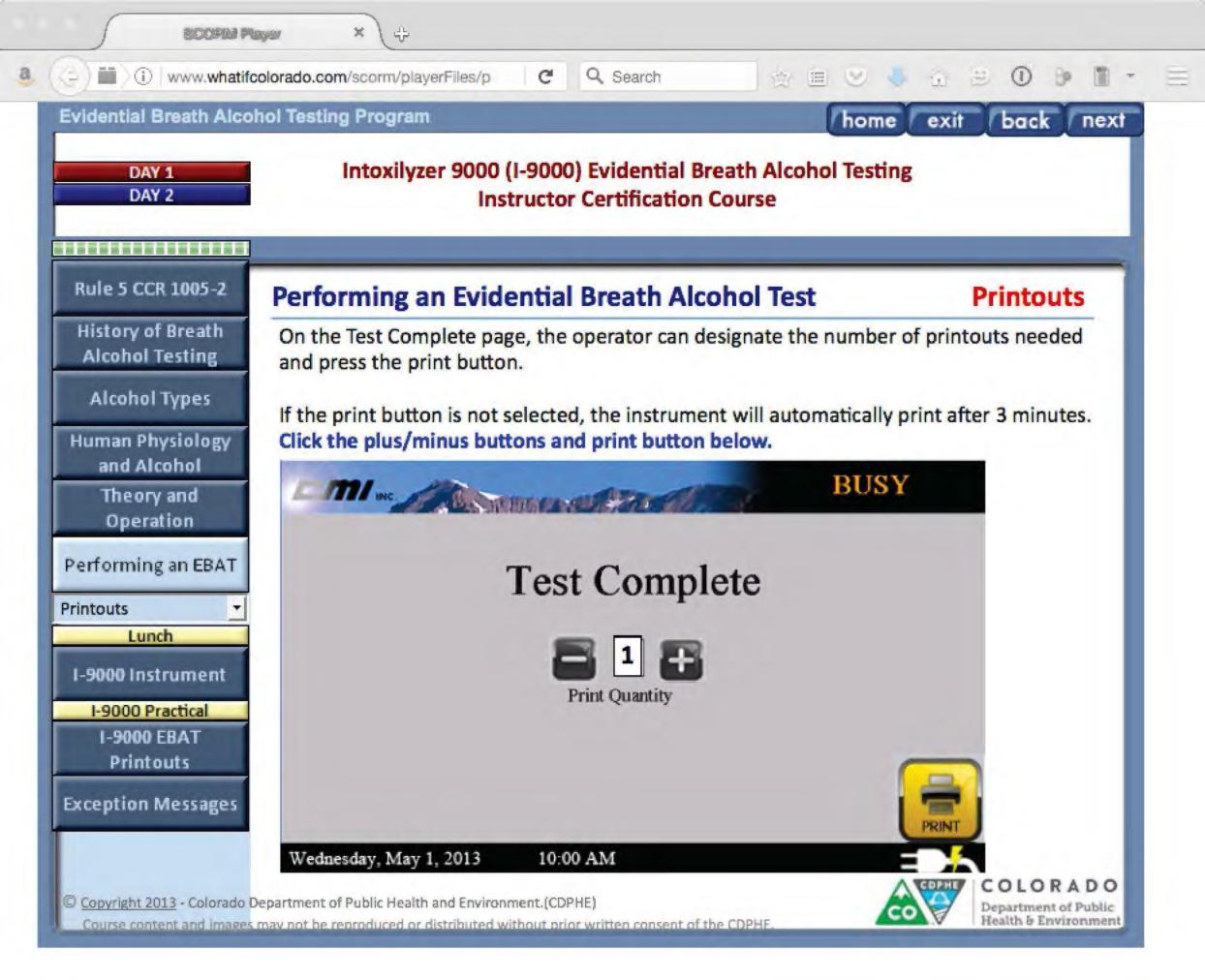


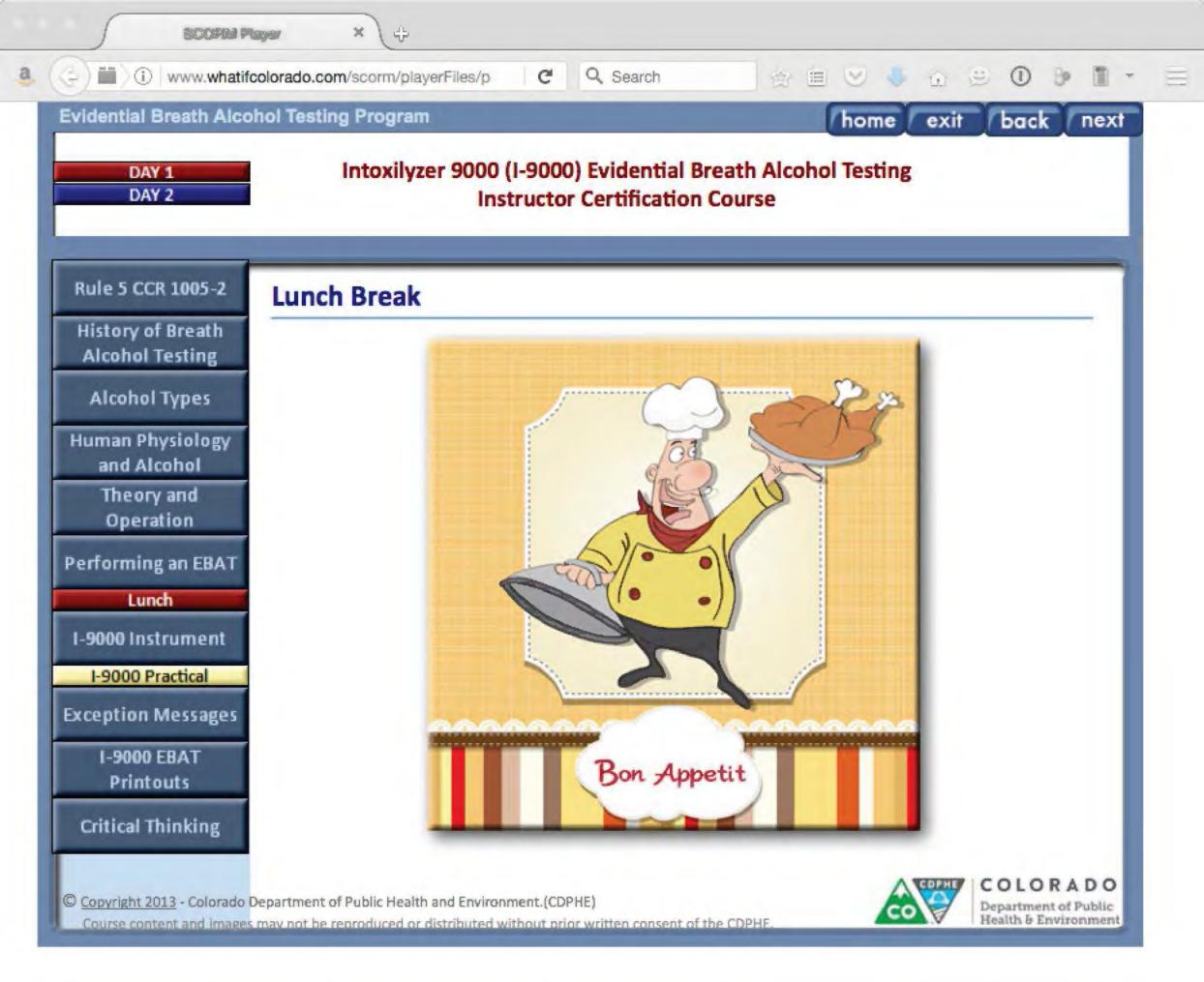
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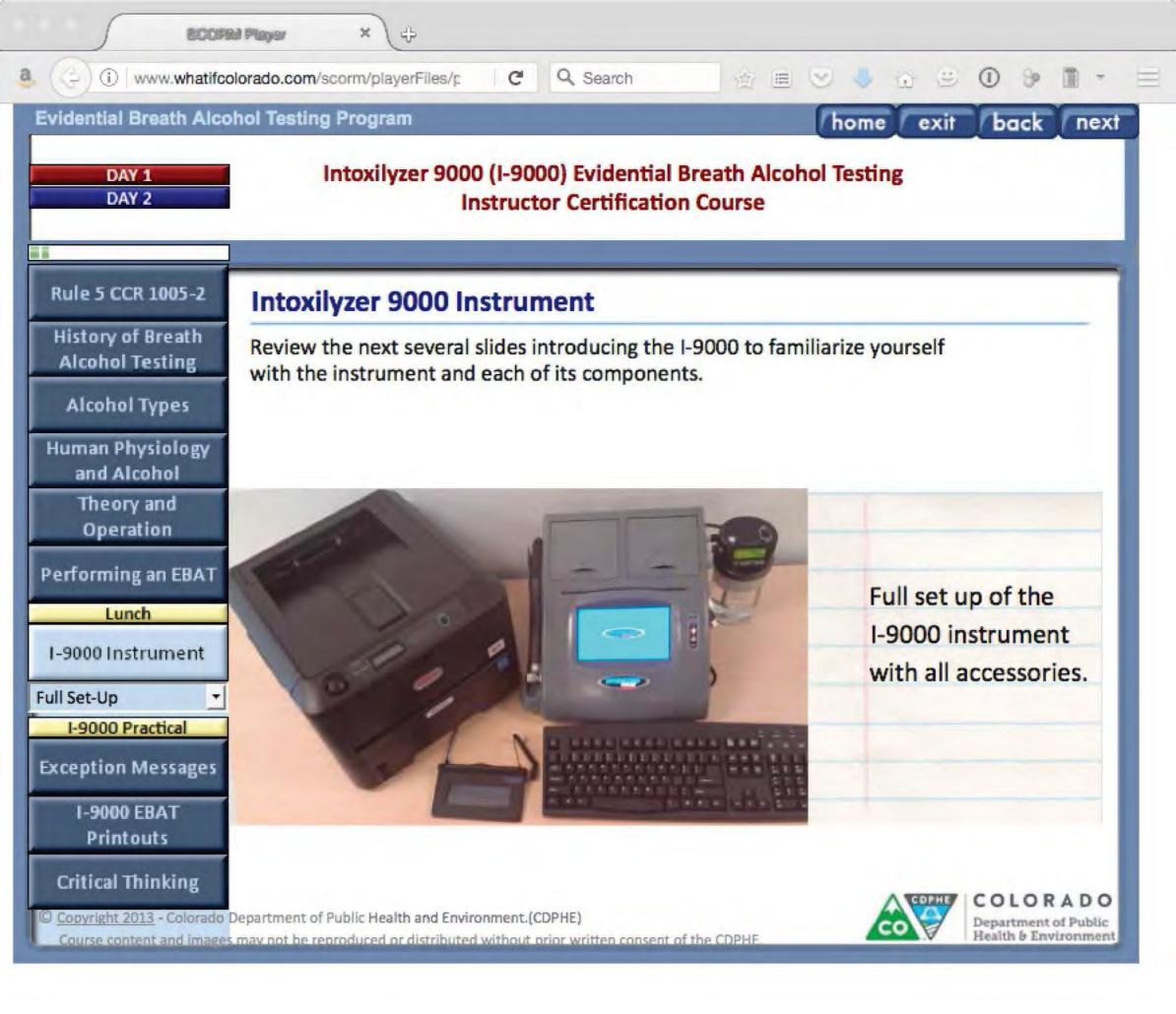


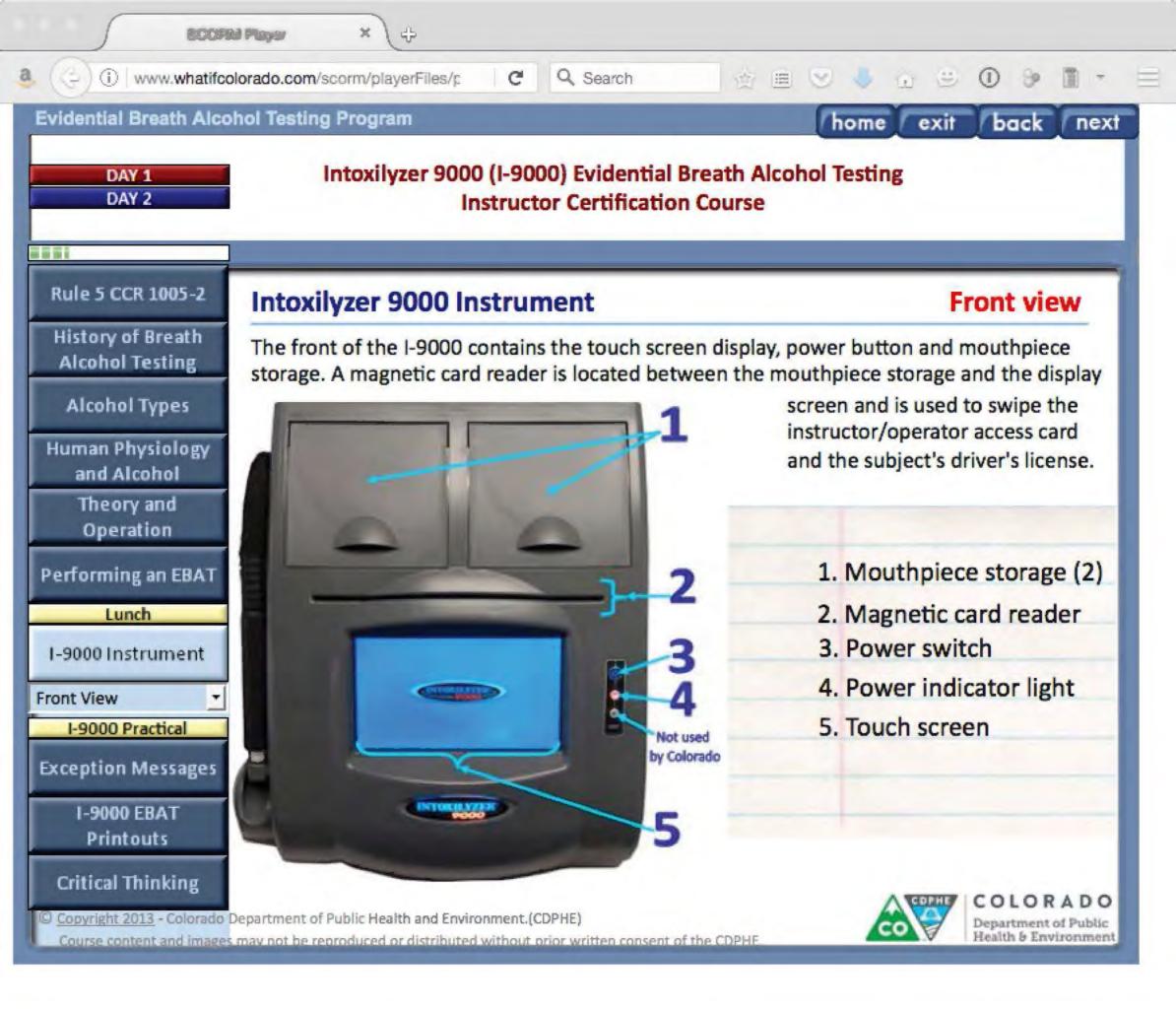


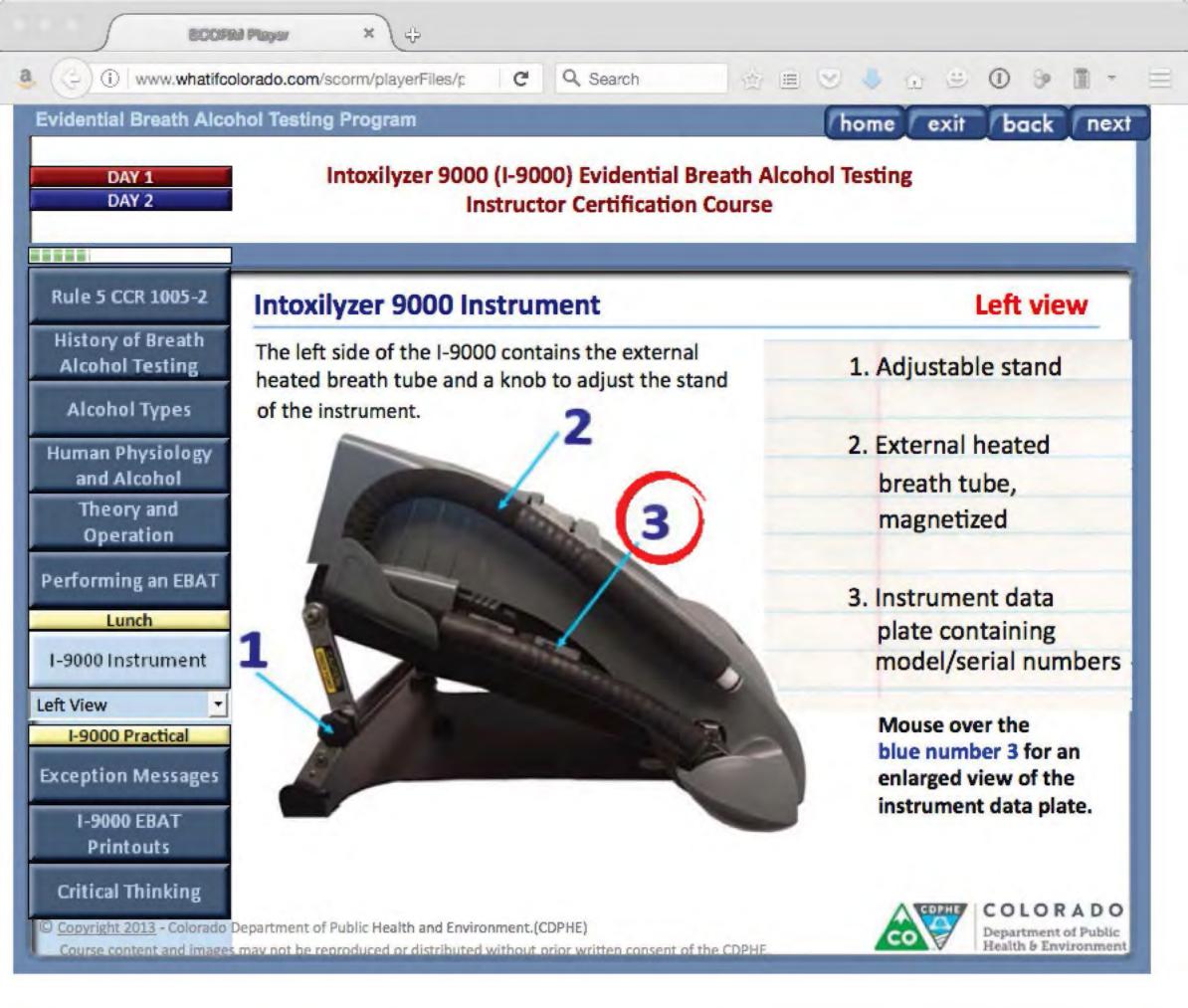


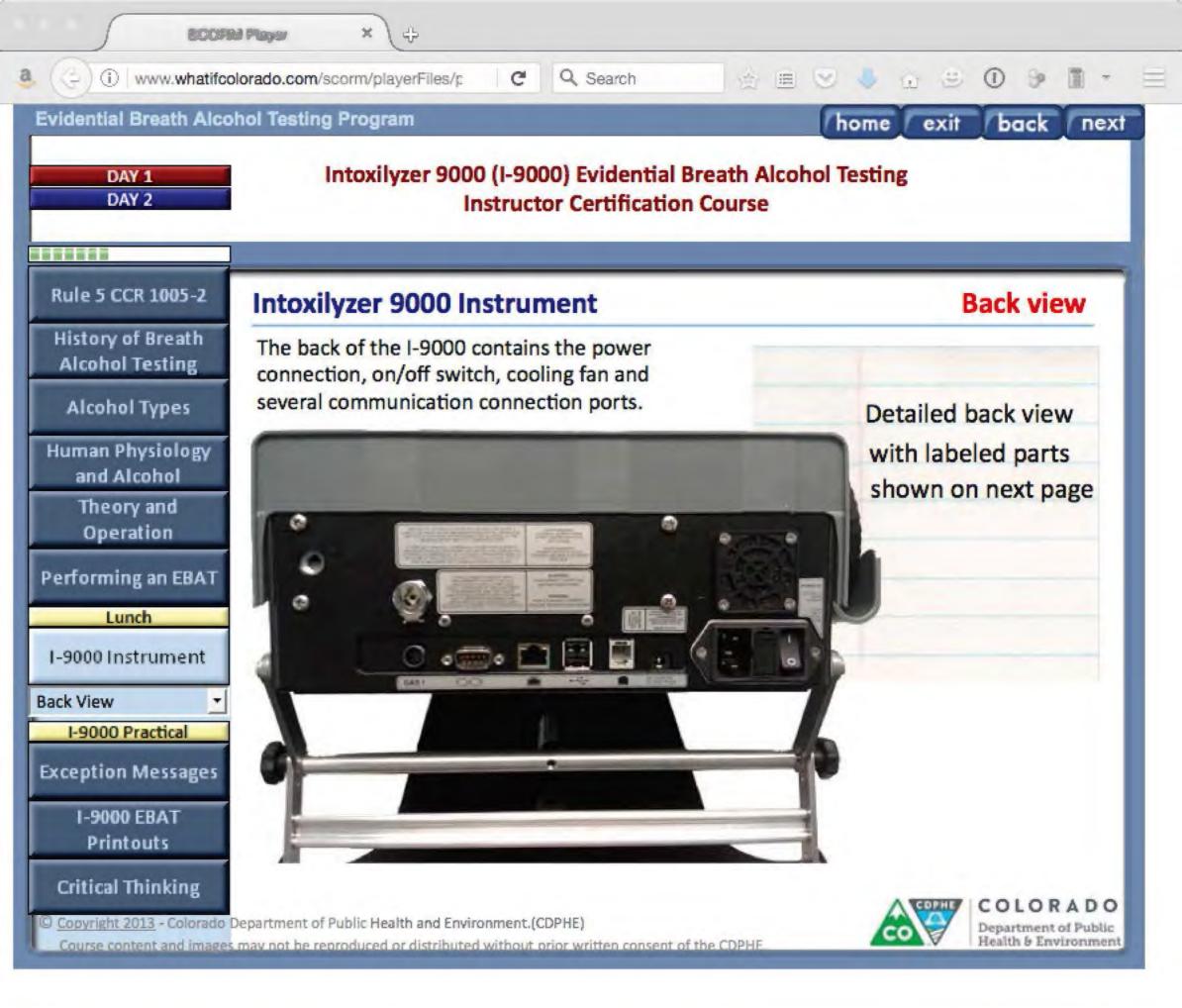


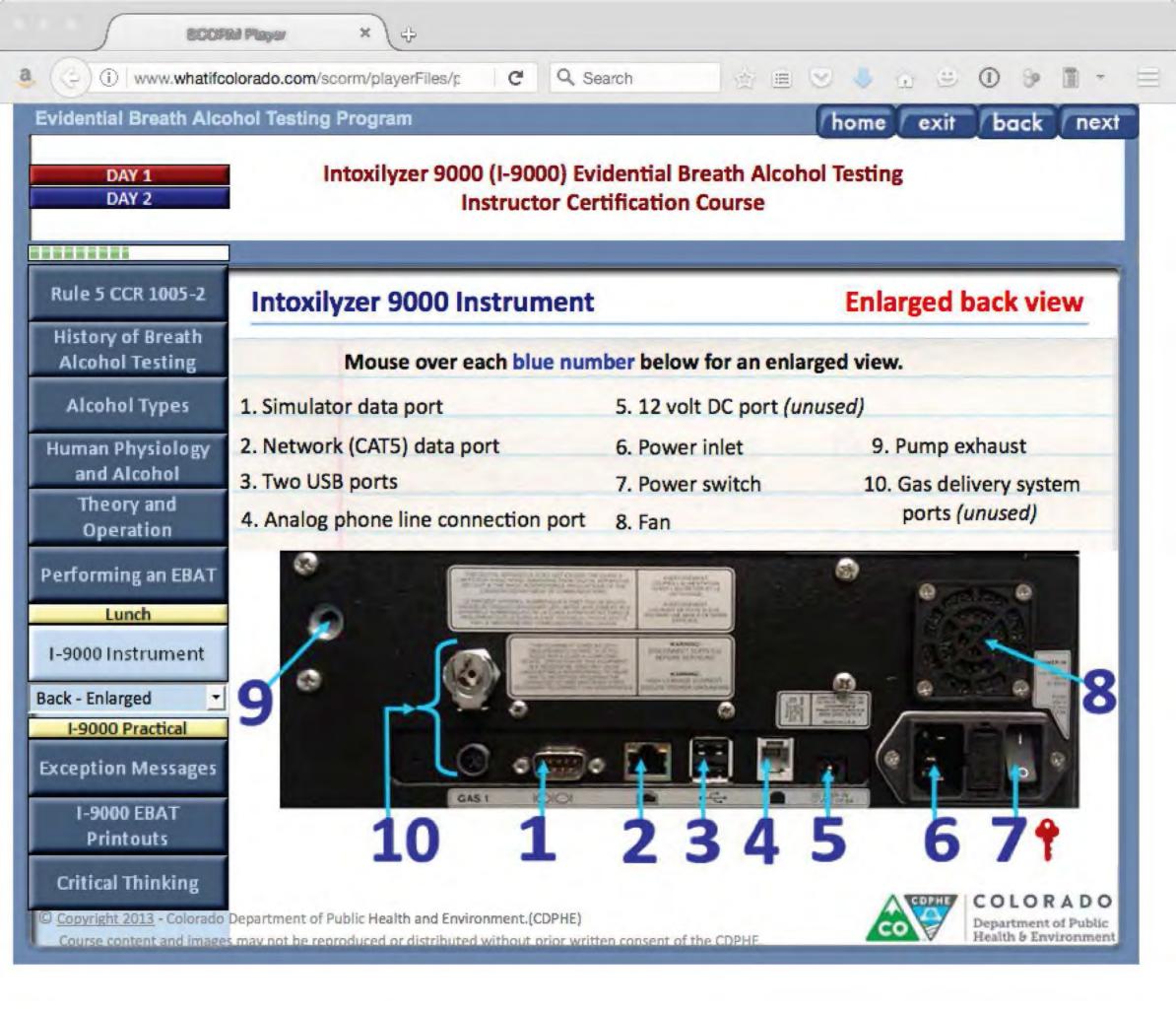


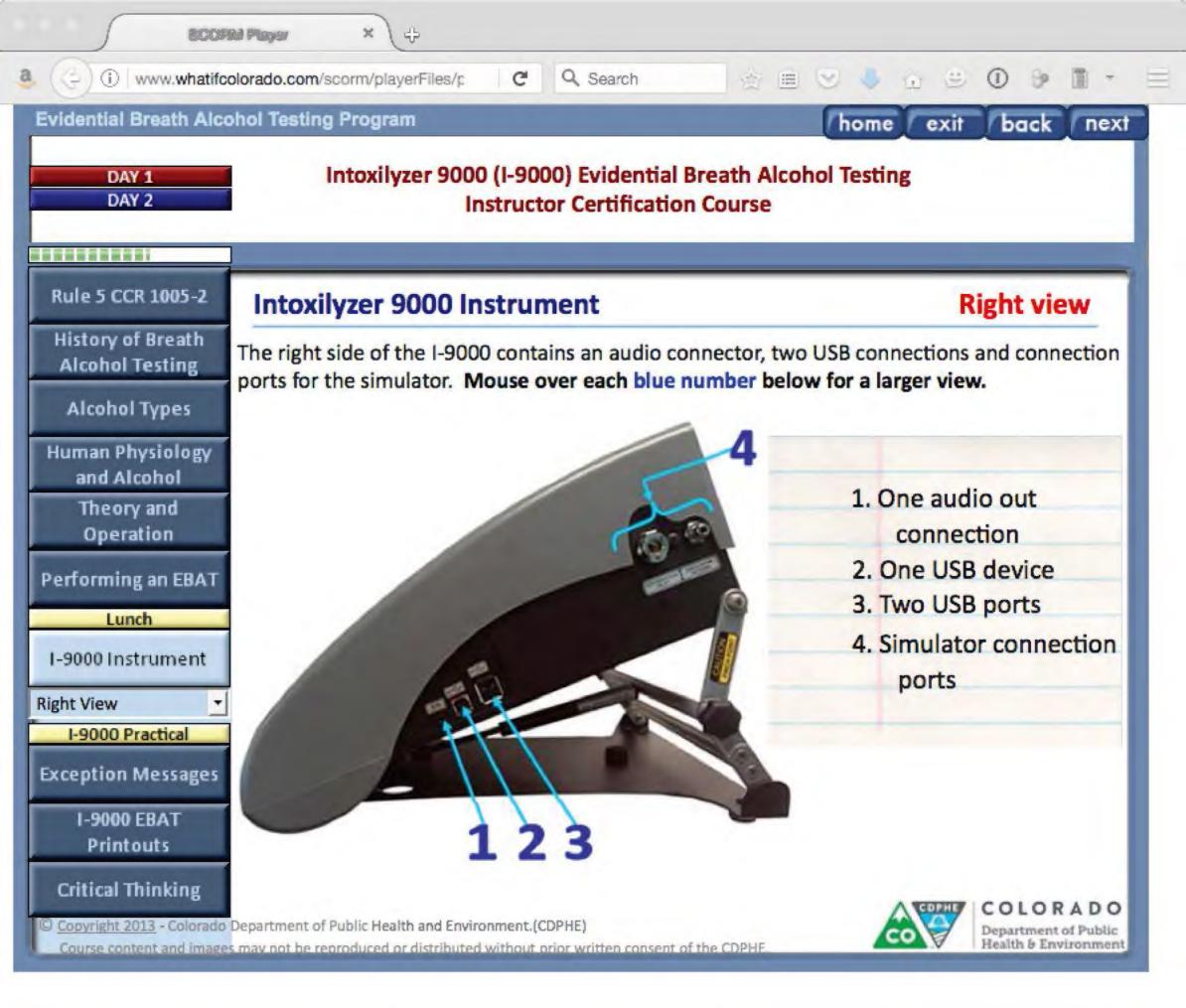


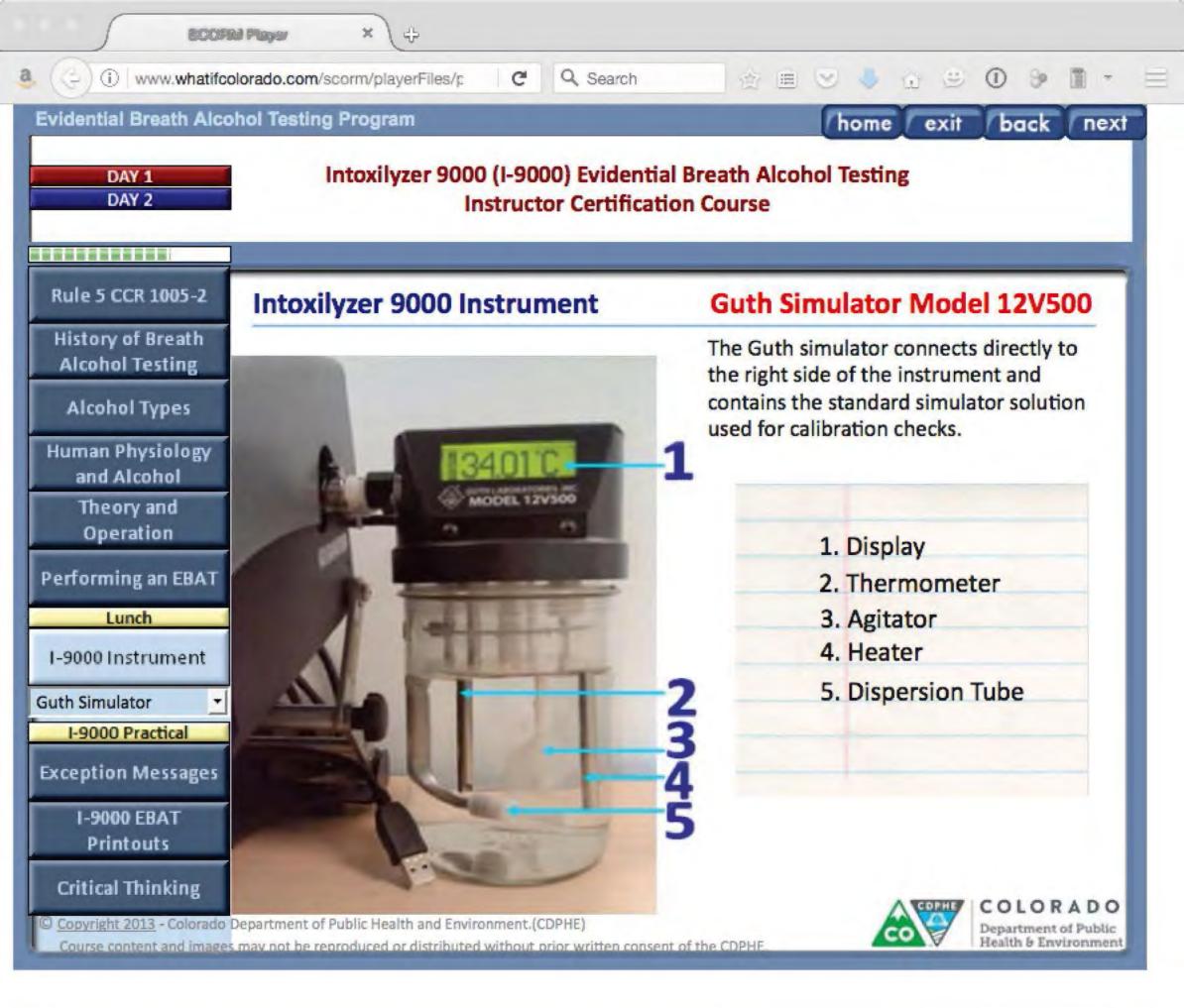


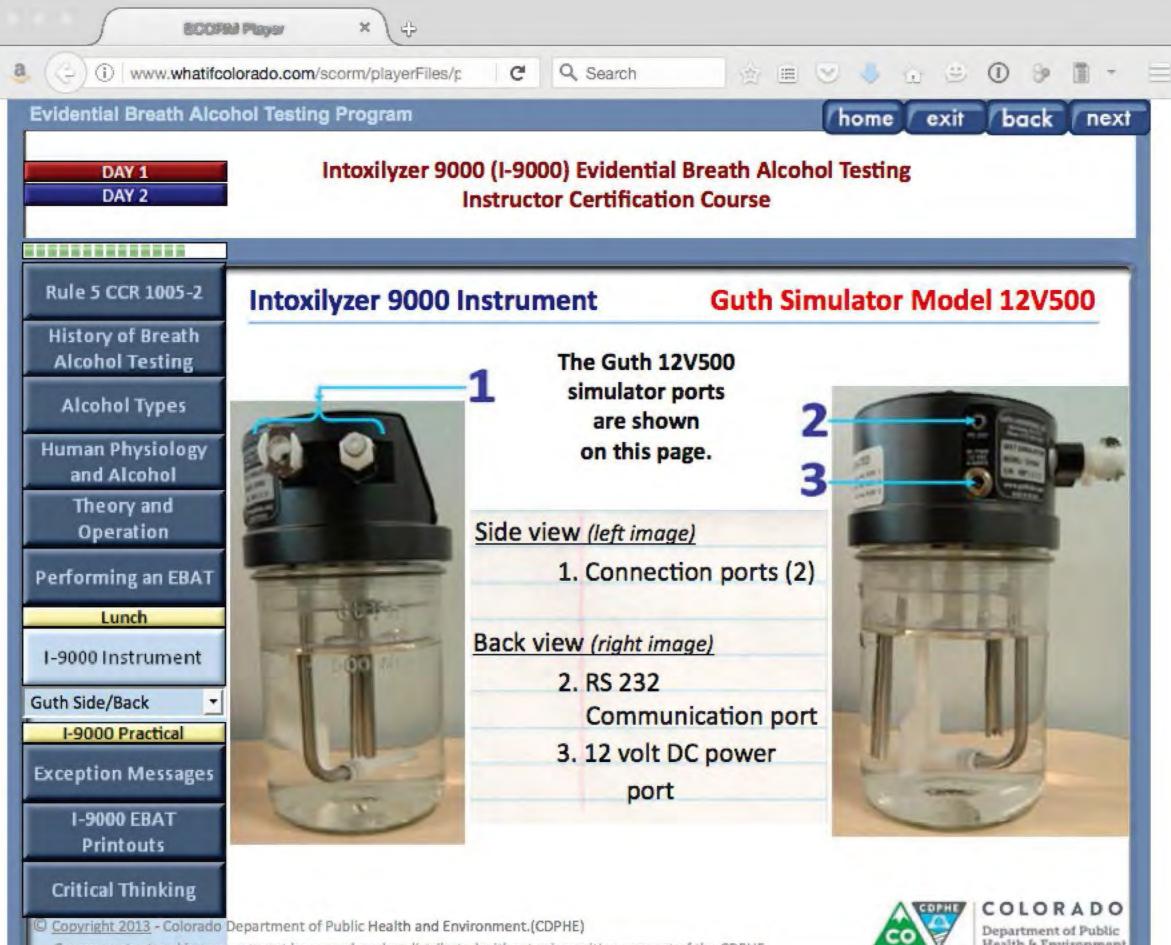






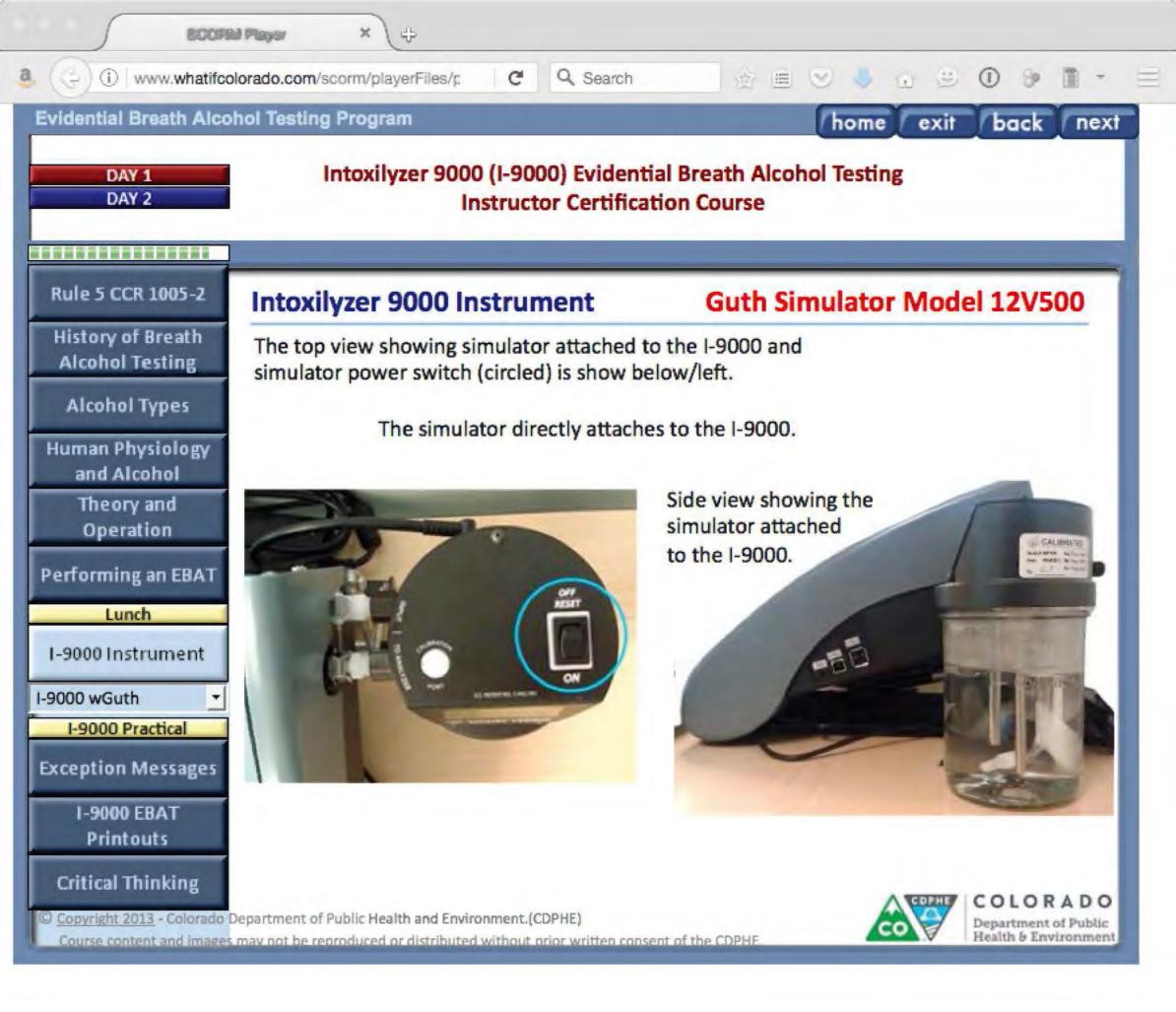




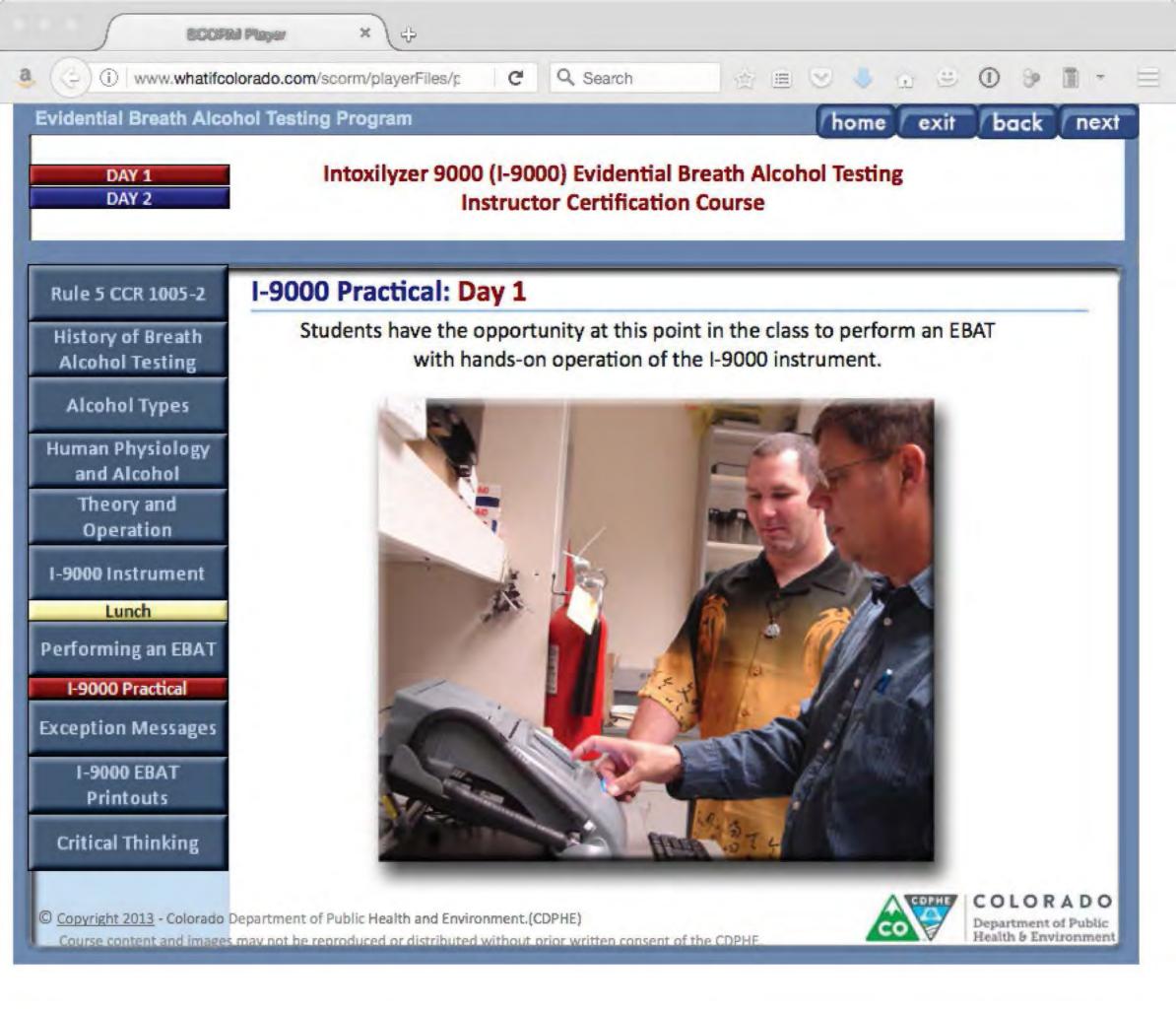


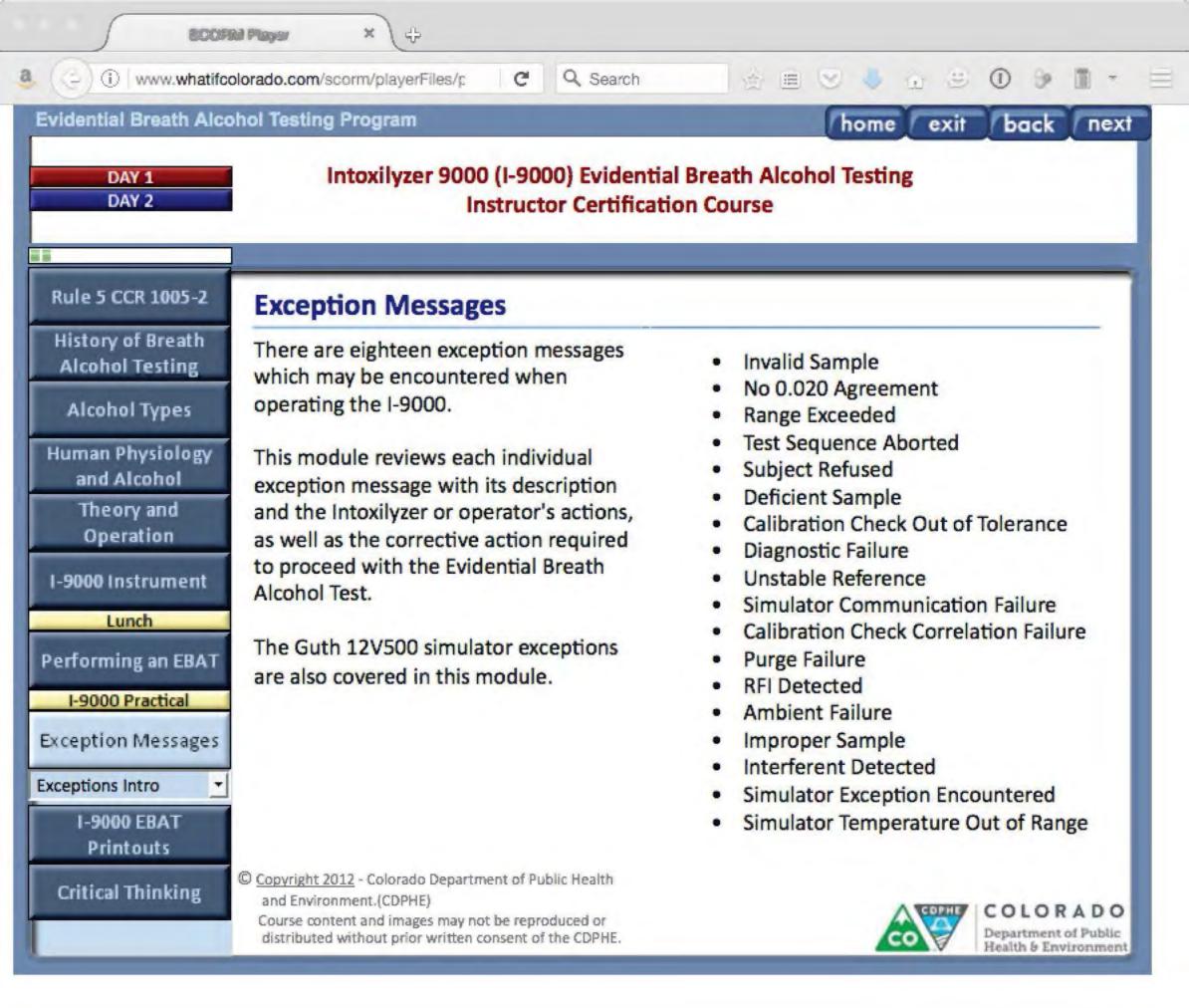
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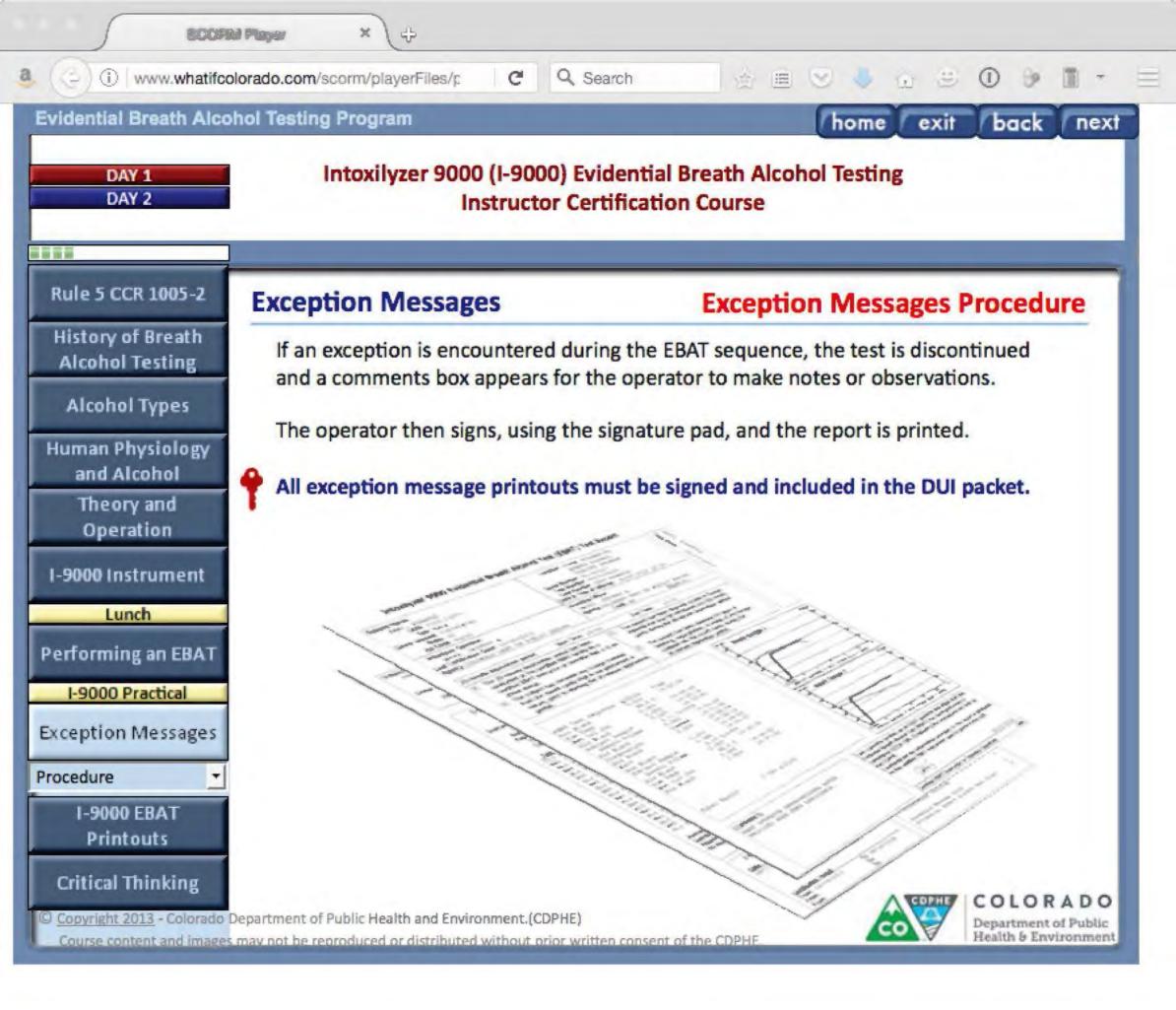
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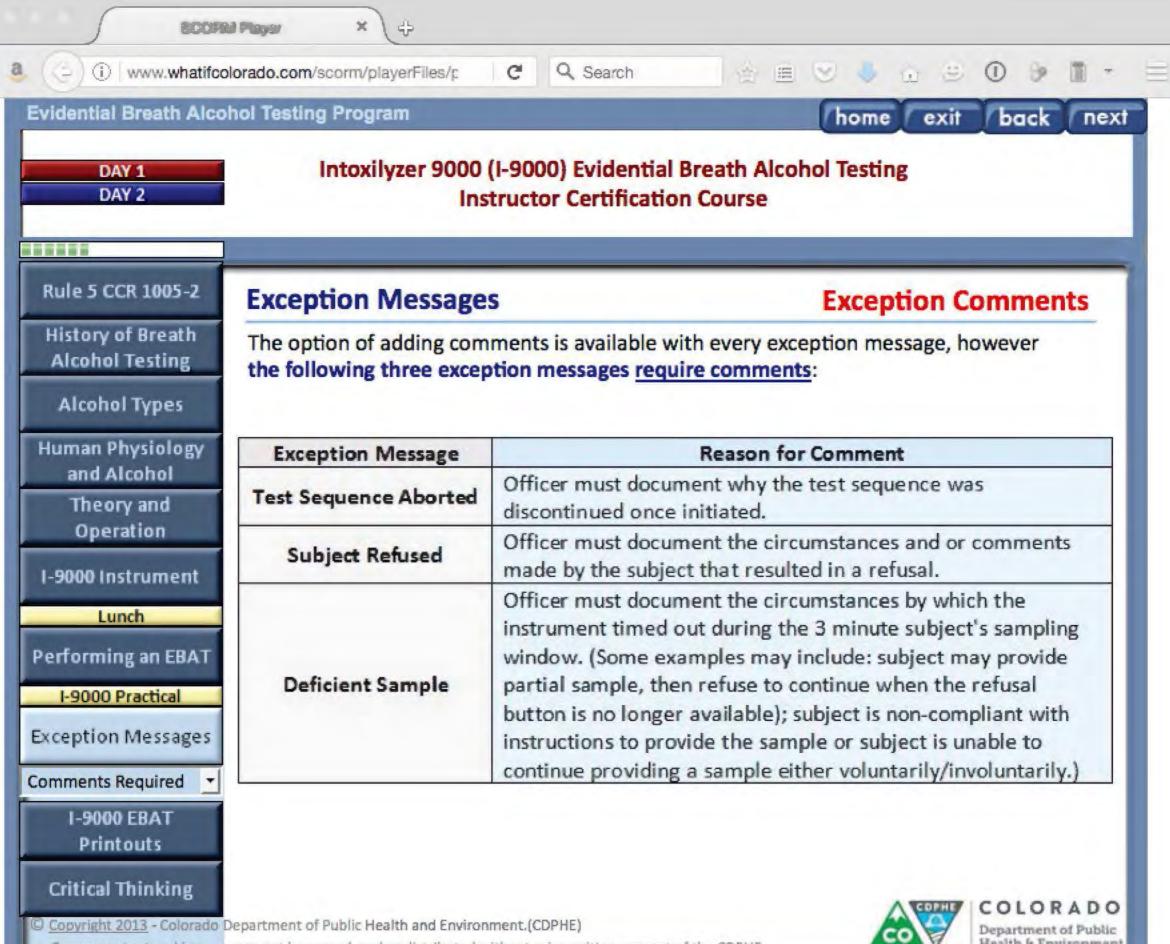






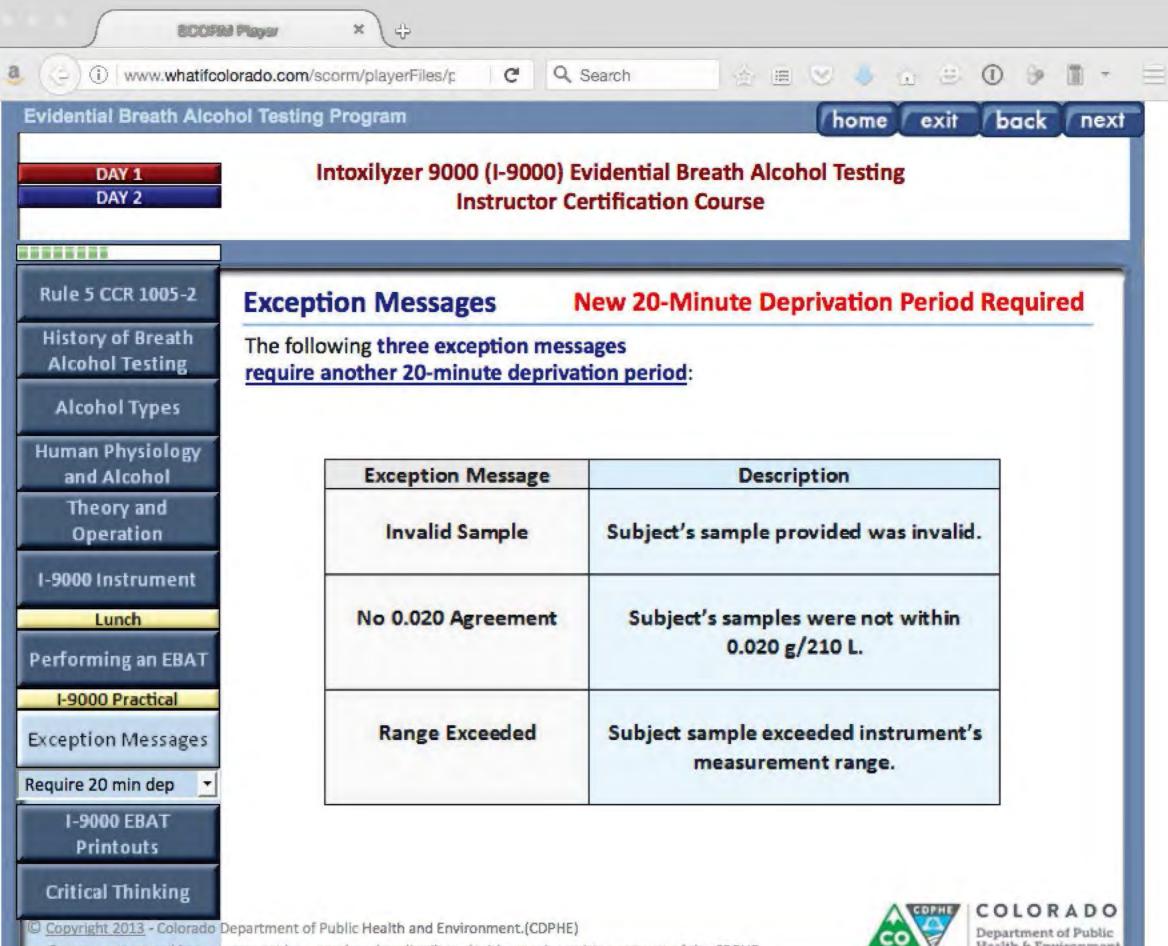






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Fundation	Intoxilyzer 9000	Exception Message Gu	INDE
Exception	Description	Action	Corrective Action
		meaning one of these exception deprivation period is required.	n me wages,
INVAUD SAMPLS	Subject camp le invalid	Testise quence stops Sign and retain all printouts	 Subject may be retained Anely 20-m inute deprivation
		Operator comments o prio nel Testas quente atoss	serios l'areg ulre d. • Subject may be reteat ed.
NO 8.020 A/GREEMENT	Subject commonles were not within 0.020 g/230.	 Sign and retain all printouts Operator comments optional 	Anew 20-minute deprivation period larequire d
RANGE ENGEDED	Subject zamp is succeeded Indrument a measurement range.	 Textise quence stops Eign and resain all prints uts Operator comments optional. 	 Subject may be reneated. Anew 20-minute deprivation period larequired, or Subject MAY need towns data medical attention.
TEST Sequence Aborted	Test se quence decontinue diprior to completion. O perstor double cickled the "ABORT" button.	Testas quence stocs Coerscor contrivent are quined. Sign and retain all prints uts.	 Subject may be renamed. An ad ditional 30-min use deprivation plants d MAY be require d.
SUBJECT REFUSED	Subject refu and to a work this a chemical task. Open tor aniected the "REFUSIO" butters.	 Test as quence stass. Operator continents required. Sign and retain all printauts. 	* Nofurther test hg.
DEFICIENT SAMPLE	Subject of Idination rayids an ad equate sample.	Testas quence atops Operator commente re quired Sign and retein all primouts	a Subject may be received.
CALIERATION CHECKOUT OF TOLERANCE	Result of calification check was not within rainge.	 Text se quence stops. Sign and retain all prints uta. Operator commant so ptional. 	Oneck simulator attachment for poorf it. Subject may be retested.
SHAGRIOSTIC FAILURE	Intrument failed dags on it check.	 Interliver d'able straaf. Sprand retain all'primouts. Operator comment souple nel. 	• Dyclethe power to the Intoxityae
UNSTABLE REFERENCE	Unableticostaln excibie reference	 Tasta Stende atops, instrument returns to the residy mode. Sign and retain all printo uts. Operator comments is allo nel. 	- Subject may be retext ed.
SIMULATON ONIMUMICATION FAILURE	Instrument unable to communicate with simulator.	 Tertise quence staps. Sign and recein all primouts. Operator comment so prio nel. 	+ Dycle the power on the simulator + Subjectimay be retexted
CAL CHECK COMMELATION FAILURE	Celloration checkswaire notive lithin 10%	 Temes queros mapa. Sign and vetals all'artimauta. Operator commente a pito nal. 	 Drack dmulator amschment for poor/fit Subject may be retest ed.
PURGE	Textos querce discortinue did ue to ambient con ditional	 Text as quence stops. Sign and retain all printe una. Operator comment so prio nel 	 Cell the agency's interlivaen instructor.
	Radio Frequency Interference us a detected by the Instrument	 Testise quence stops. Sign and retain all prints uss. Operator comment so ptic nall 	· Subjectionary be related.
AMBLENT	Testae quence discort inue did ue to ambient con dit long	 Tamae querce stops Sign and retain all prints uts. Operator comments optional. 	 Nemova the subject or timer source/from the immediate area the intoxily ser. Subject may be retext ed.
IMPROPER SAMPLE	Sample in traduced at the wrong time during the text aequence.	 Testas quence stops. Signand retain al printouts. Operator comment a pitto rai. 	· Subject may be retext ed.
INTERFERENT DETECTED	Instrument detected a substance other than esta nol during the test asquence.	 Temas quence moss Sign and retain all printouts. Operator comments outfit nel. 	- Seek Immediate me diasi atte mb for the subject.
SIMULATOR EXCEPTION ENCOUNTERED	An exemption measure was onceunioned on these mulates	 Test server er steps Sign and other all protocts 	 Verify the Exception Message on the dimutator display Refer to the Exception Message Gy for the appropriate connective action to charge appropriate connective action
SINULATOR TEMPERATURE DUT OF RANGE	Simulater temperature was not within 55 to - 54 b5 degrees	 Test sequence slags. Sign and retain all printeuts. 	Verify the Exception Message on the disulator deplay Referror the Disaption Message Gui for the economication characteristics action is take other to remain other scheme

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home exit back next Intoxilyzer 9000 Evidential Breath Alcohol Testing Instructor Certification Course

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Exception Messages Guide

An Exception Messages Guide (shown to the left) is provided to each agency with the I-9000 and should be posted near the instrument.

1 Int 🙂

Click each exception row shown to the left for more detail and an example.

Three exceptions (at the top) require a new 20-minute deprivation period.

Three exceptions (shaded) require comments.

Click for the full-sized I-9000 Exception Message Guide.

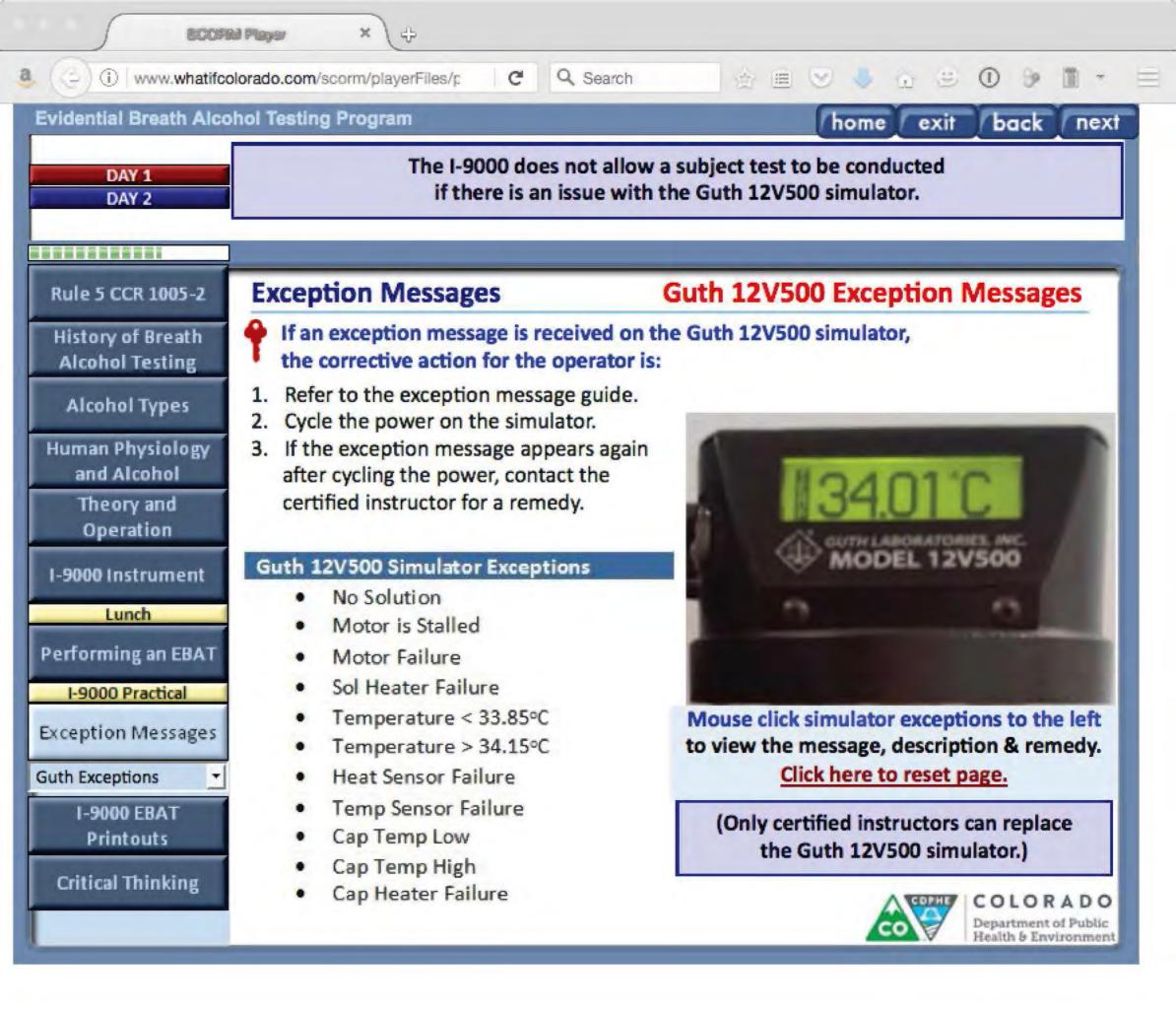
Click for an example of an exception message on the I-9000 screen.

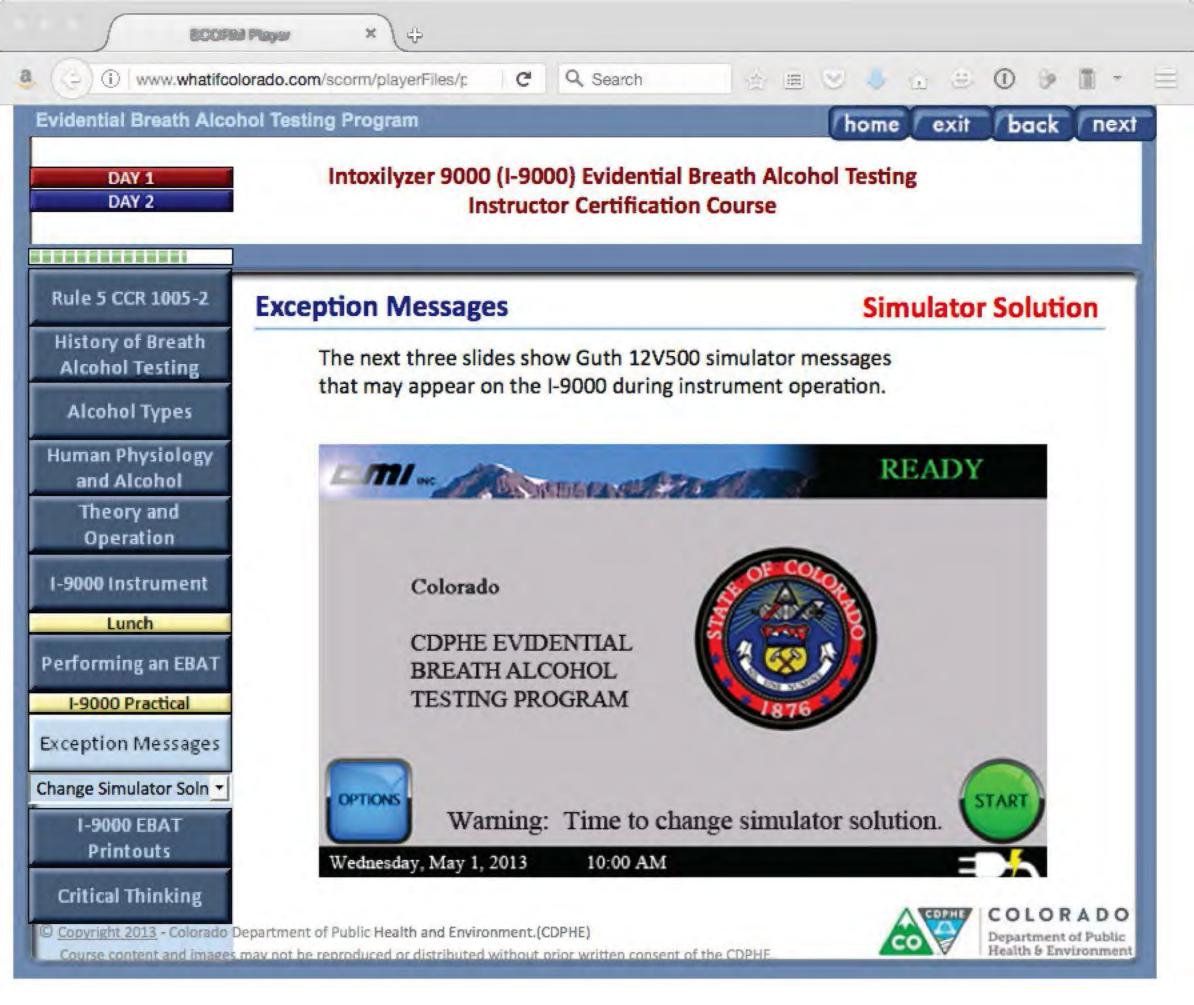
> Click for an example of a printout with the exception message.

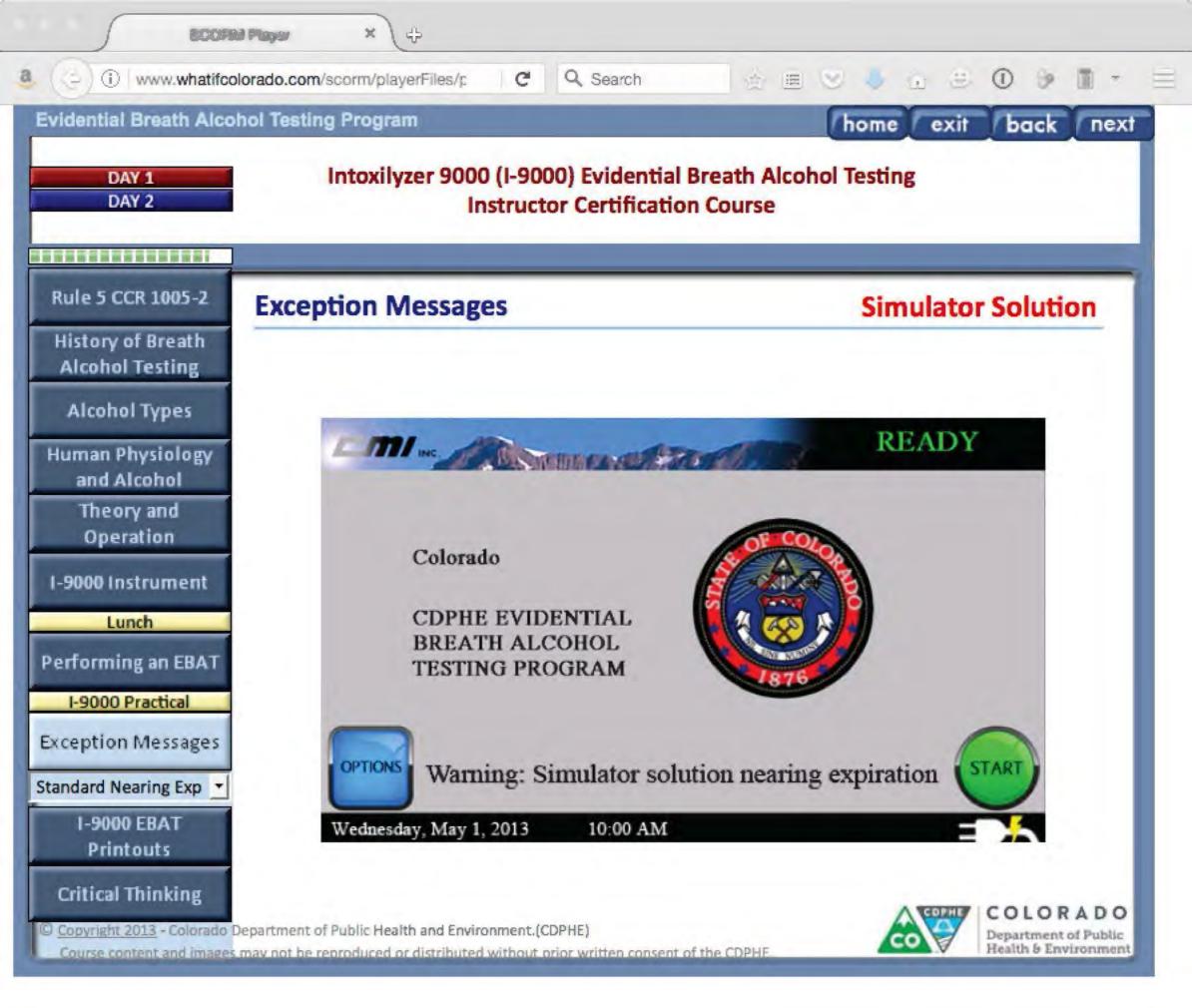
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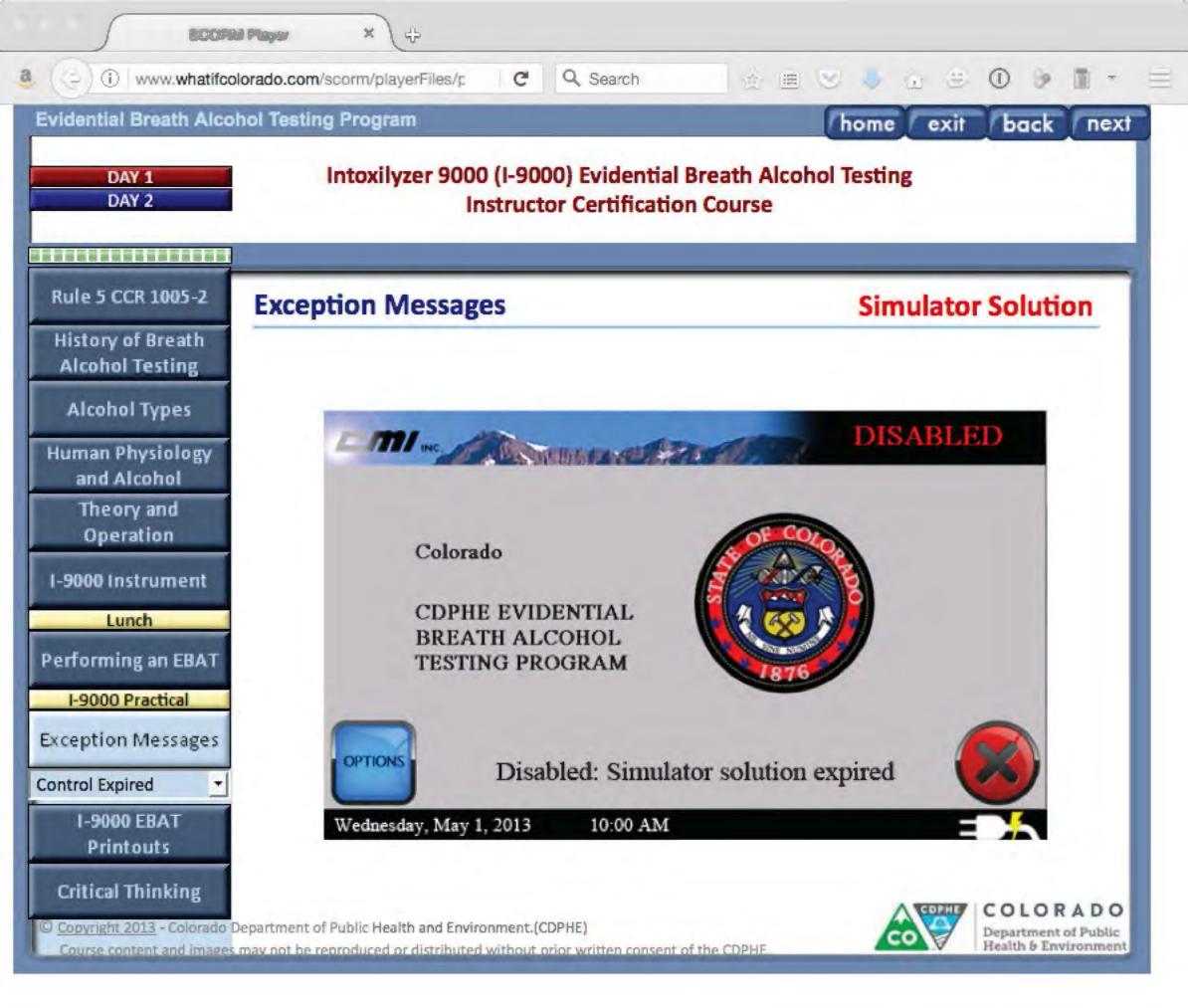


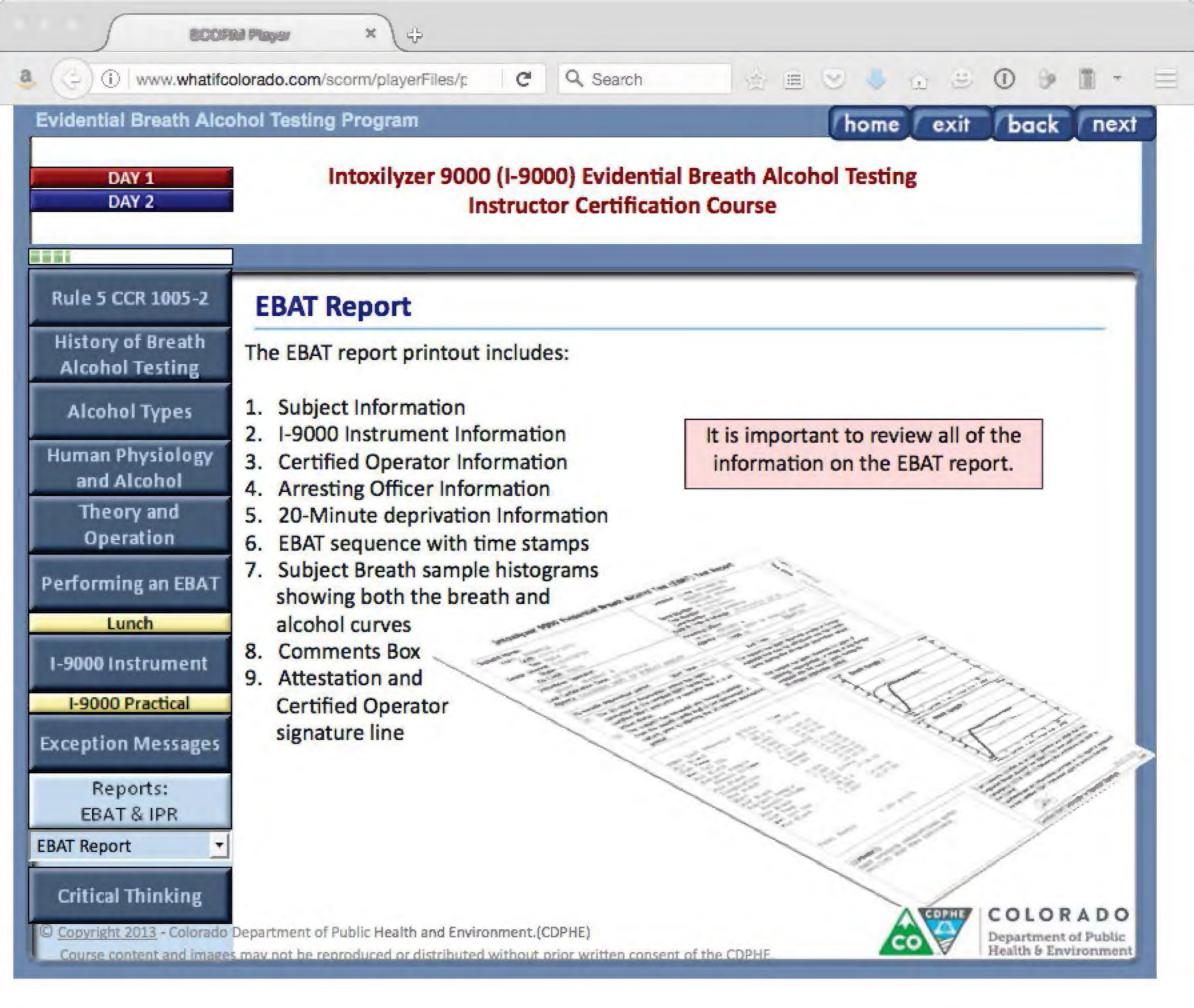
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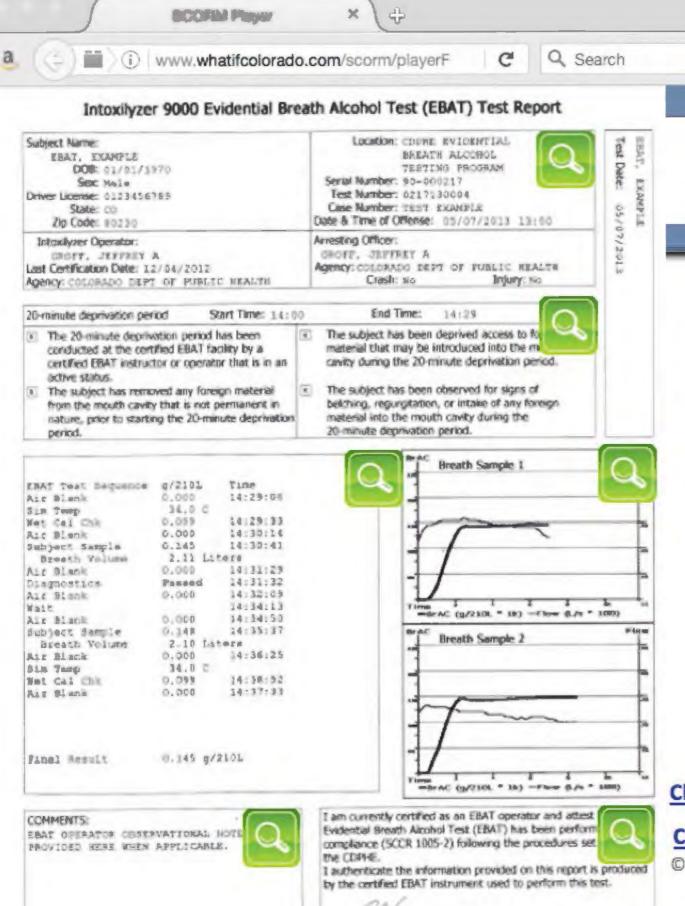












Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course

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EBAT Report Example

This is an example of an EBAT test report that is generated at the completion of an EBAT sequence, to include exception messages.

Mouse over each magnifying glass section of the report for more info and to see a larger image of the section. Mouse off the magnifying glass to hide report section information.

Click to show video of breath sample curves.

Click to hide video of breath sample curves.

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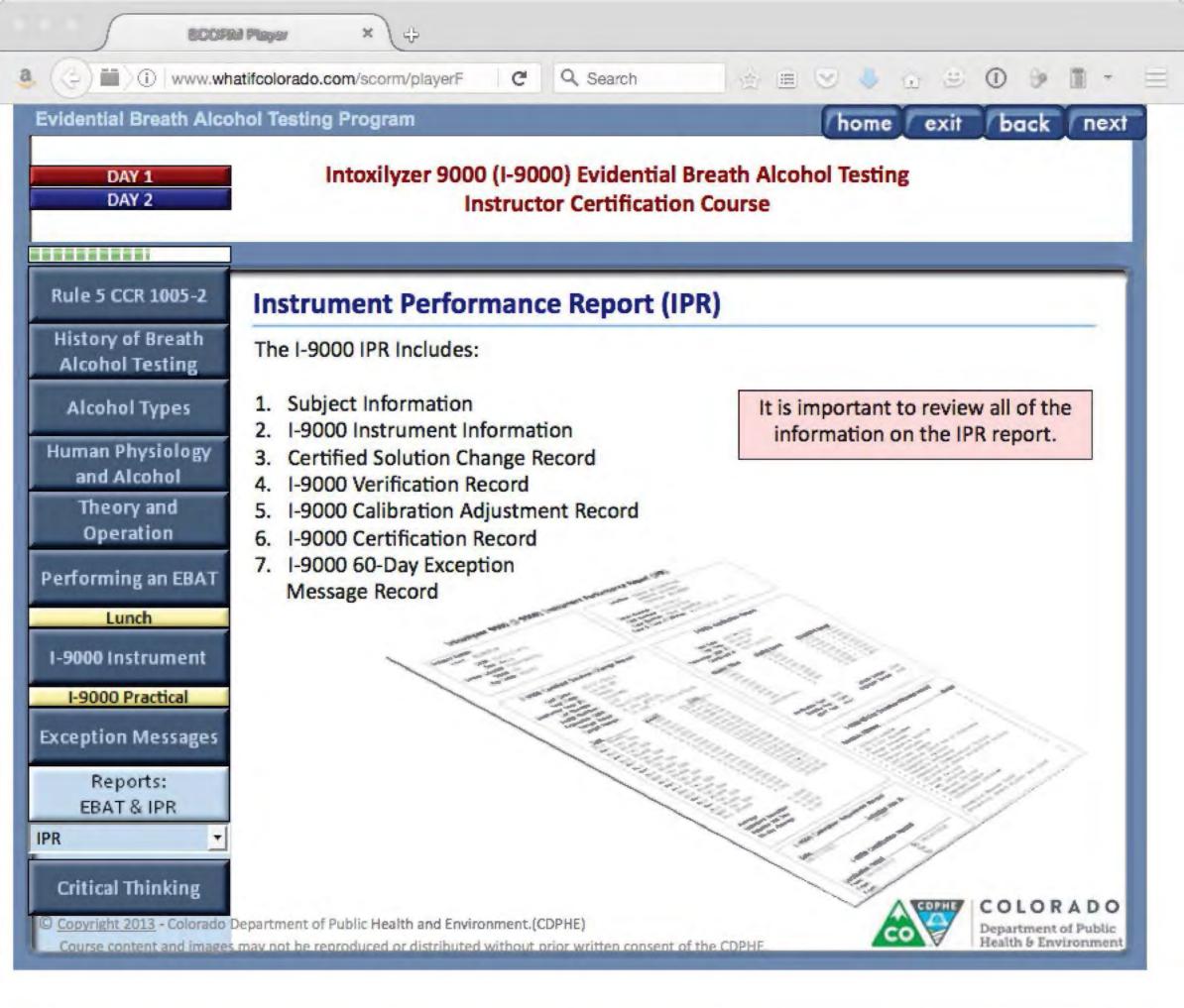
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Certified EBAT Instructor or Operator Signature

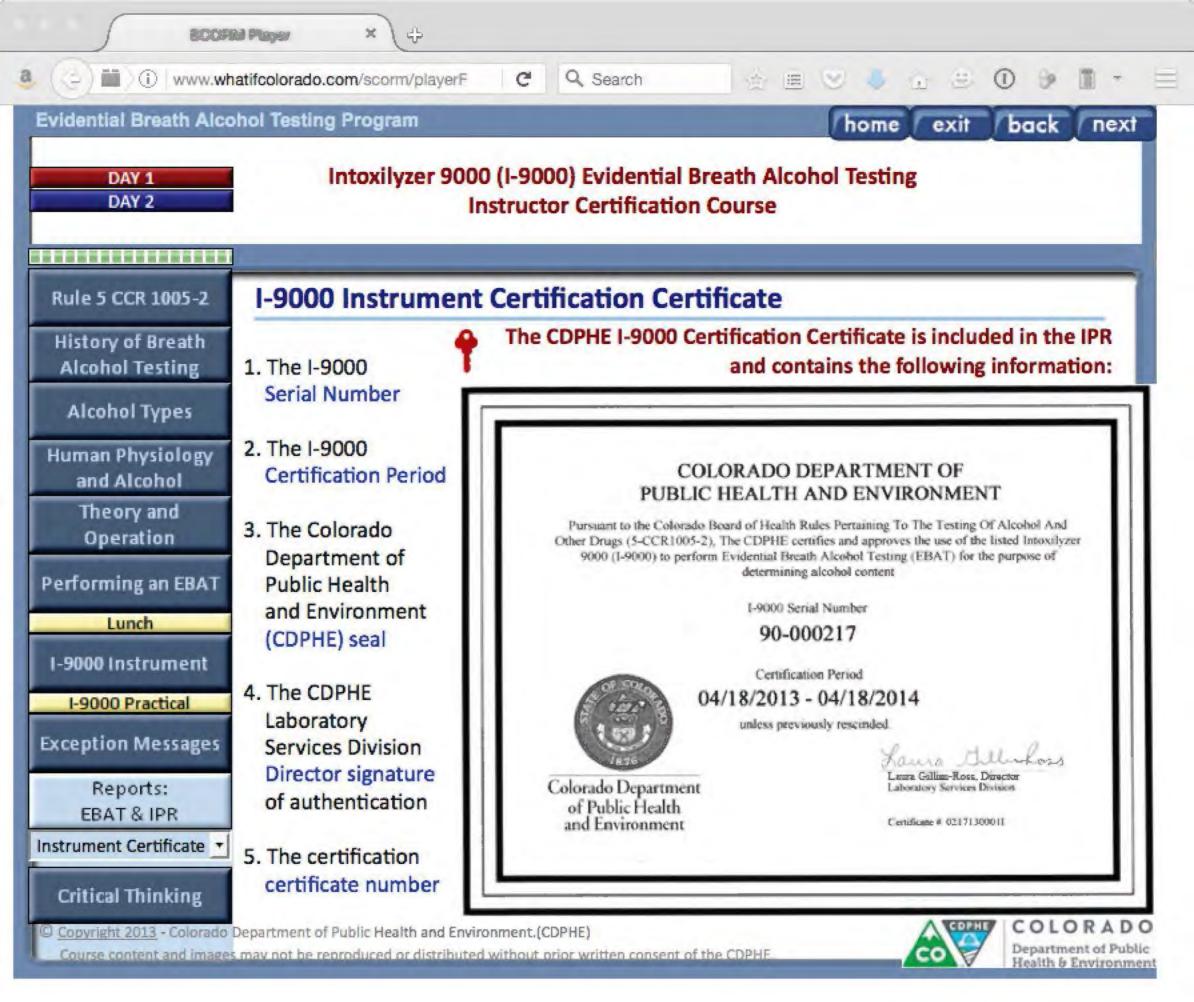
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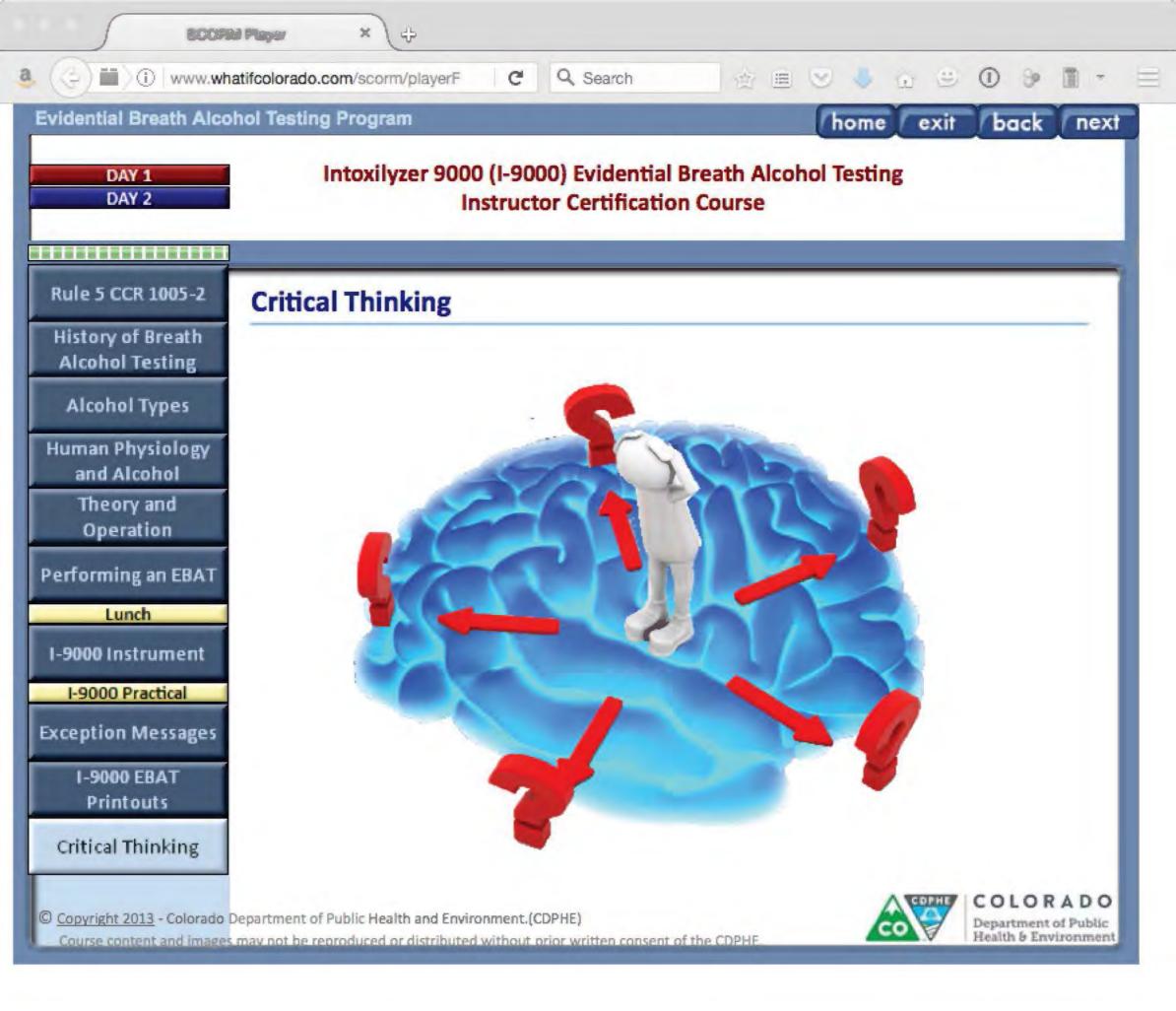


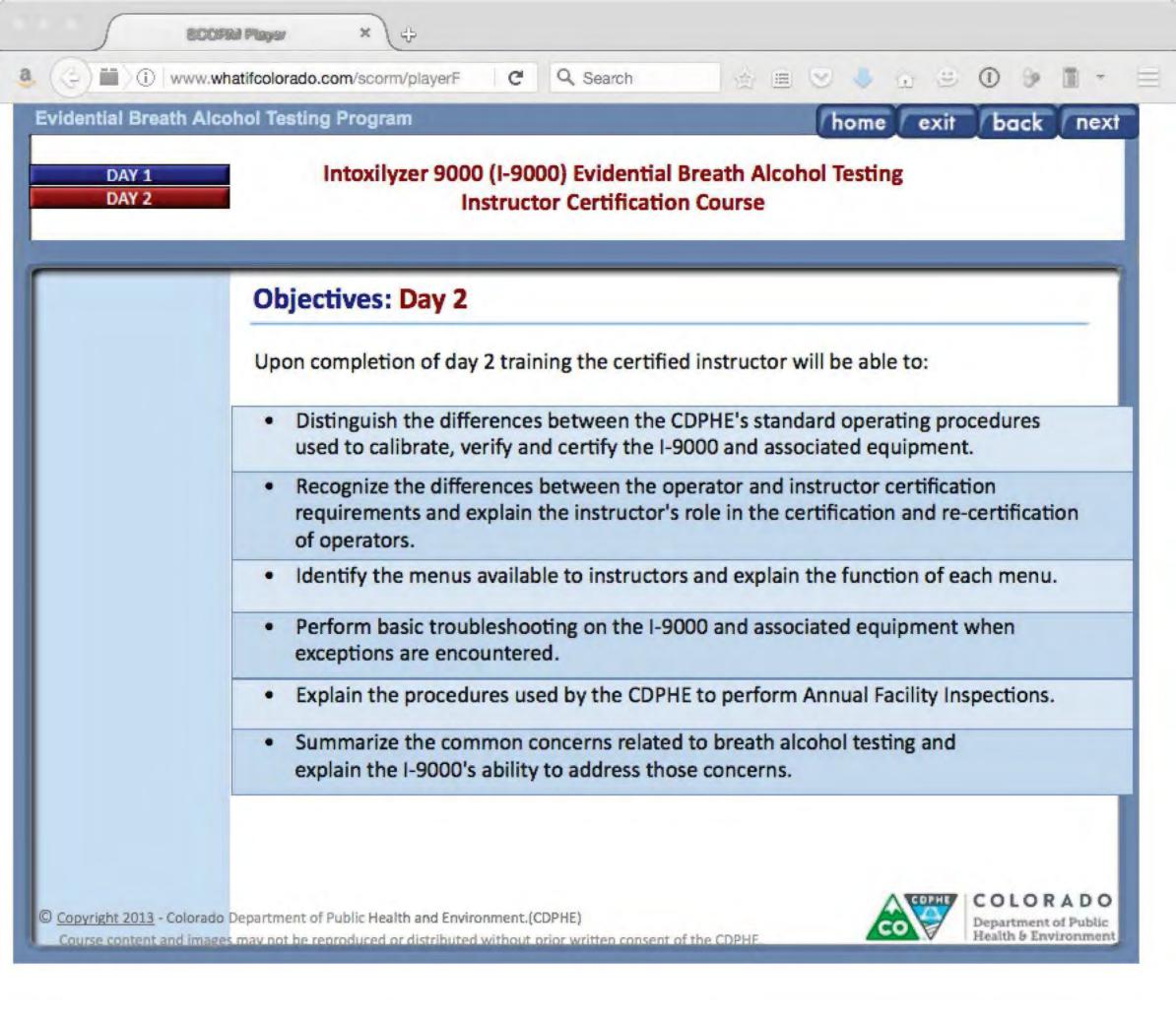
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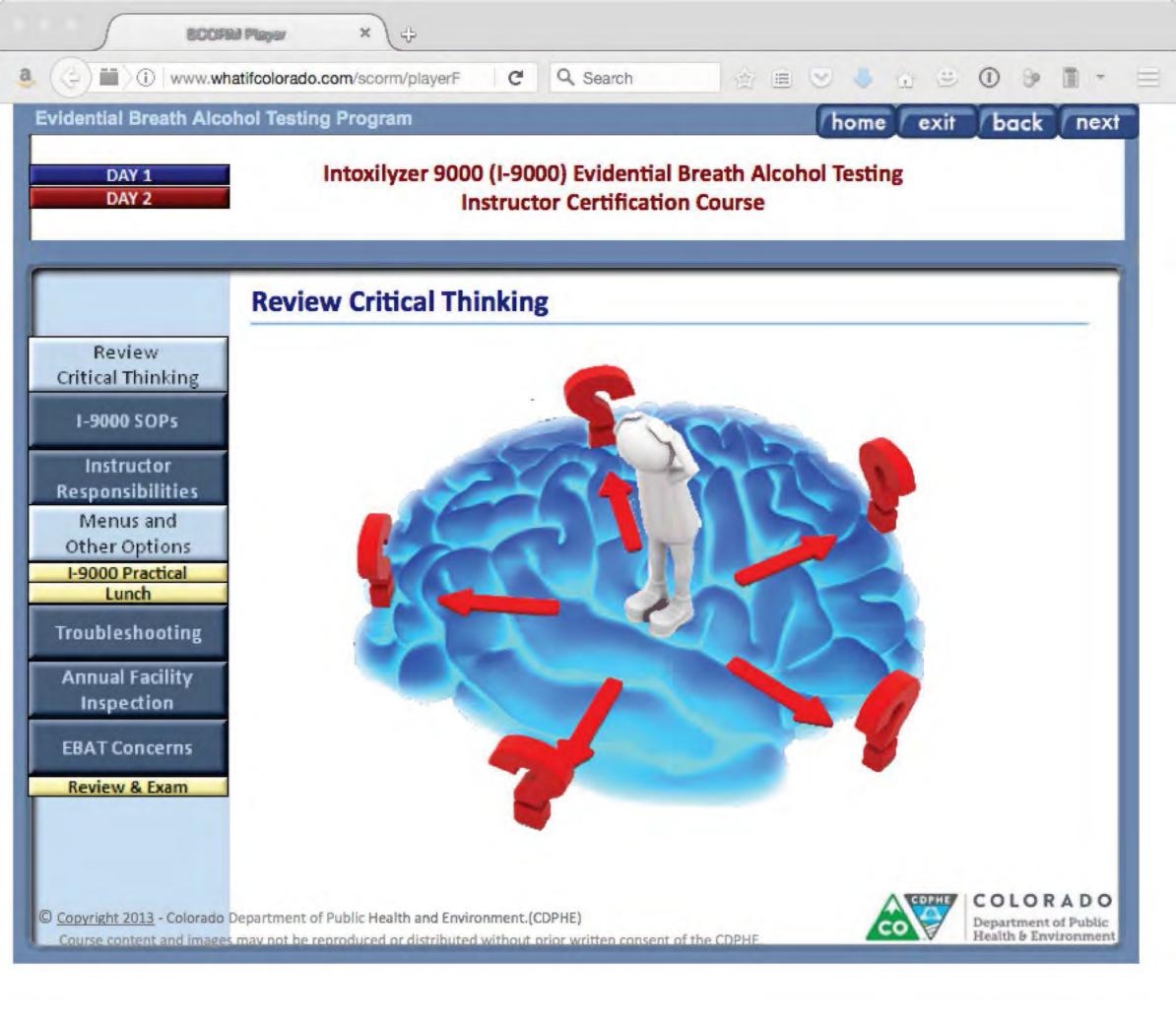


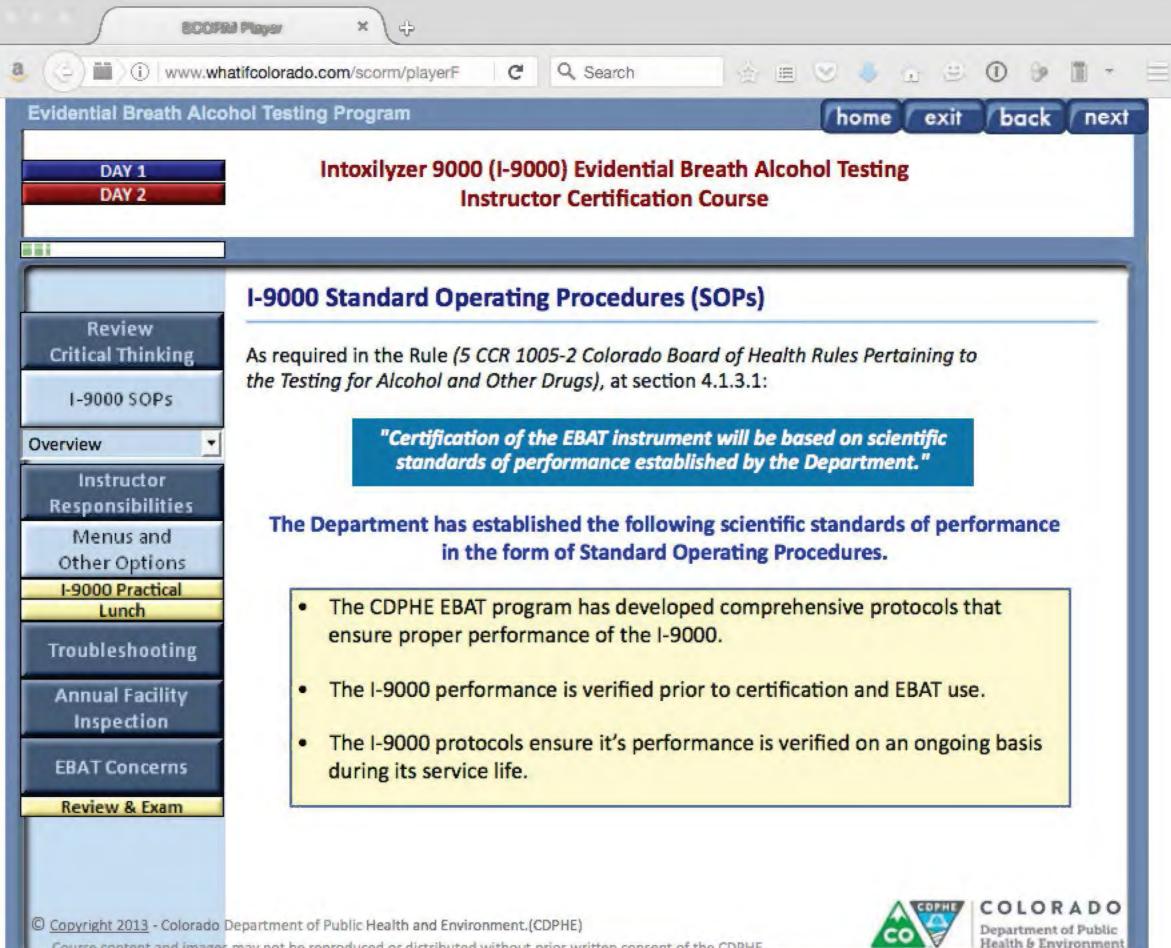
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			home exit back nex	
Intoxi	yzer 9000 (I-9000) Instru	ament Performance Report (IPR)	Intoxilyzer 9000 (I-9000)	
Subject Name: EDAT, EXAMPLE DOB: 01/01/1970 Sex: Male Driver License 0123456789 State: co Zip Code: 80230		Location: CDUBE EVIDENTIAL PREATH ALCOHOL TESTING PROGRAM Serial Number: 50-200217 Test Number: 0217130004 Case Number: TEST EXAMPLE Date & Time of Offense: 05/07/2013 13:00	Evidential Breath Alcohol Testing Instructor Certification Course	
	v		🔶 IPR Example	
I-9000 Certifie Test Date: Test Time: Instructor User ID: Lot Number: Bottle Number: Expiration Date: Target Value: Target Value	Control Change Record 05/07/2013 13:46:42 79490 201208D 176 09/07/2014 09/07/2014 0.000 g/210L (0.095 = 0.105)g/210L 0.000 13:47:05 0.000 13:47:05 0.000 13:47:31 0.000 13:47:31 0.000 13:48:12 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:50:26 0.000 13:52:42 0.000 13:54:55 0.000 13:54:55 0.000 13:54:56 0.000 13:54:56 0.000 13:56:03 0.000 13:56:03	I-9000 Verification Record Test Date: 04/15/2013 Test Time: 00133135 Technician User ID: 457497 Certificate #: 02171300011 Acceptable Rance 0.015 0.025 .020 0.017 (0.015 0.025) .040 0.039 (0.035 0.045) .050 0.047 (0.045 0.055) .080 0.097 (0.095 0.055) .080 0.097 (0.095 0.055) .080 0.017 (0.095 0.055) .080 0.027 (0.045 0.055) .090 0.0391 (0.095 0.055) .090 0.194 (0.190 0.210) .200 0.194 (0.190 0.210) .300 0.393 (0.380 0.420) Interferent * * * Verification Test: PA38 Improper Sample: PA38 EBAT Test: PA38 Improper Sample: PA38 EBAT Test: PA38 Improper Sample:	This is an example of the 1-9000 Instrument Performance Report that is generated at the completion of an EBAT sequence, to include exception messages. Mouse over each magnifying glass section of the report for more info and to see a larger image of the section. Mouse off the magnifying glass to hide report section information.	
Air Blank 0.000 13:57:11 Exception Meet Wet Cal Chk 0.098 13:57:37 * Invalid 3 Air Blank 0.000 13:58:18 * Invalid 3		Exception Message Humber * Invalid Sample * Ho 0.020 Agreement * Range Exceeded	9000 (I-9000) Instrument Performance Report (IPR)	
Average Standard Deviation Relative Std Dev 60-day Average	0.0985 0.0007 0.0072 0.097	 Range increased Test Sequence Aborted Subject Perfused Calibration Check Out Of Tolerance Diagnostic Failure Unstable Reference Simulator Communication Failure Simulator Communication Failure 	70 Sonol Number: 90-900217 Fist Number: 0217130004 Case Number: TRAT EXAMPLE Date & Time of Otherse: 03/07/2013 13:00	
Calibration Check Correlation Failure Technikian User ID Purge Failure		 Calibration Check Correlation Failure Purge Failure 1 	LONG Mainteenant Liston Dernet	
04/17/2013 467497 I-9000 Certification Record		* RFI Detected 1 * Ambient Failure 1 * Improper Sample 1 * Interferent Detected * Simulator Temperature Out Of Pape Page	1-9000 Maintenance History Record echnician Name Description 67497 I-9000 CALIBRATICH VERIFICATION TESTI SUBCESSFULLY COMPLETED. THIS INSTRUME CENTIFIED BY COMPLETED. THIS INSTRUME ALCOHOL TESTING.	



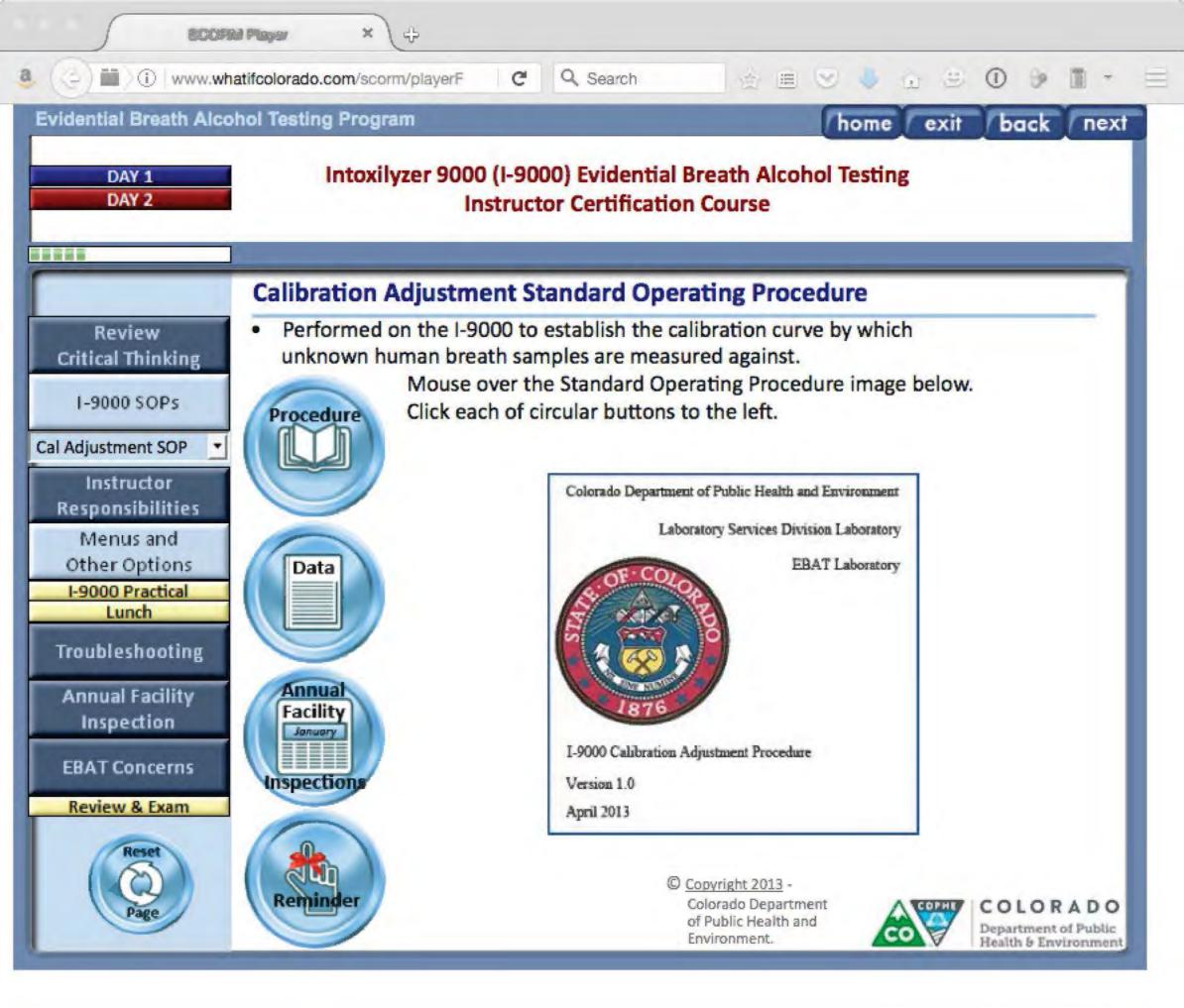


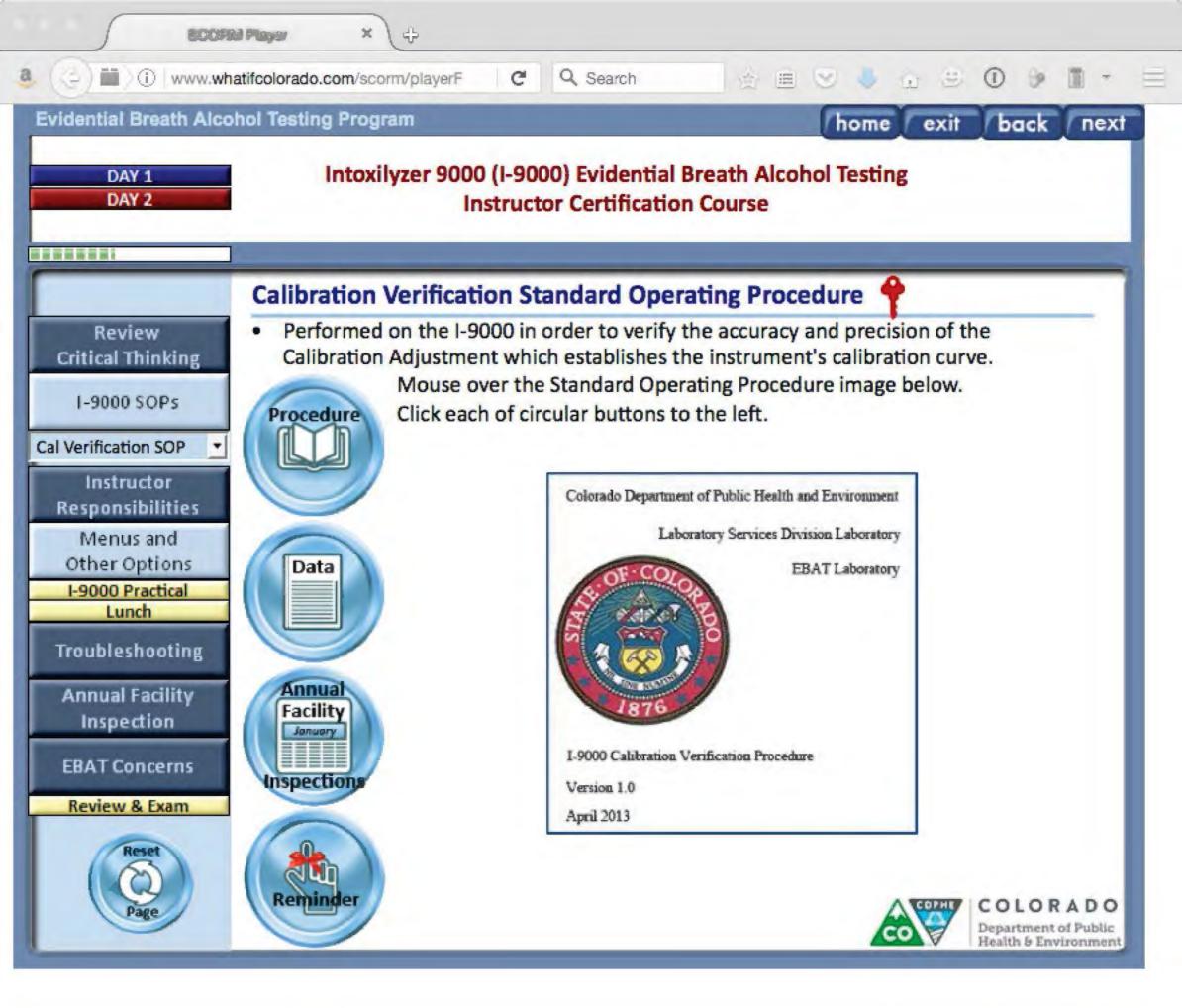




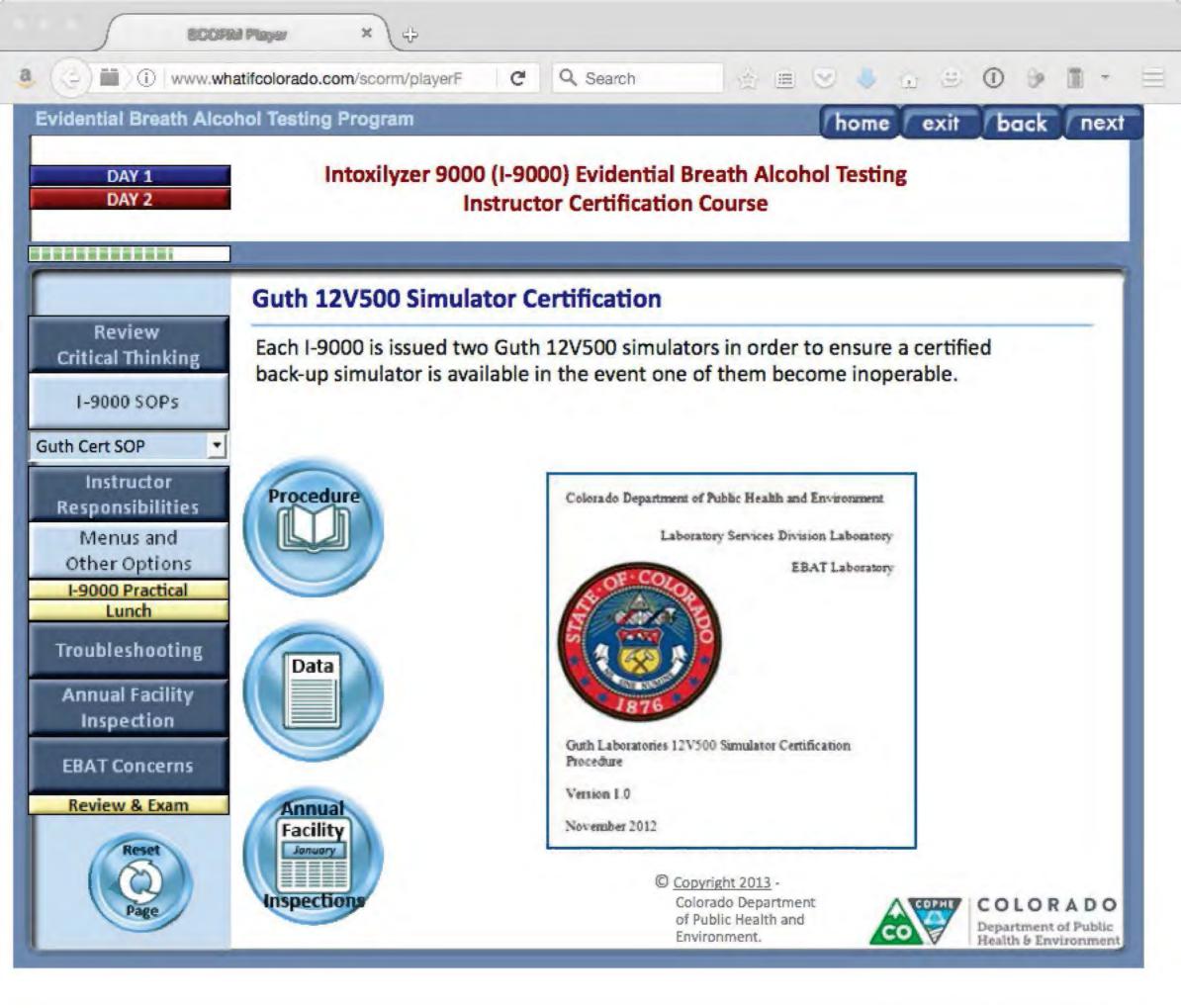


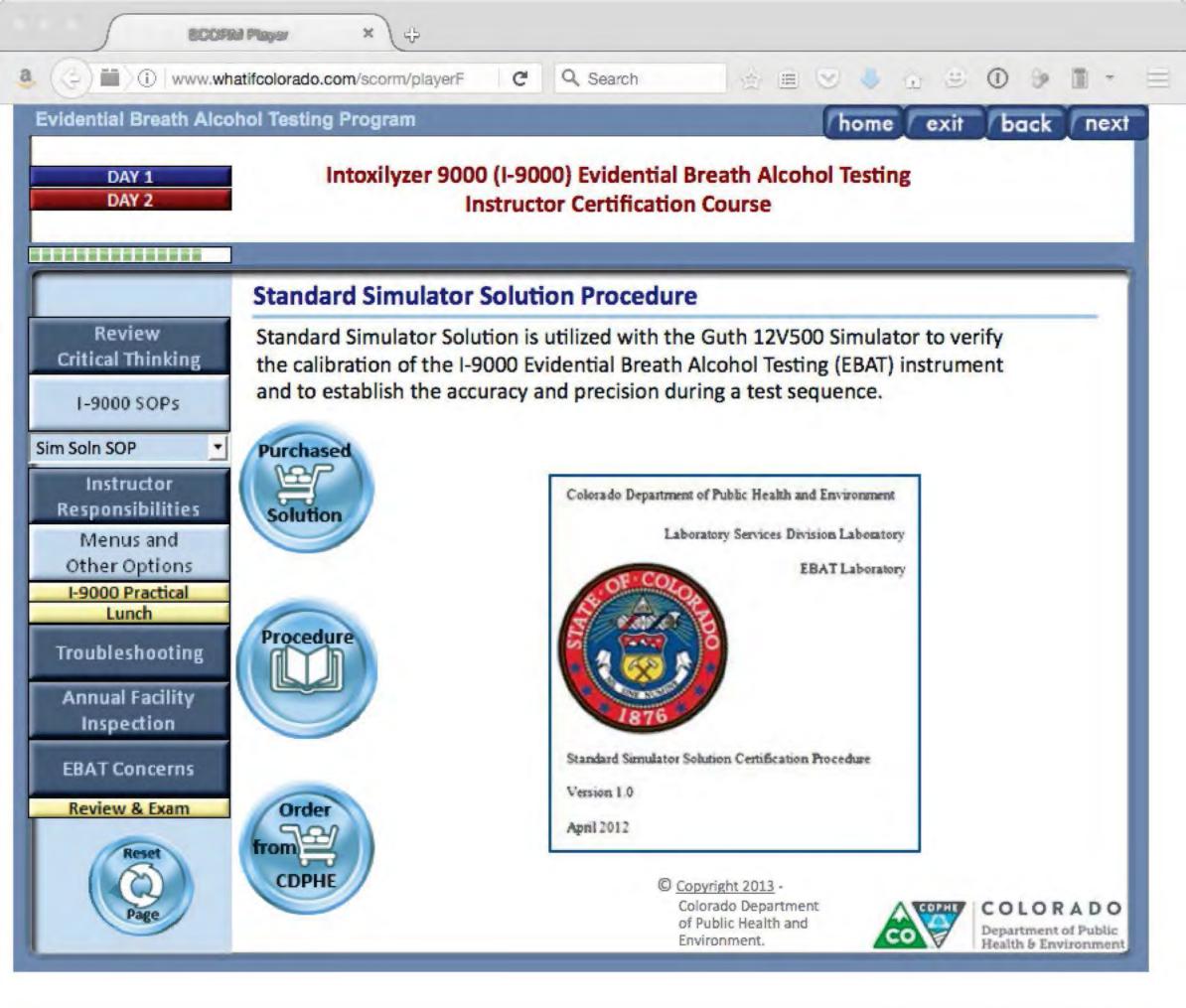
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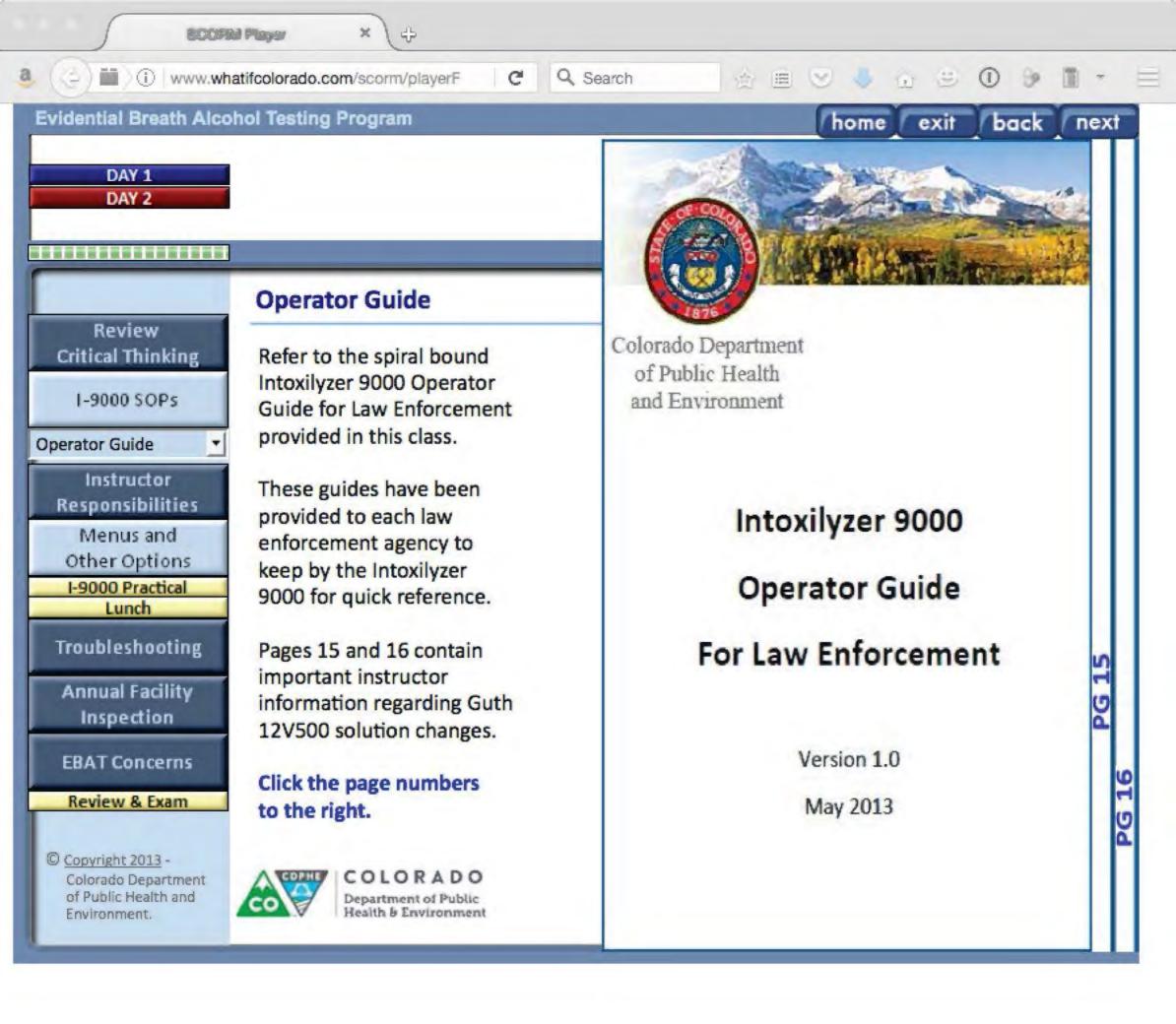




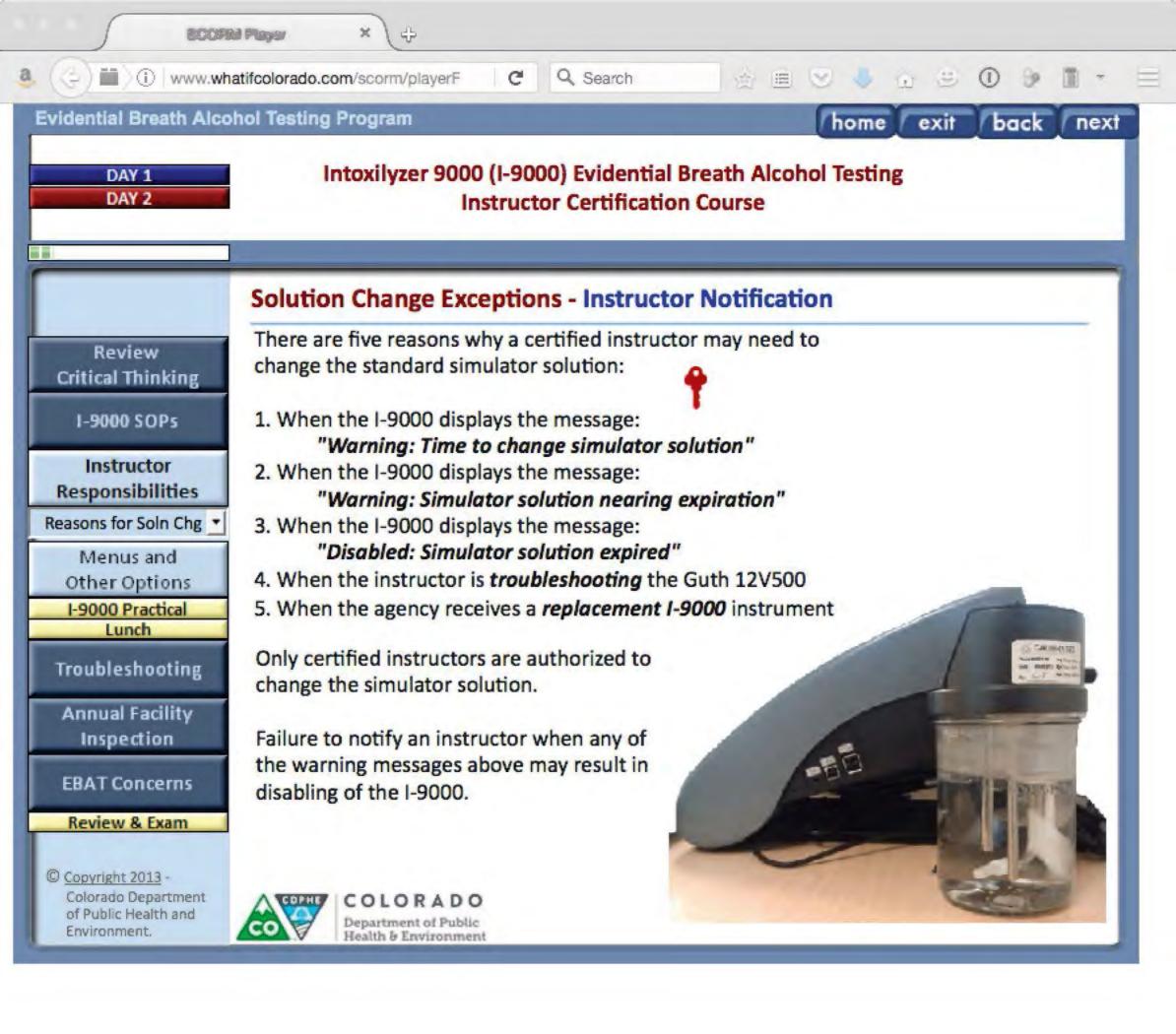
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Evidential Breath Alcoh	ol Testing Program	home exit back next				
DAY 1 DAY 2		I-9000 Certification Worksheet	Date Serial Number Asset Tag			
Review Critical Thinking I-9000 SOPs	I-9000 Certification Worksheet	Colorado Department of Health IP A Ship to: Gate Colorado Department of Health Sub B100 Lowry Blvd. Sub Denver, CO 80230 Ana Calibration Adjust Flow Sensor (>0.998) Pas	C Address:			
Instructor Responsibilities Menus and Other Options I-9000 Practical Lunch Troubleshooting Annual Facility		Calibration Verification Standard Change (0.095-0.105) Average:g/210 I Linearity Test Pass Interferant Detected Pass Stability Test: Averageg/210 L Pass Standard Deviation (<0.003)	Card Reader Signature Pad P Settings Modem Field Settings Simulator St P000 Certification Certificate #			
Inspection EBAT Concerns Review & Exam © Copyright 2013 - Colorado Department of Public Health and Environment.	COLORADO Department of Public Health & Environment	Signature Pad with USB Adapter Operation Cable Simulator Communication Cable Guth Trainer Access Card Perip Power Supply Cables (3) Guth Ethernet Cable Standard Simulator Solution Standard Simulator Solution MP_ Lot Number Printe Performed By: Reviewed	ficate ption Message Guide ator Guide 12V500 Manual heral Equipment 12V500 Simulators (2) MP			

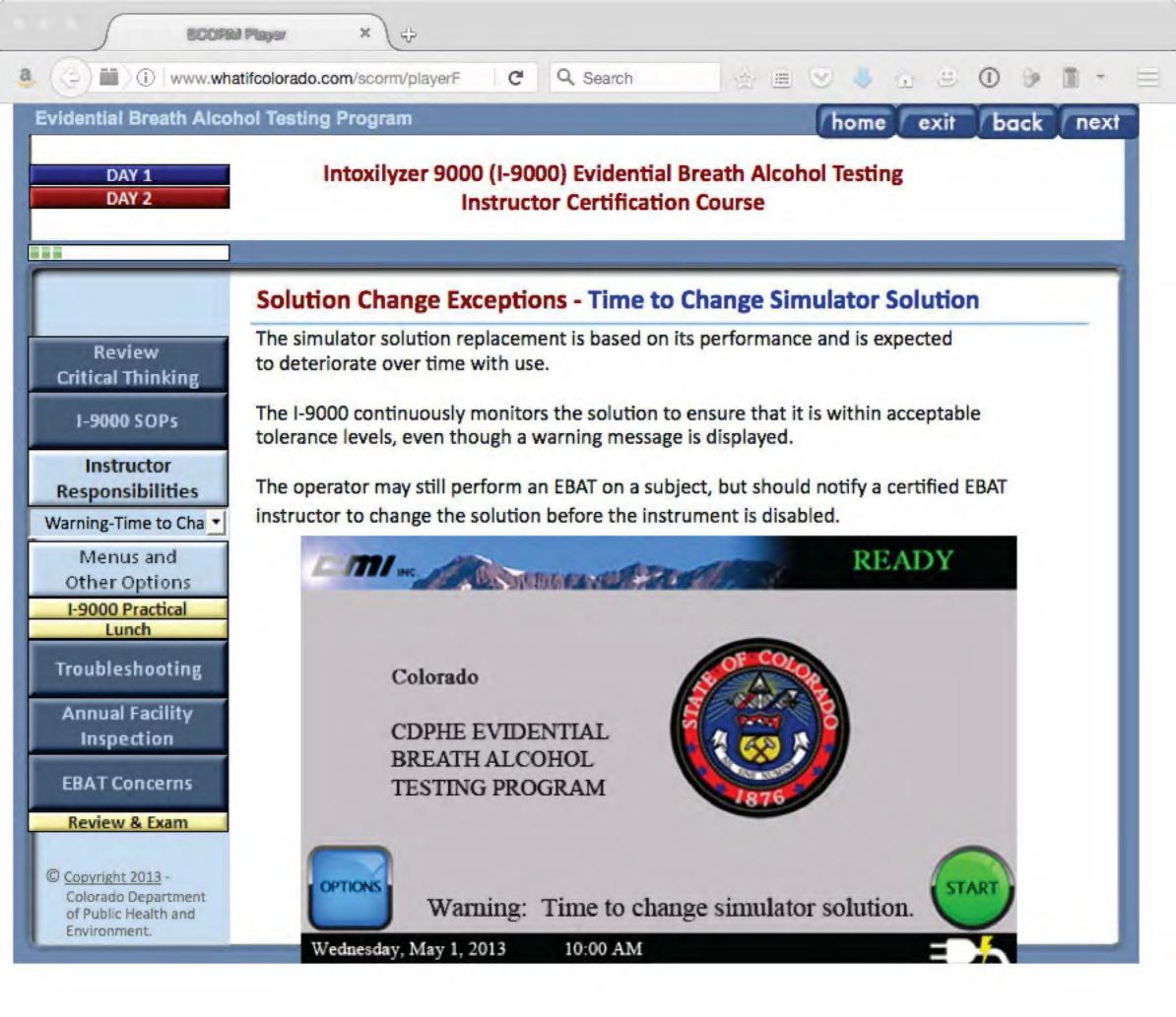


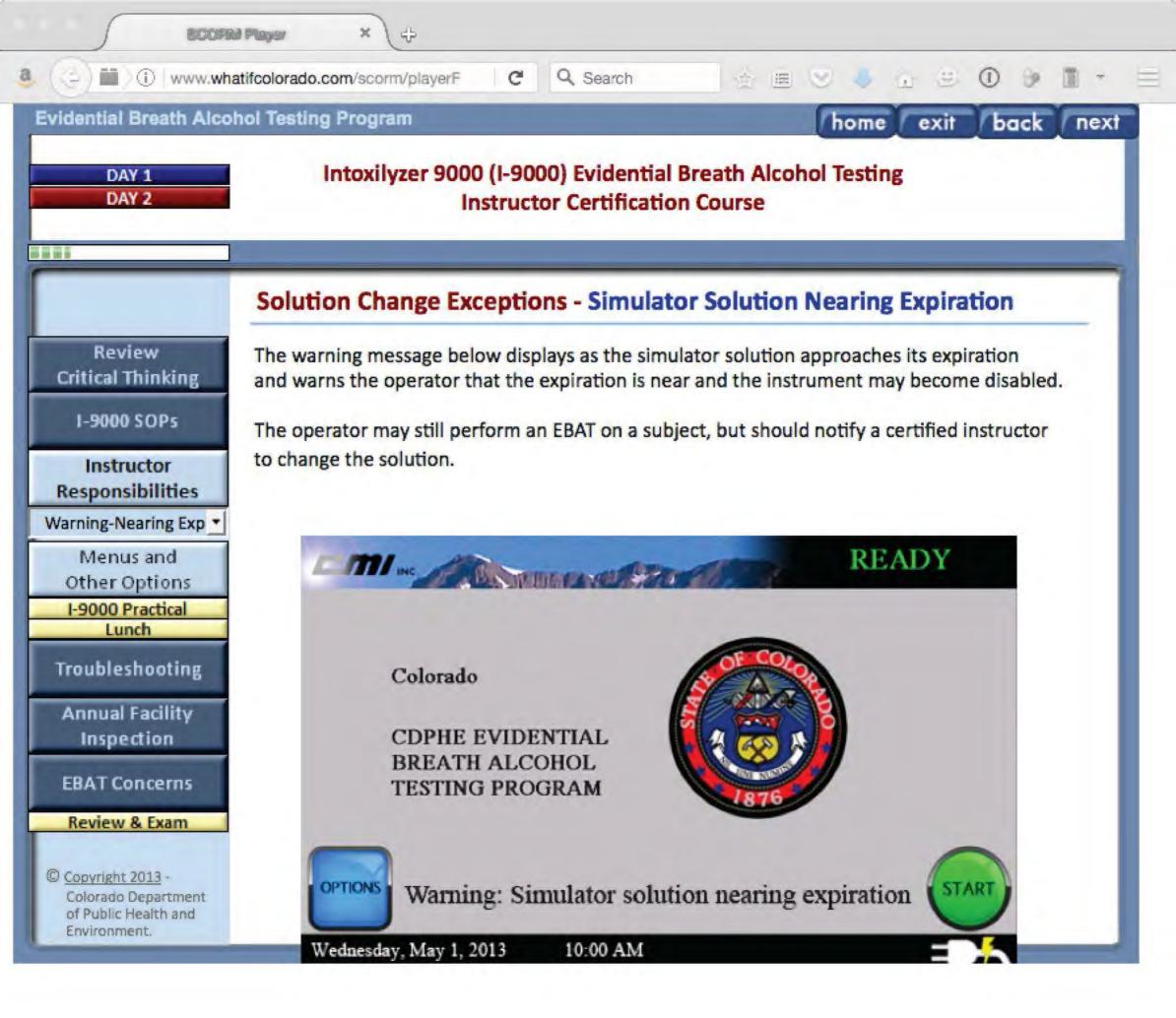


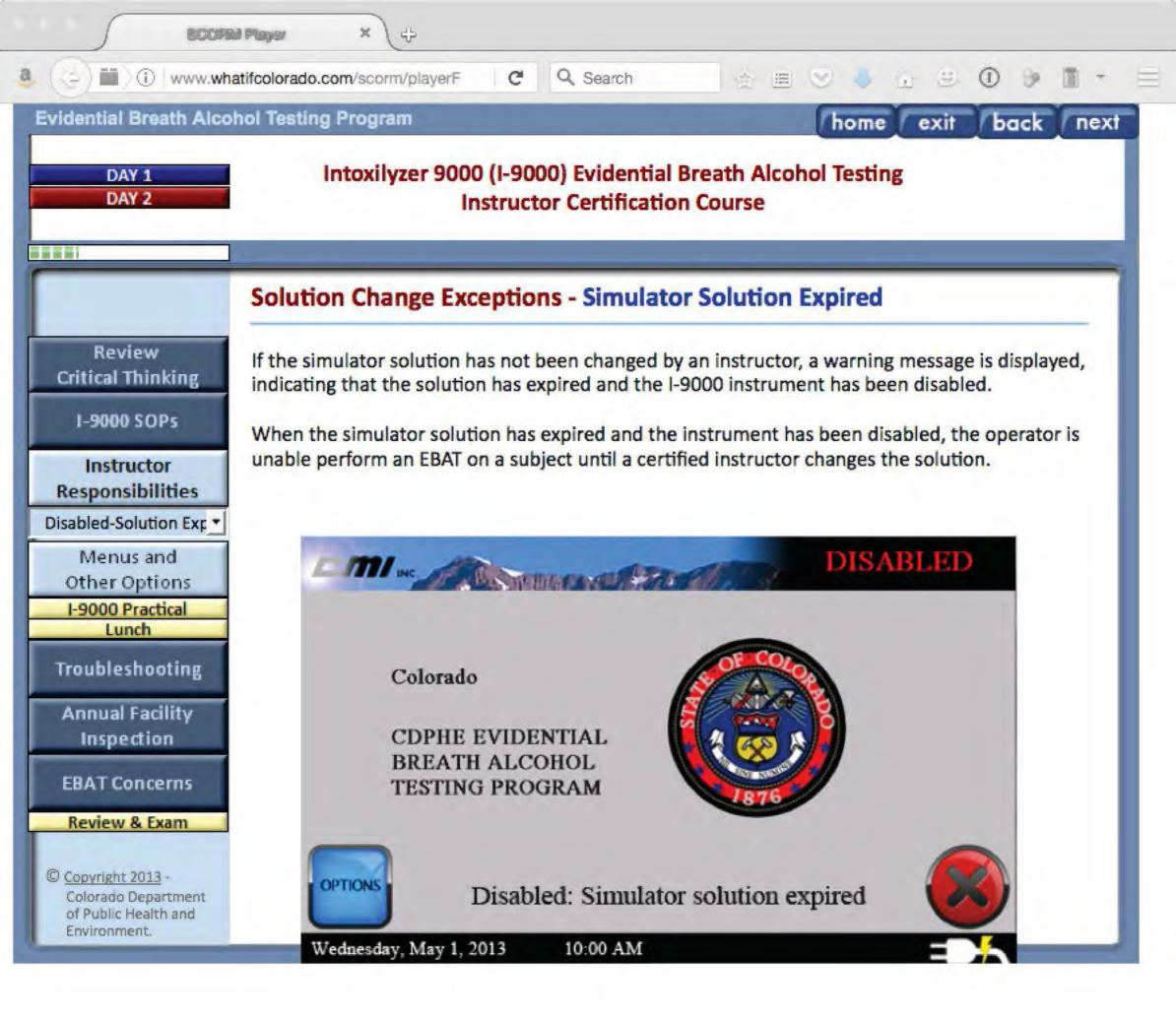


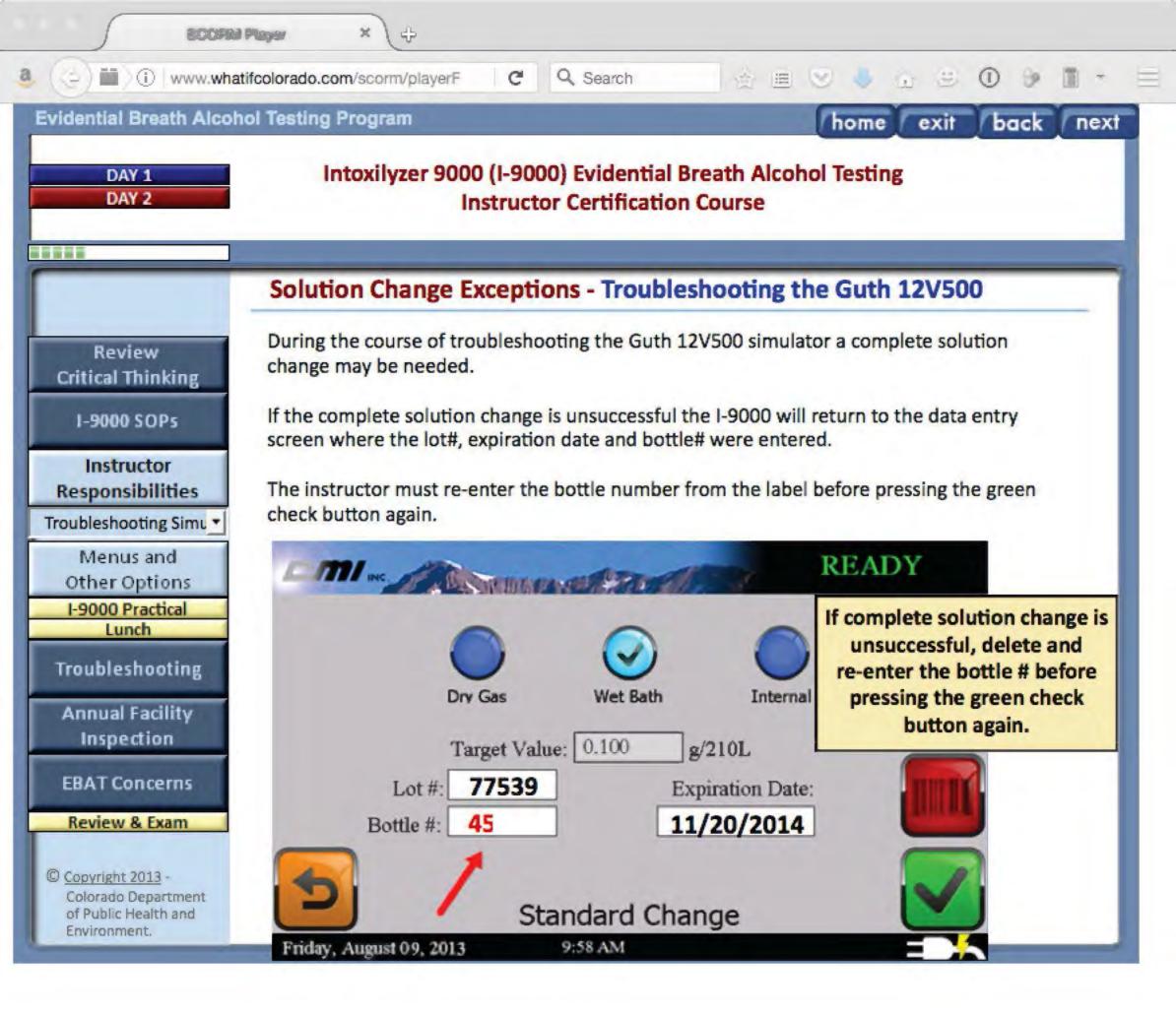
vidential Breath Alco	hol Testing Program home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
	Instructor Responsibilities
Review Critical Thinking	Certified EBAT instructors have five responsibilities:
I-9000 SOPs	Perform Guth 12V500 solution changes
Instructor Responsibilities	Complete online instructor refresher course each year
Nenus and Other Options	Assist in teaching new operator certification classes biennially
I-9000 Practical Lunch	Remind operators of certification requirements, record retention and refresher courses.
Troubleshooting Annual Facility Inspection	Review I-9000 printouts for quality assurance (QA)
EBAT Concerns Review & Exam	

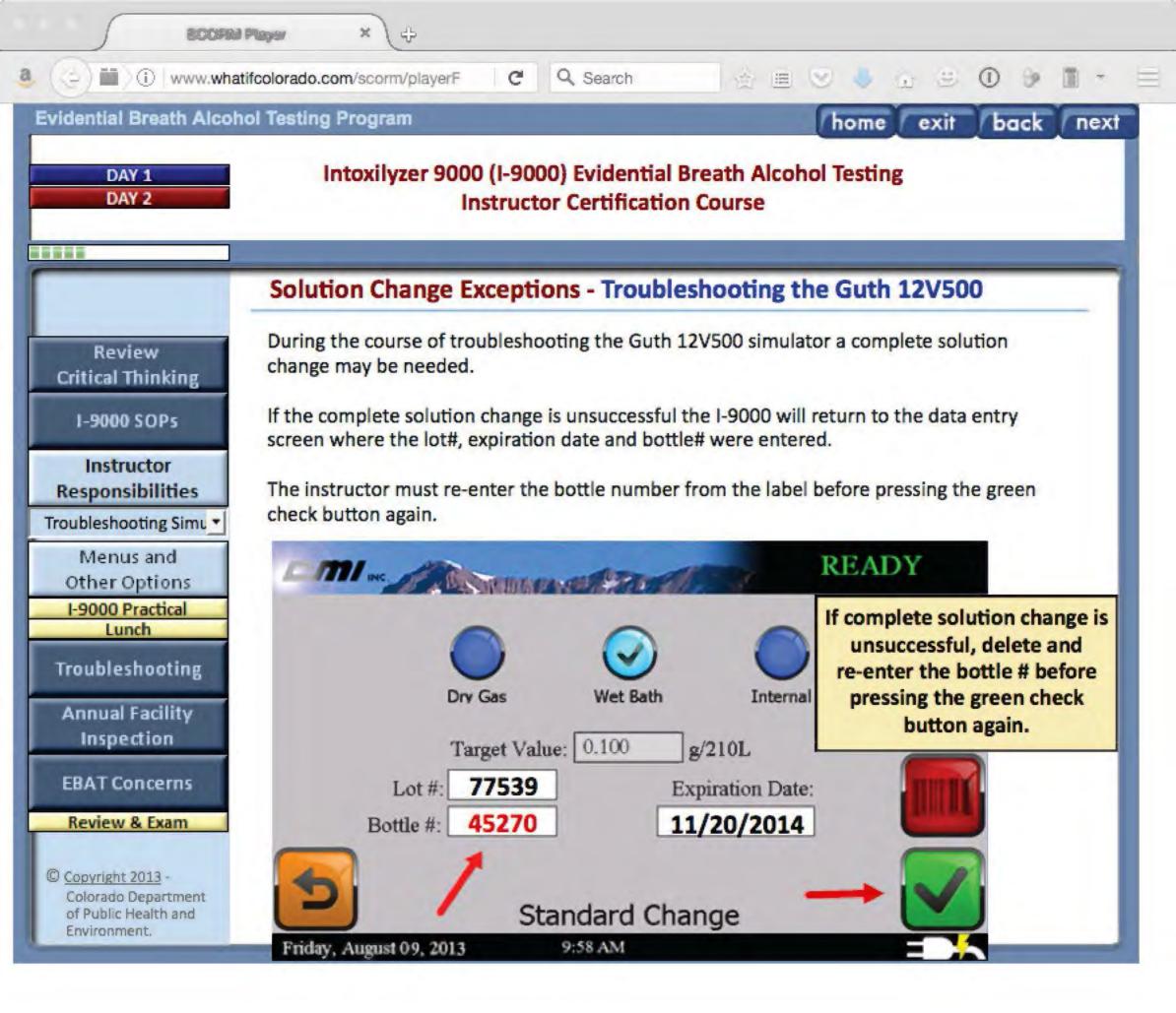


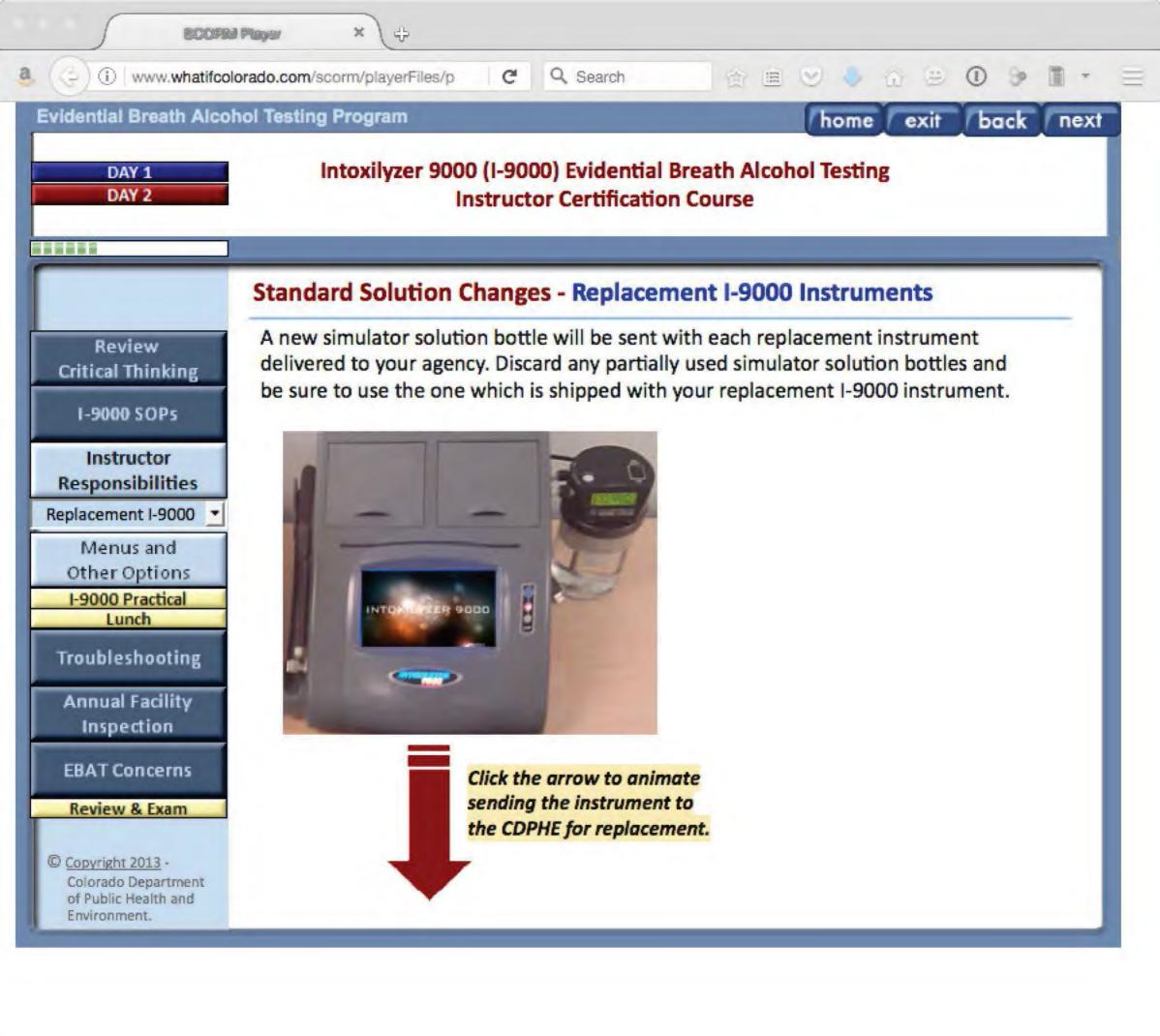


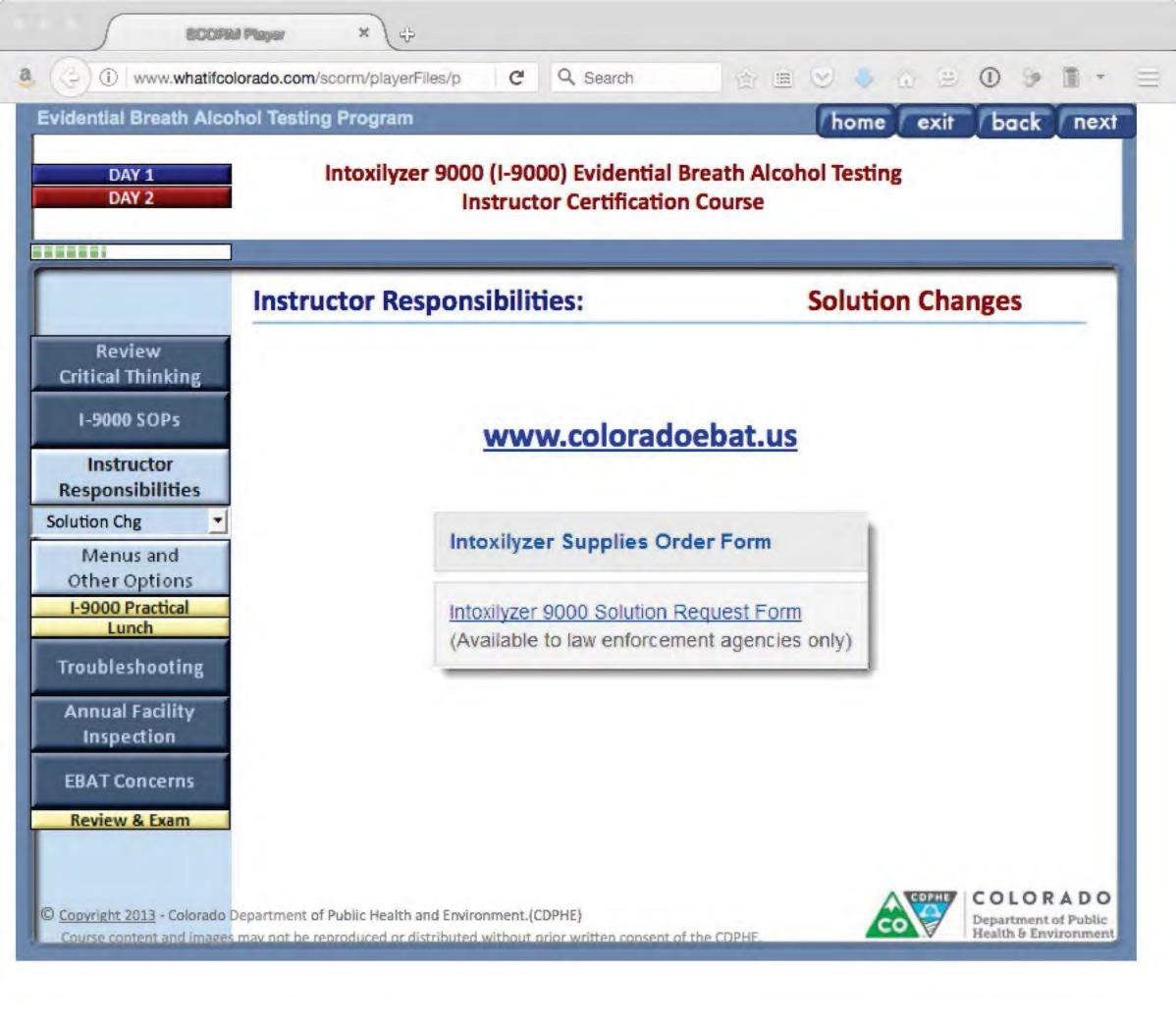


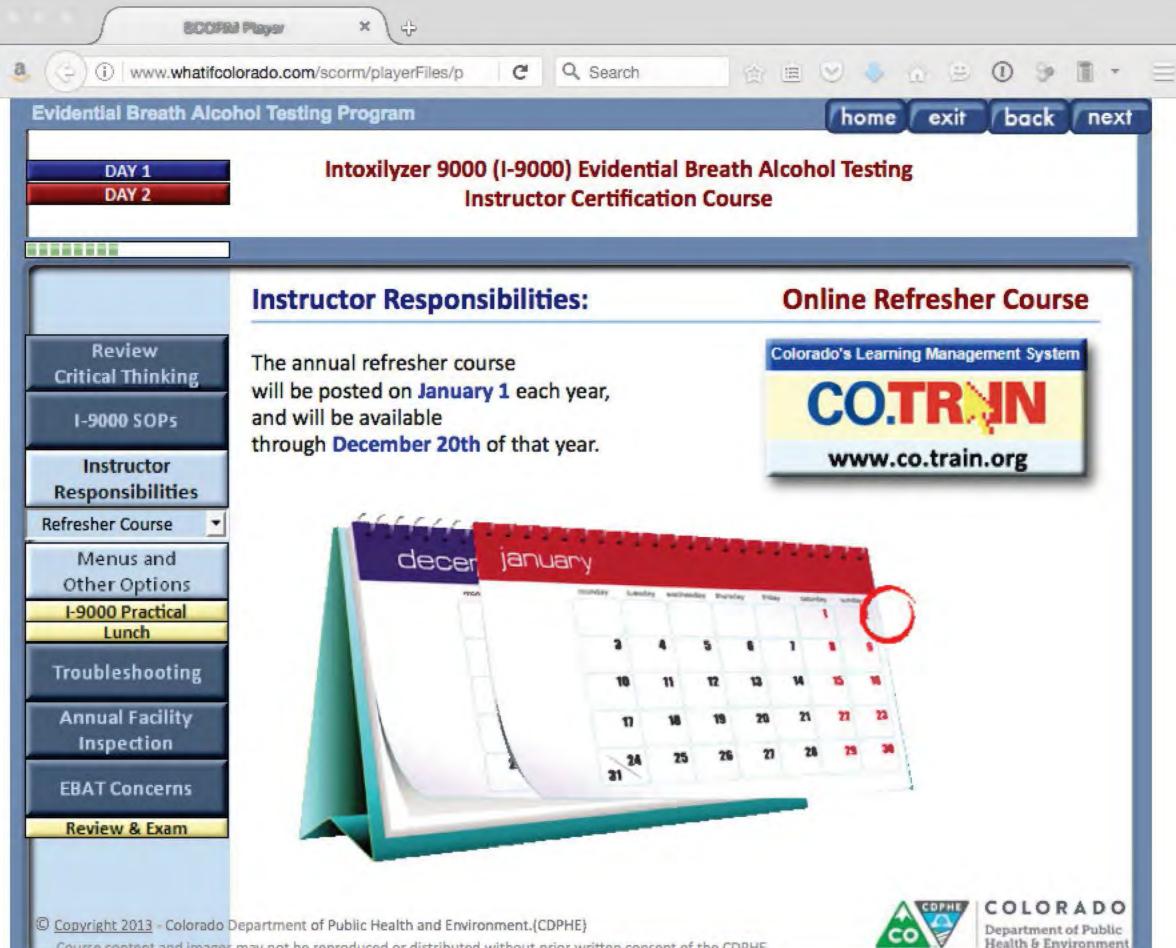




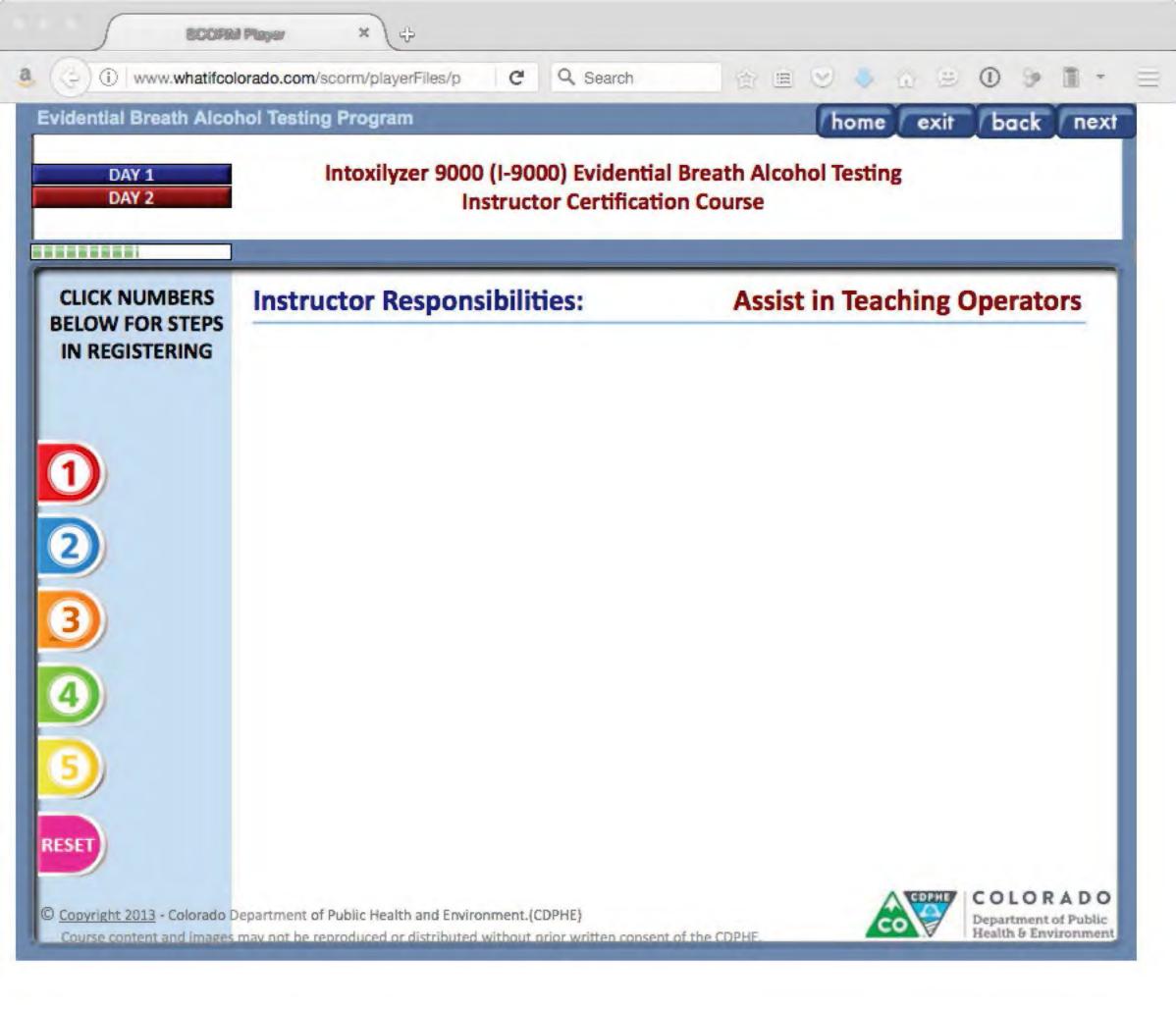


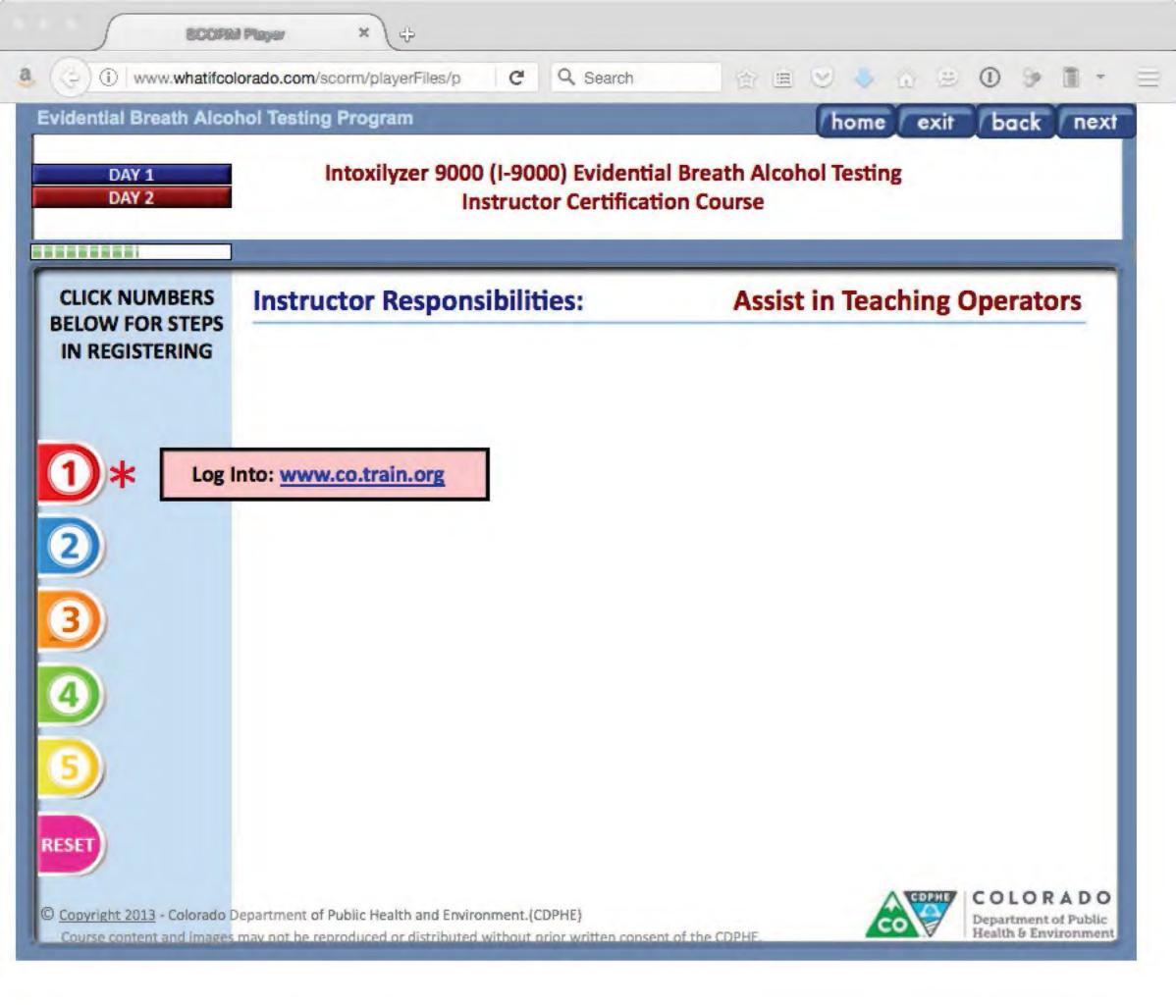


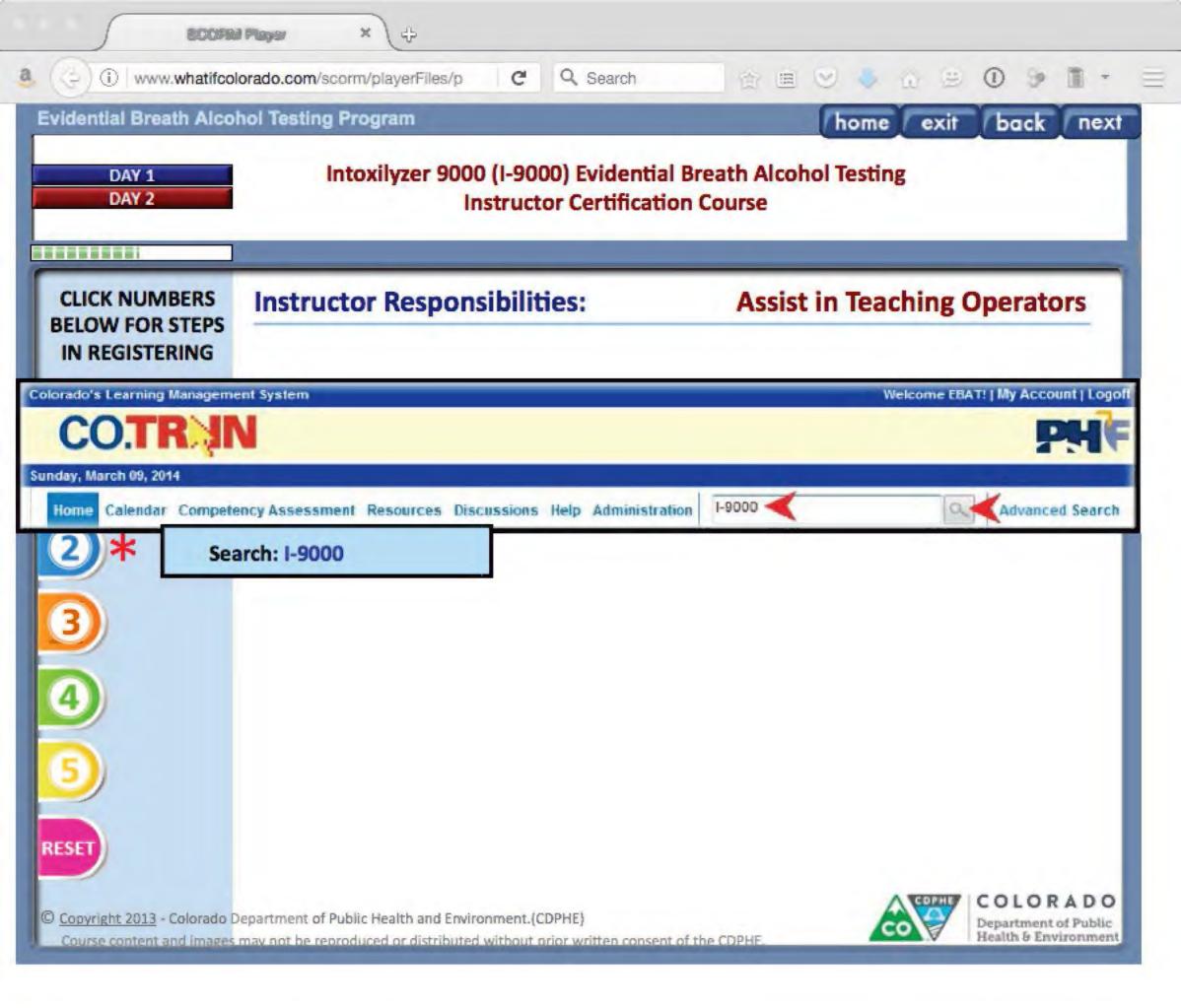




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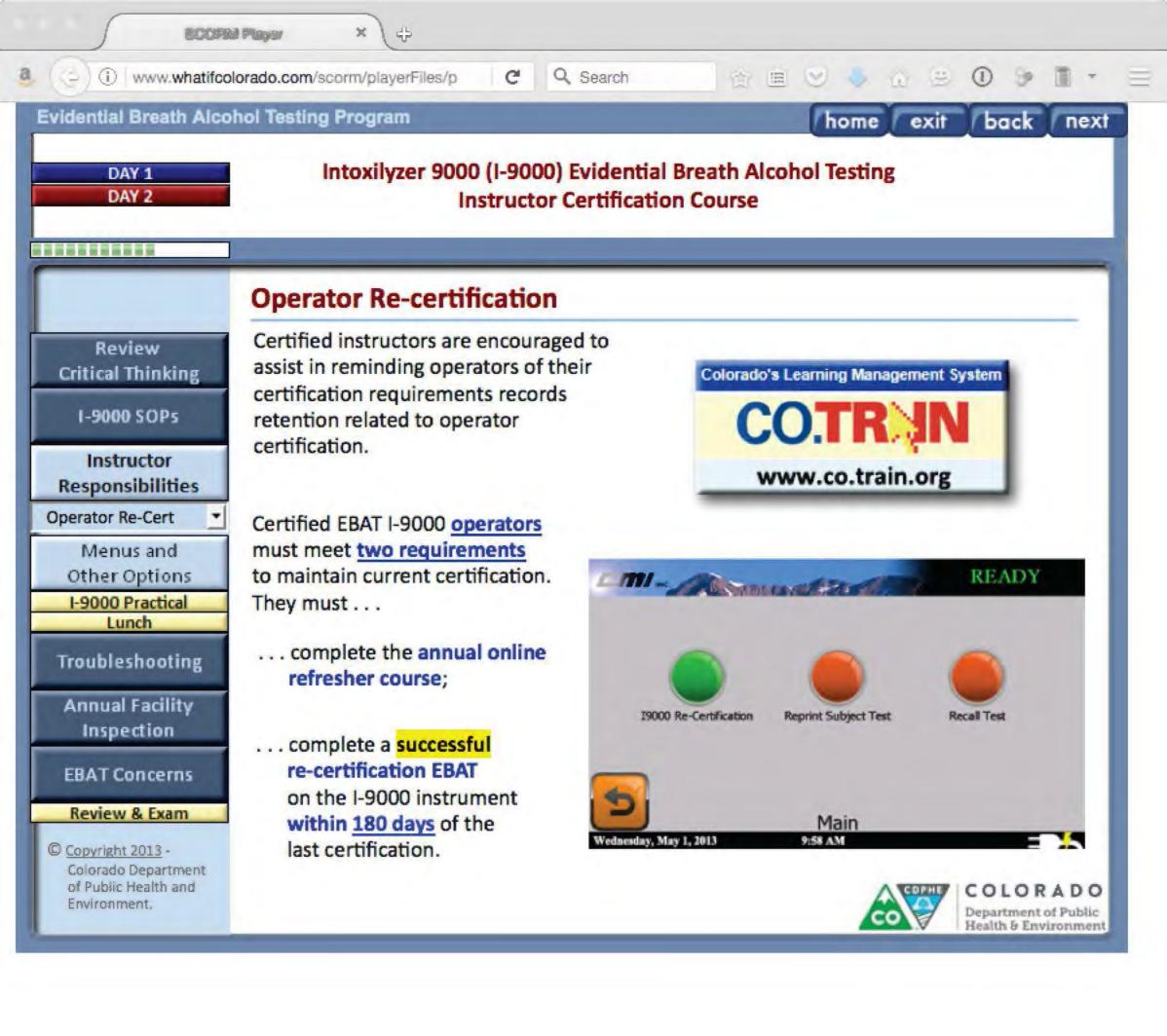


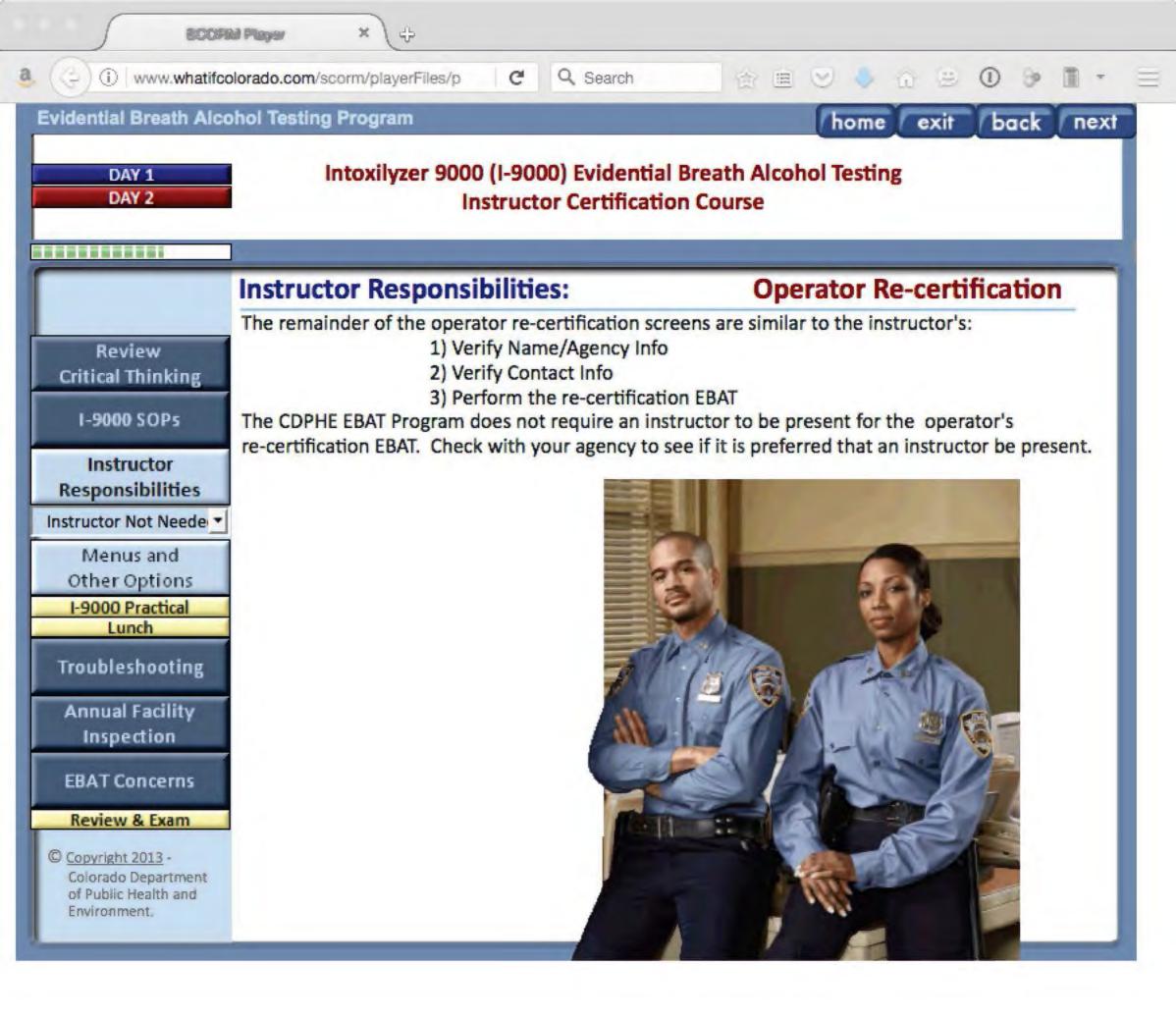


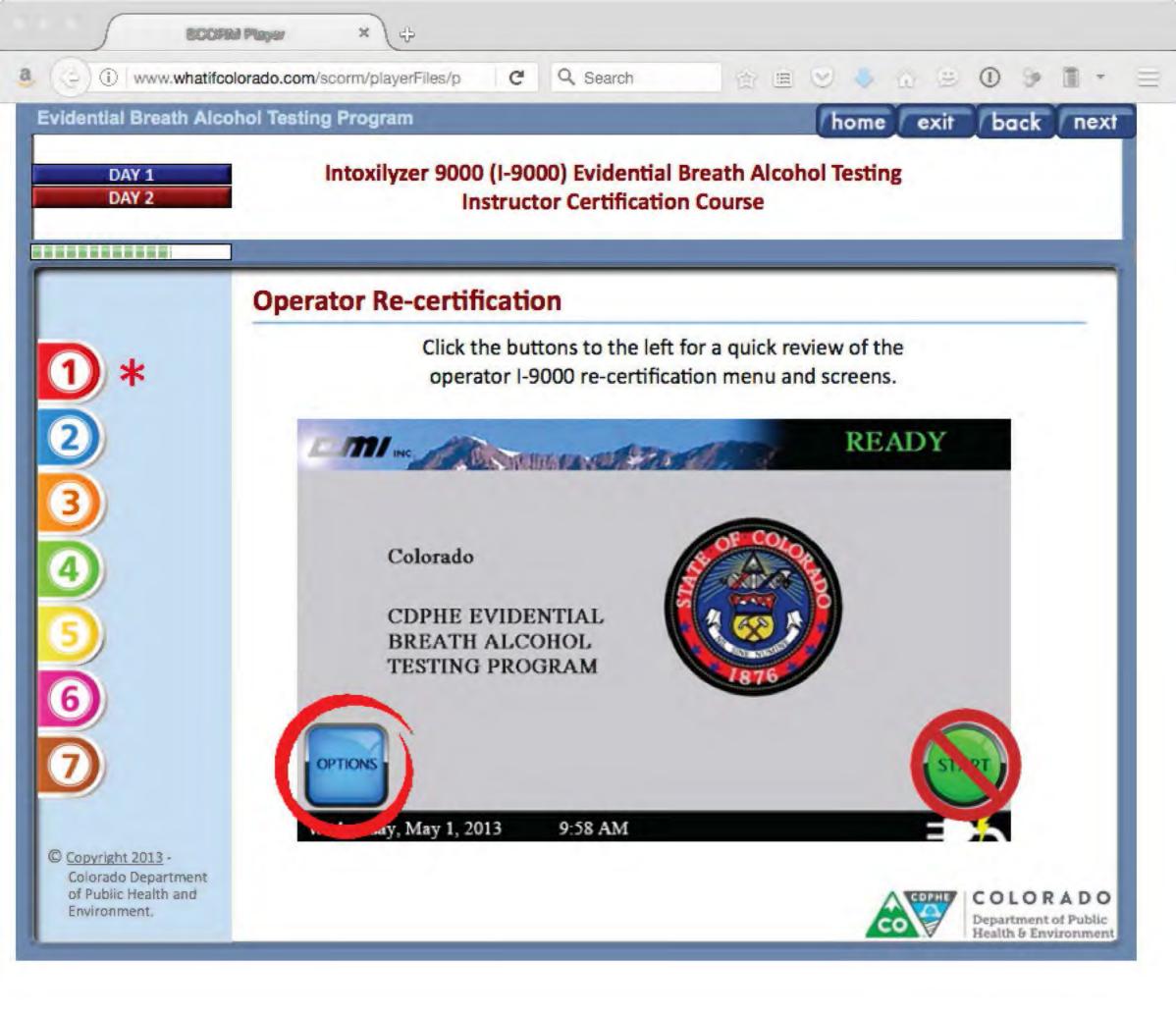
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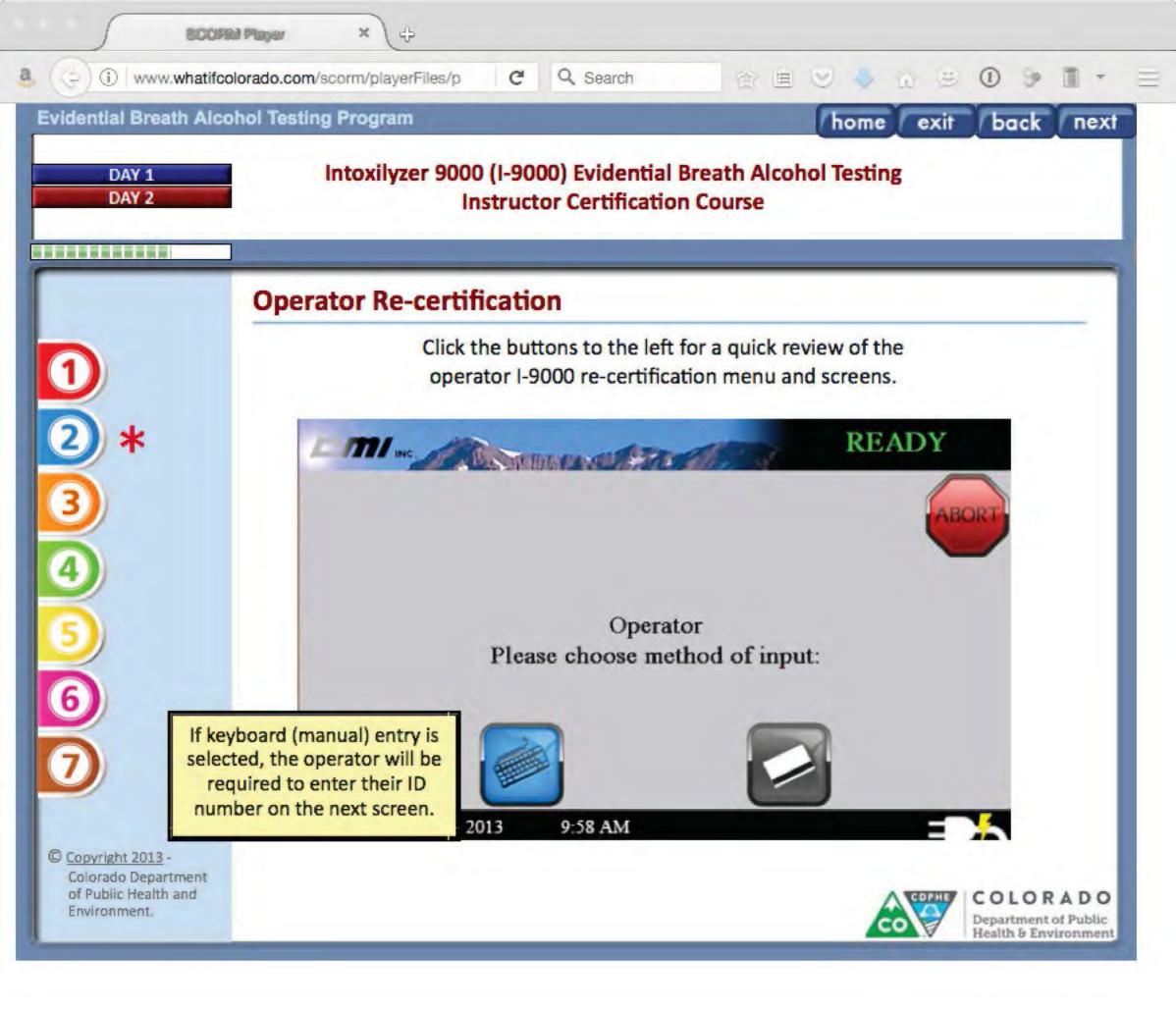
Evidential Breath Alcol	hol Testing P	Course Details	Q Search (☆ 🖻 🕑 💊 🟠 😕 🛈 🦻 🔳 ▪
DAY 1 DAY 2	Int		RUCTOR Biennial TEACHING Operator Certification Course
CLICK NUMBERS BELOW FOR STEPS IN REGISTERING	Instruct	Course ID: Format: Clinical / Non-Clinical: Course Number: Cost (US\$): Credit Type(s): Scheduled Date: Certificate:	1045375 On-Site - Classroom course or workshop (Live Event) Non Clinical 0.00 none Multiple Dates Get more dates and times
	Registration		This course fulfills the requirement of 1-9000 <u>certified instructors'</u> bienniel participation in <u>teaching</u> an 1-9000 operator certification course. This course is <u>for certified instructors only</u> , not new operators. If you are seeking 1-9000 <u>new operator certification</u> , or allowed your operator certification to lapse, <u>do not sign up for this course</u> , as this is for instructors only. Search by Course D: <u>1045470</u> or <u>click this link</u> for the new operator certification course.
RESET		*	This is a <u>full day instructor</u> obligation. Instructors are expected to arrive prior to the start of class and assist with the lab practical and proctoring of the exam. Instructors who do not fulfill the above requirement will not receive credit for assisting in teaching this class.
© <u>Copyright 2013</u> - Colorado D Course content and images		Subject Area(s): Audience(s):	Law Enforcement

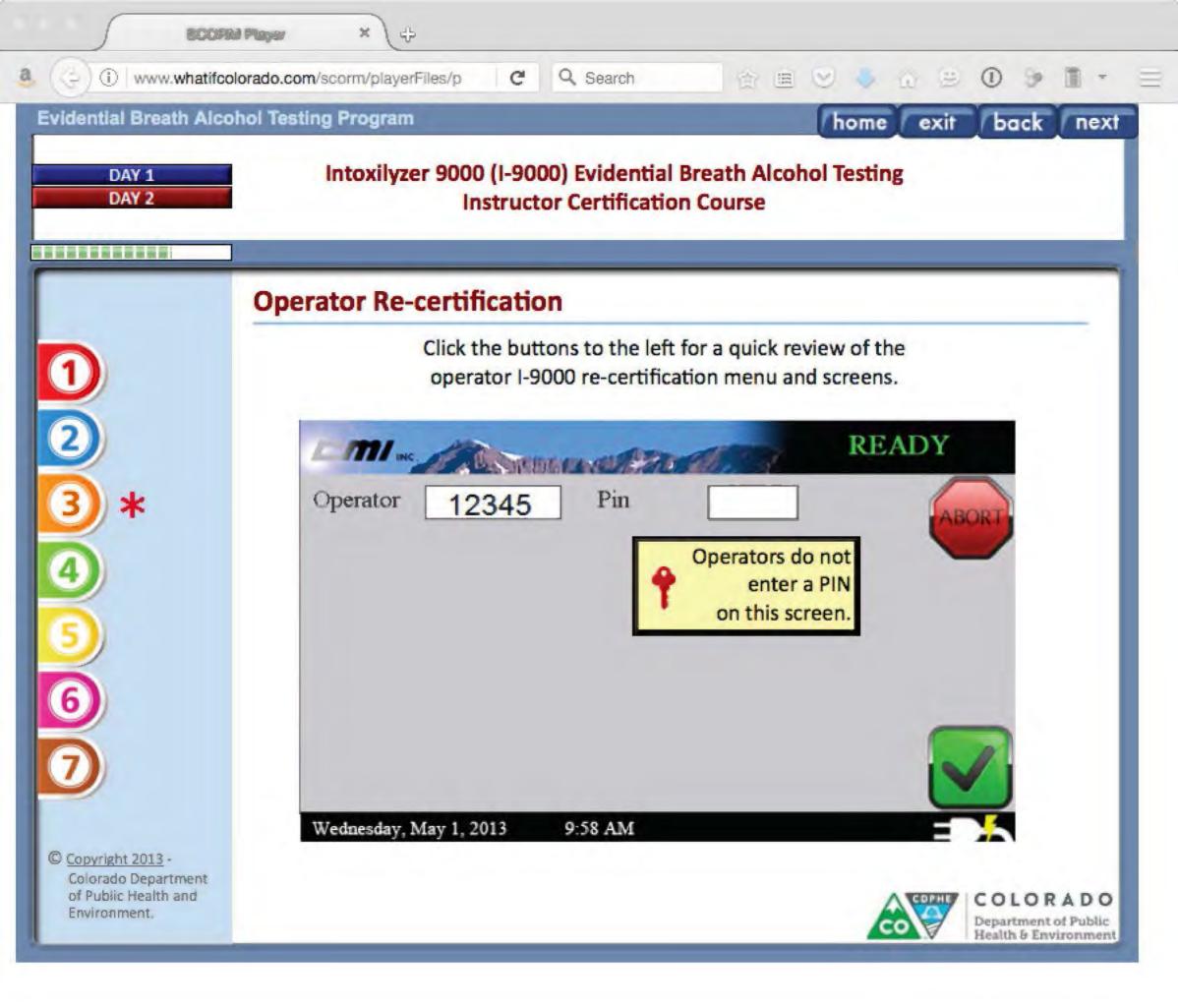
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breat Instructor Certification Cou			
Course Details	STRUCTOR Biennial TEACHING Operator Cer	rtification Course	ſ	Back
Course Details	Contacts Registration Reviews		L	
	ny column, click the column heading. Or use default order by Date	e		
Tip: Alphabetical Details	page indexing is used when sorted by Location. Location	Date	Distance	
Details Map	*Teller County Sheriff's Office	3/11/2014 7:30 AM MT	57	Register
	*Trinidad State Junior College	3/13/2014 7:30 AM MT	170	Register
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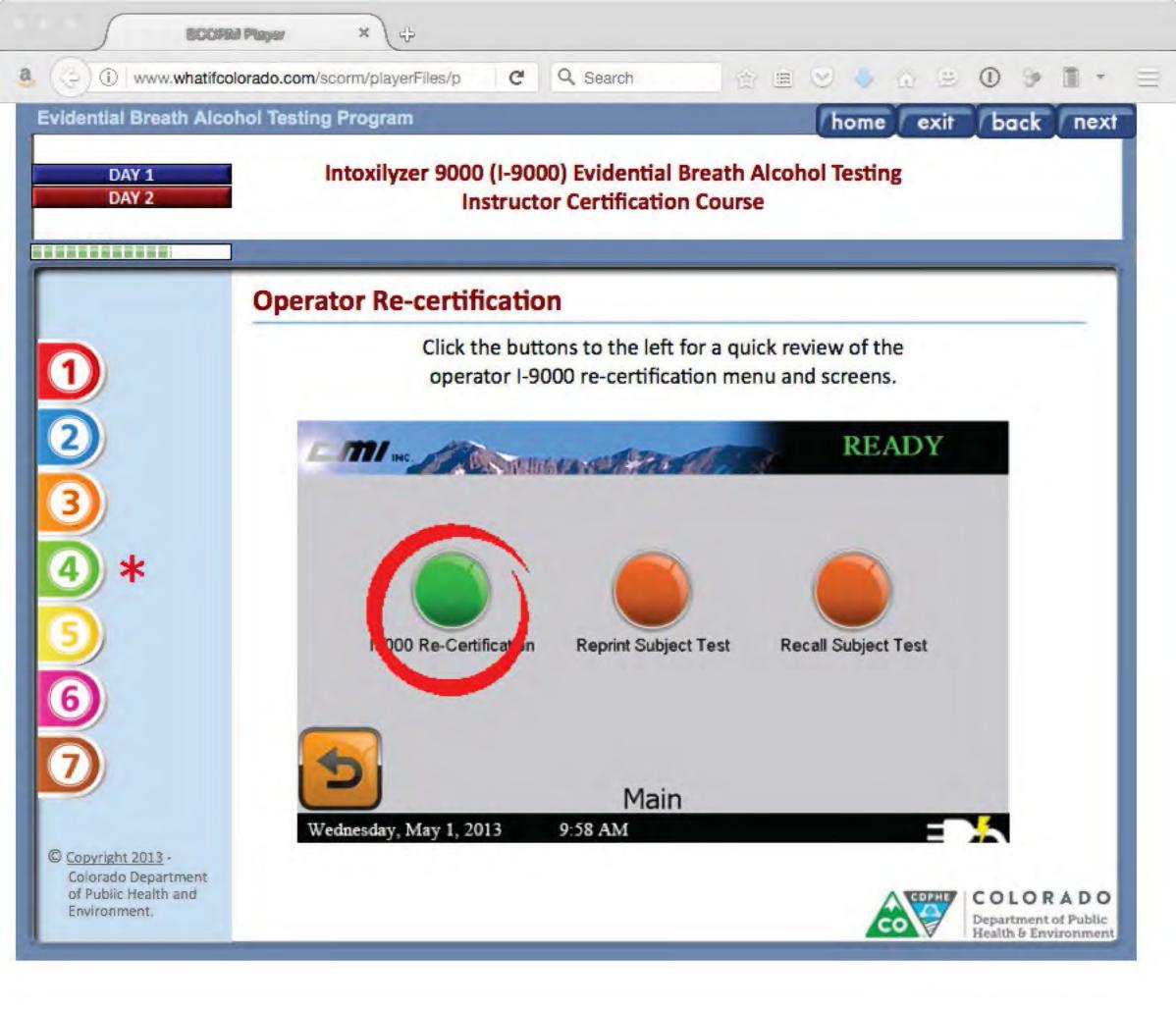


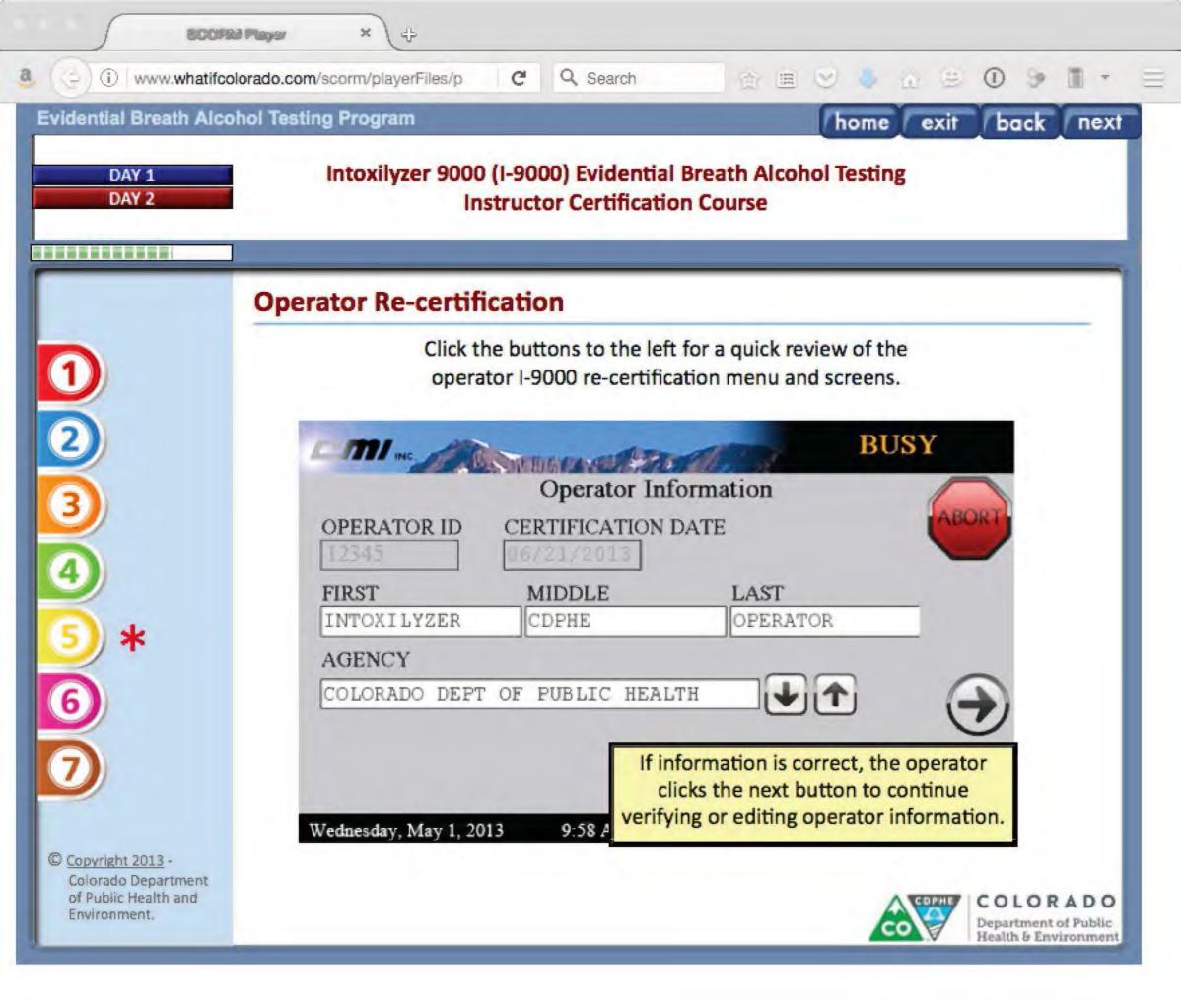


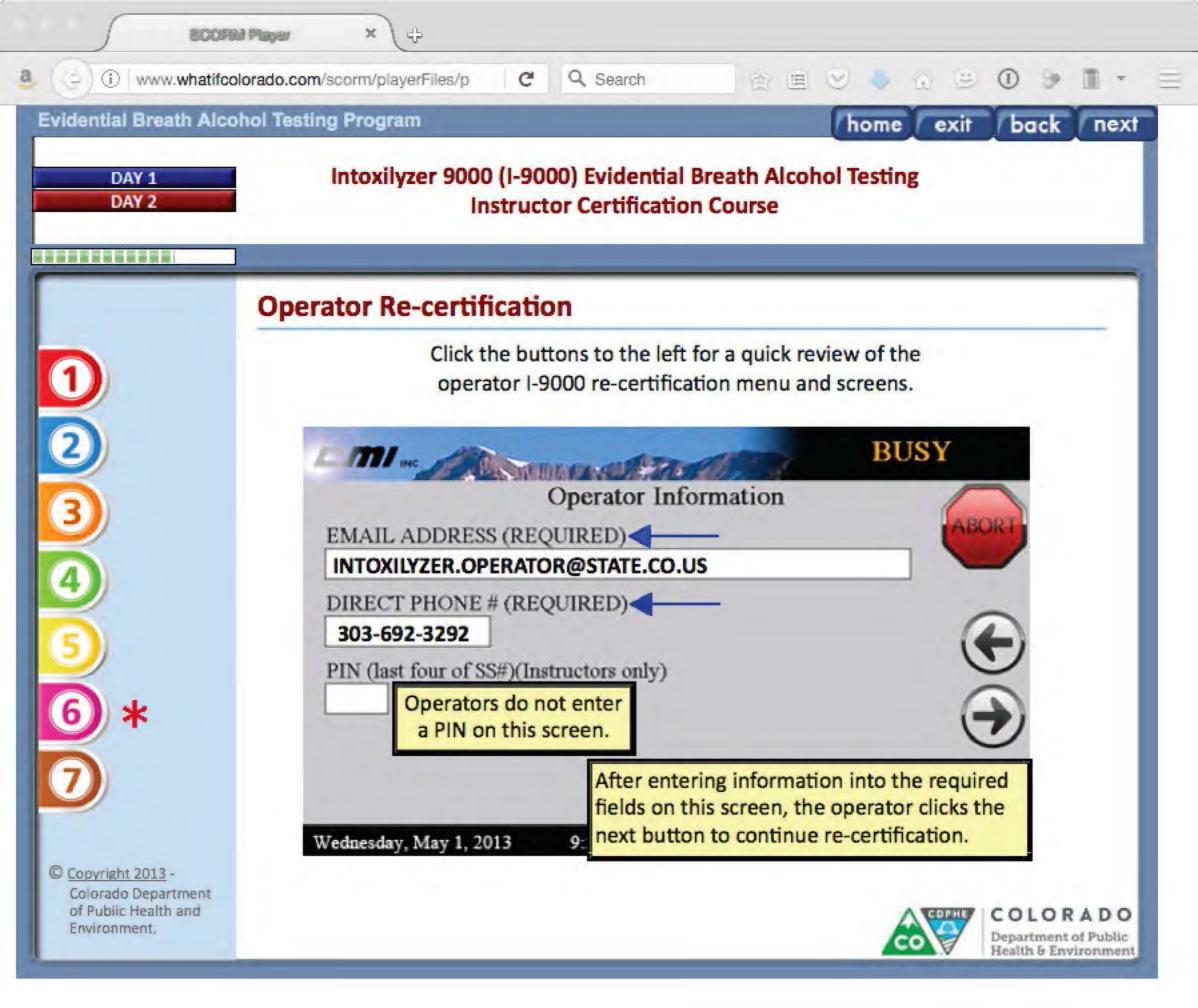


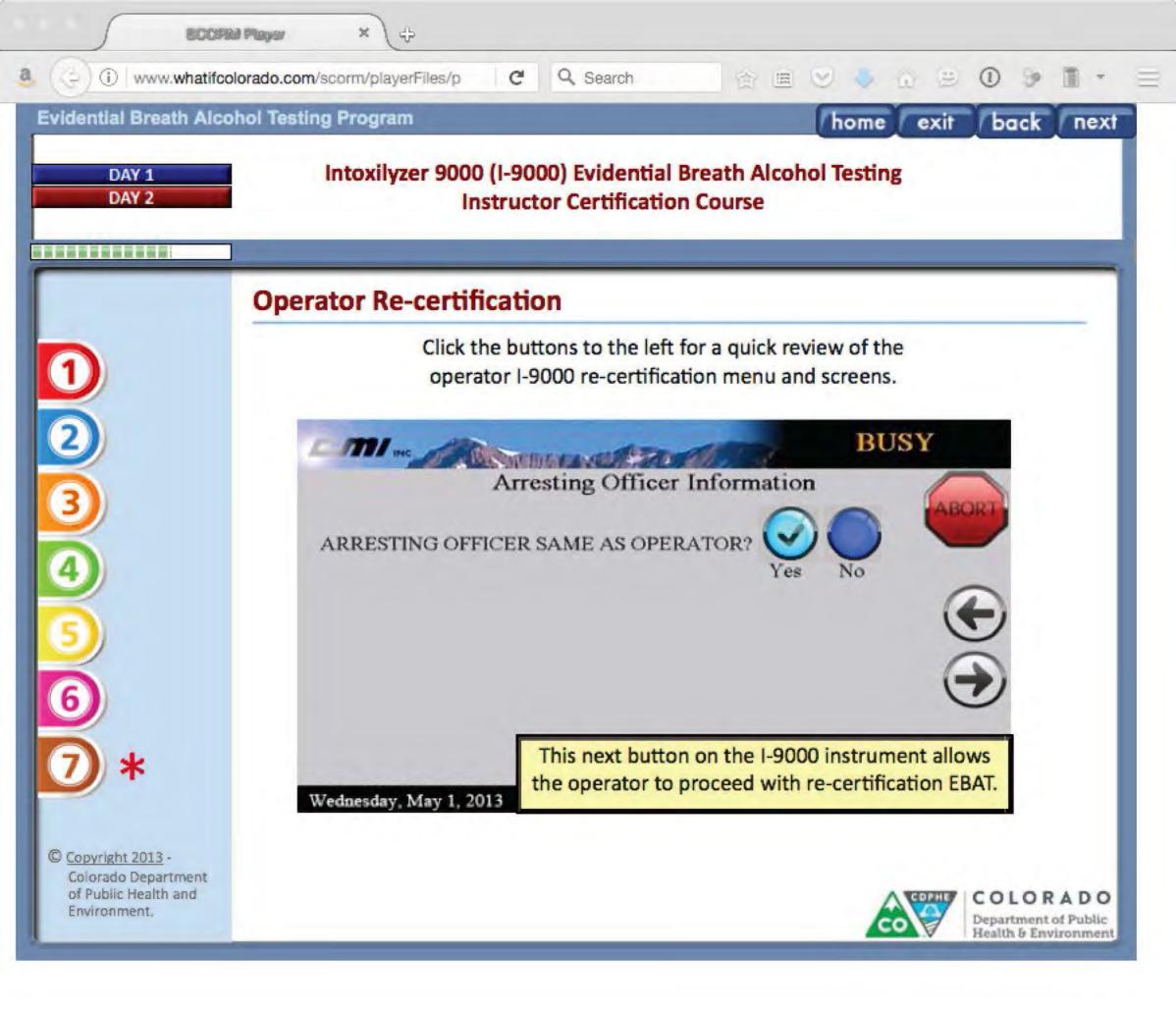


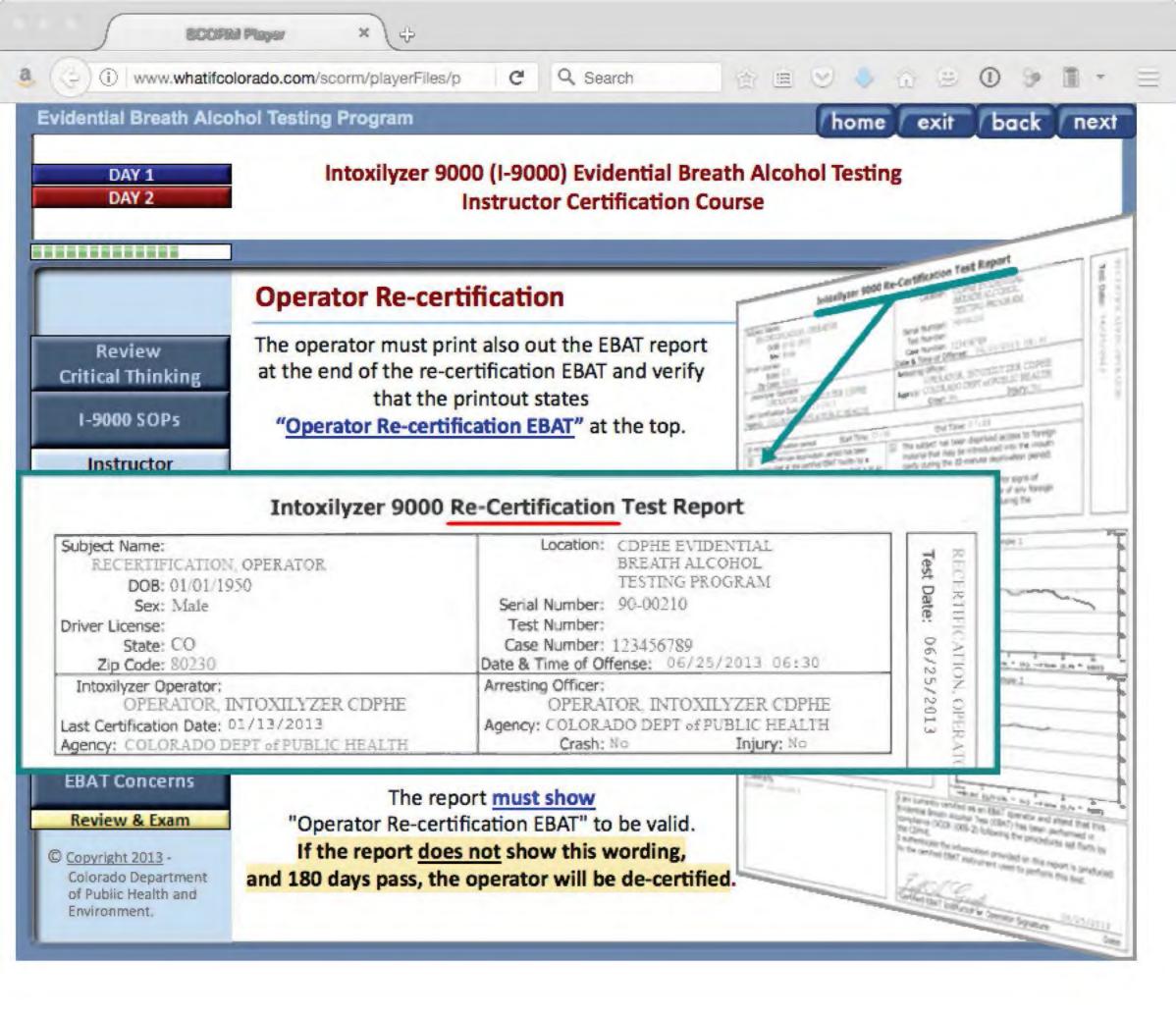


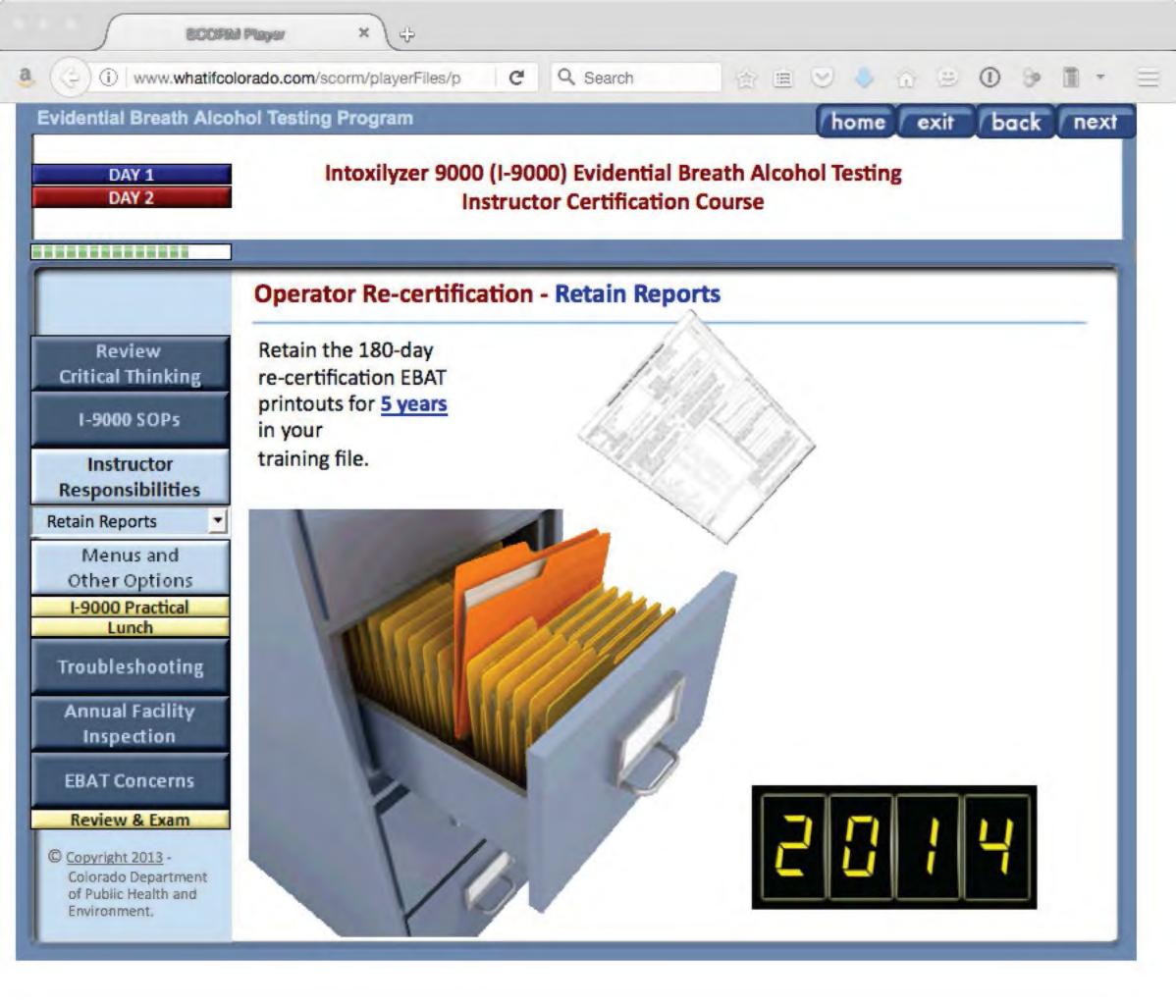


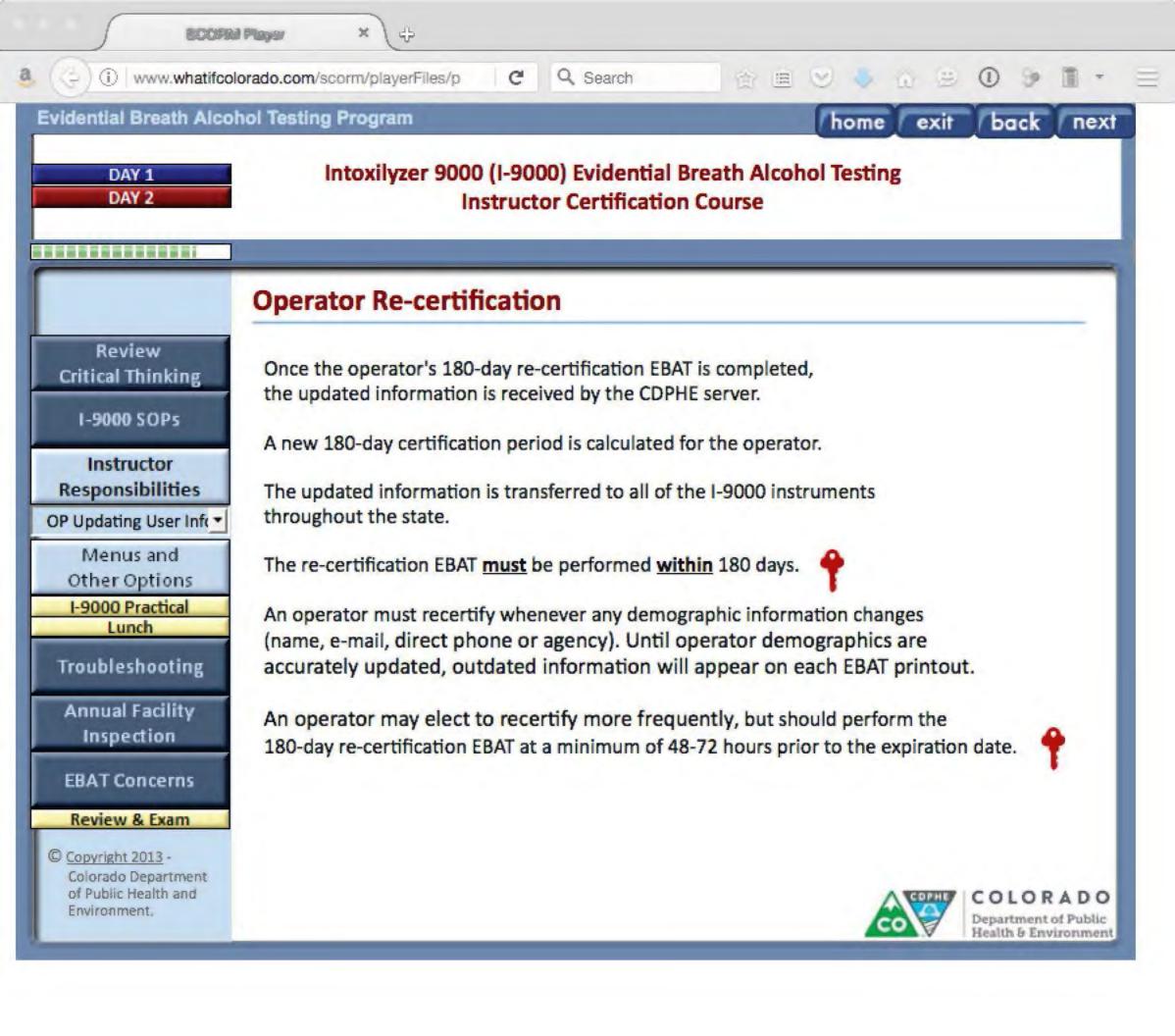


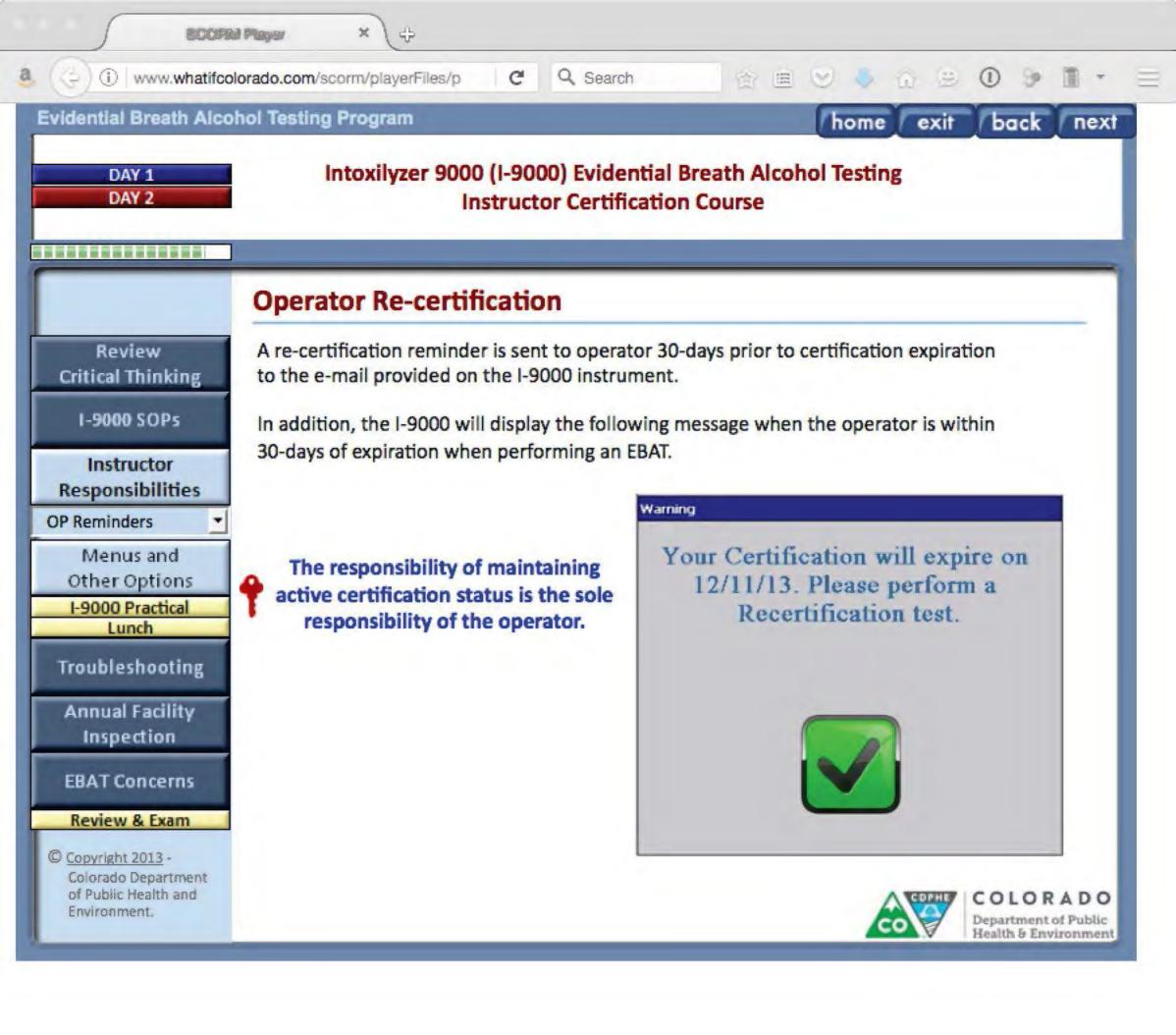


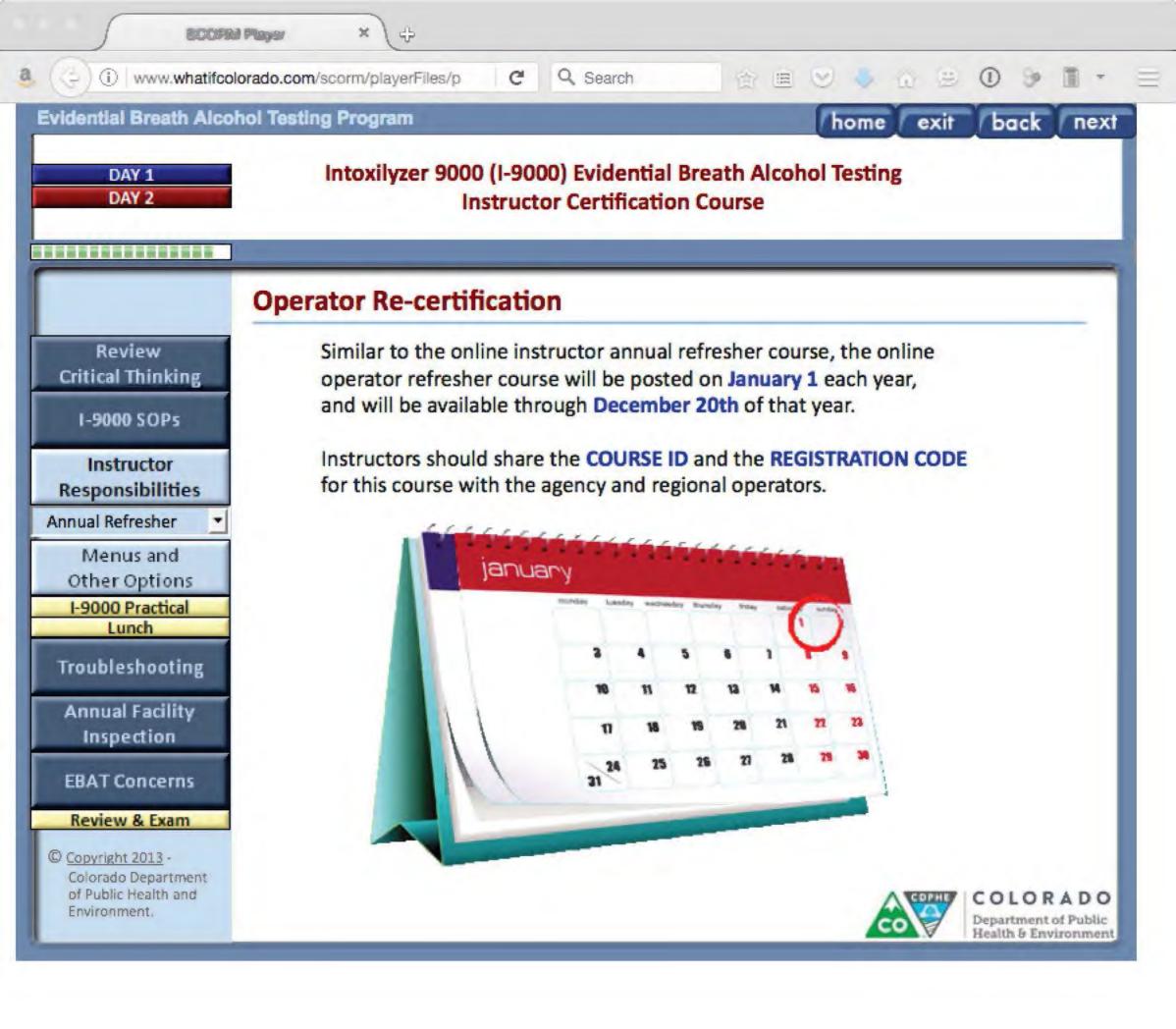




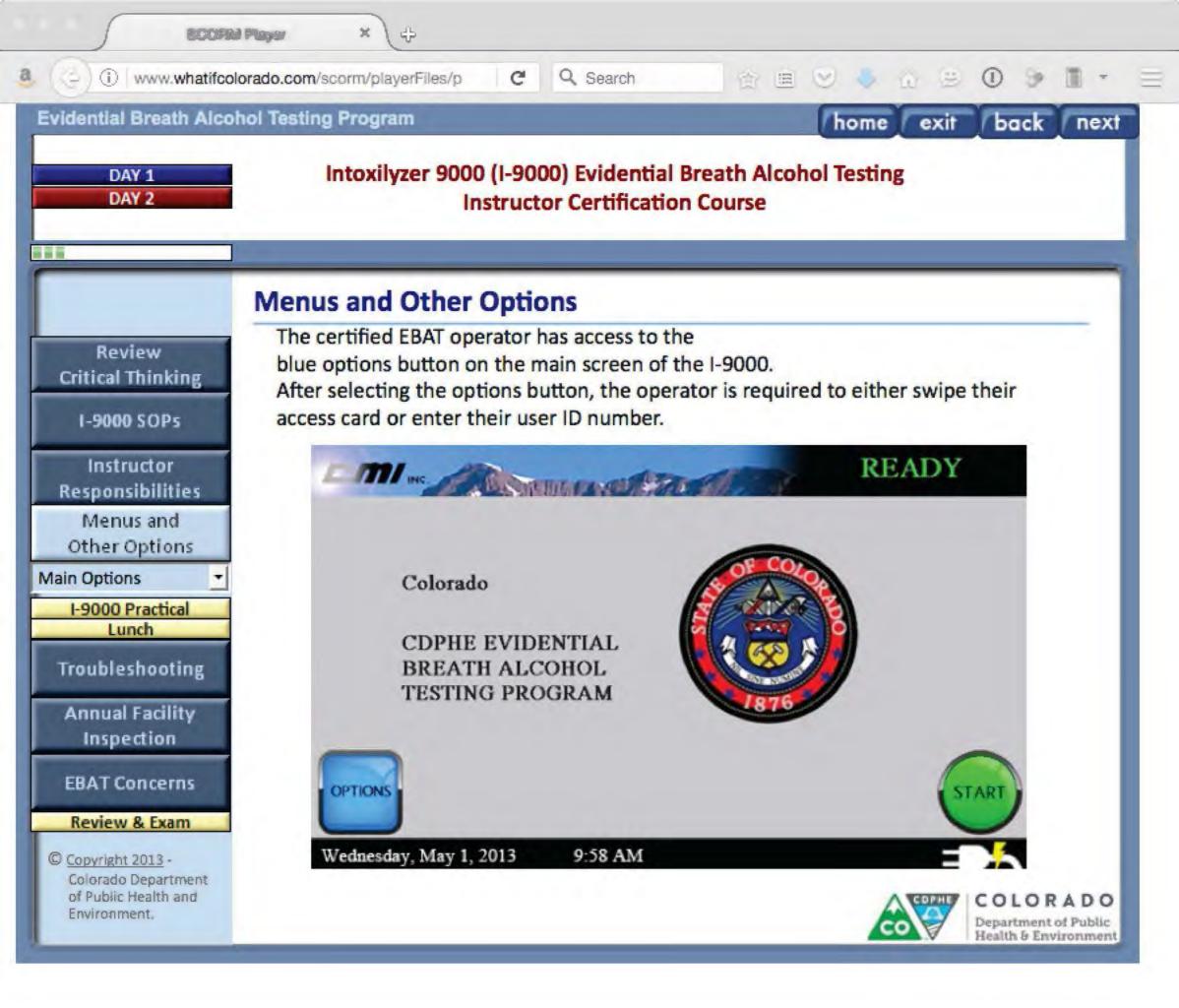


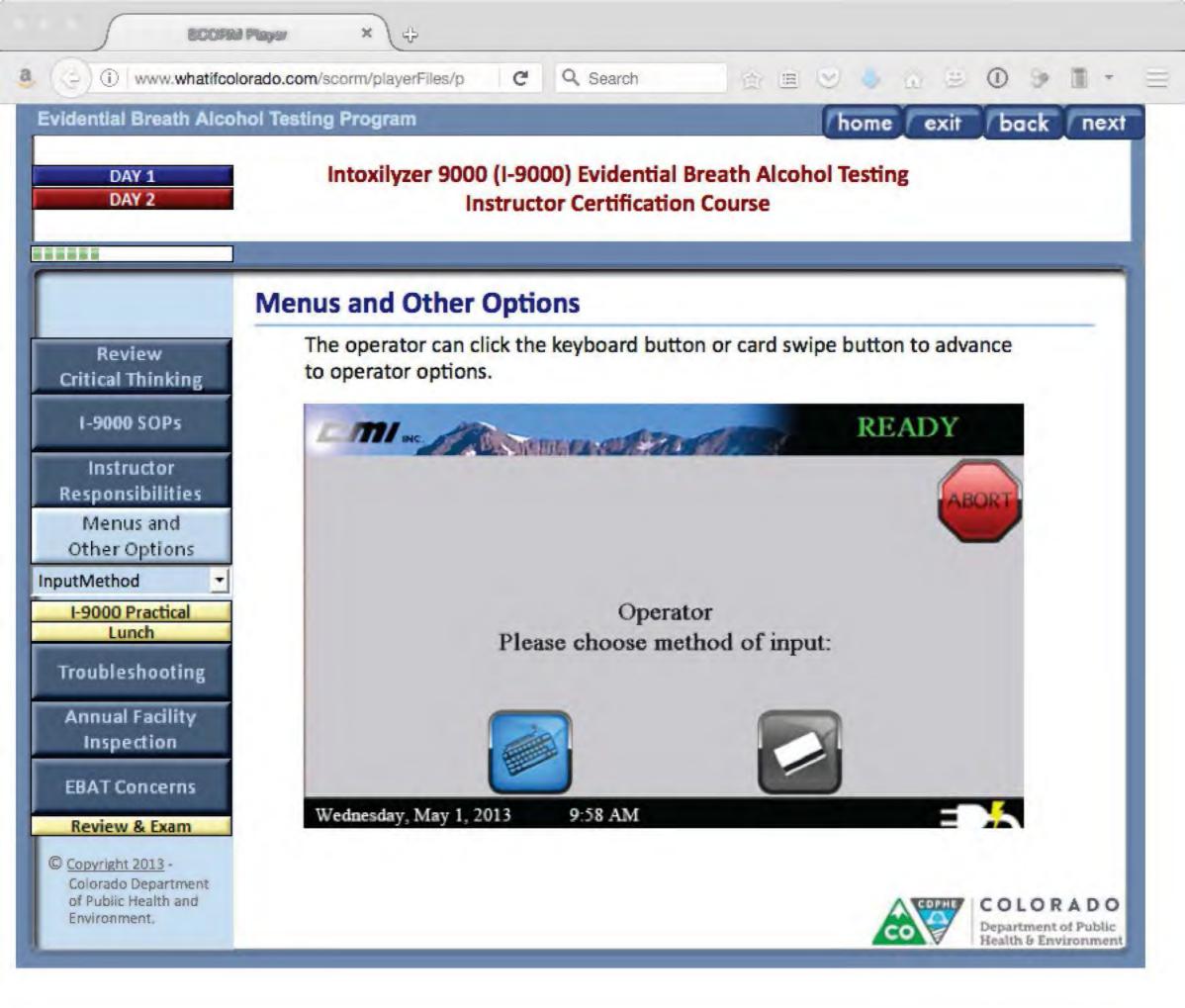


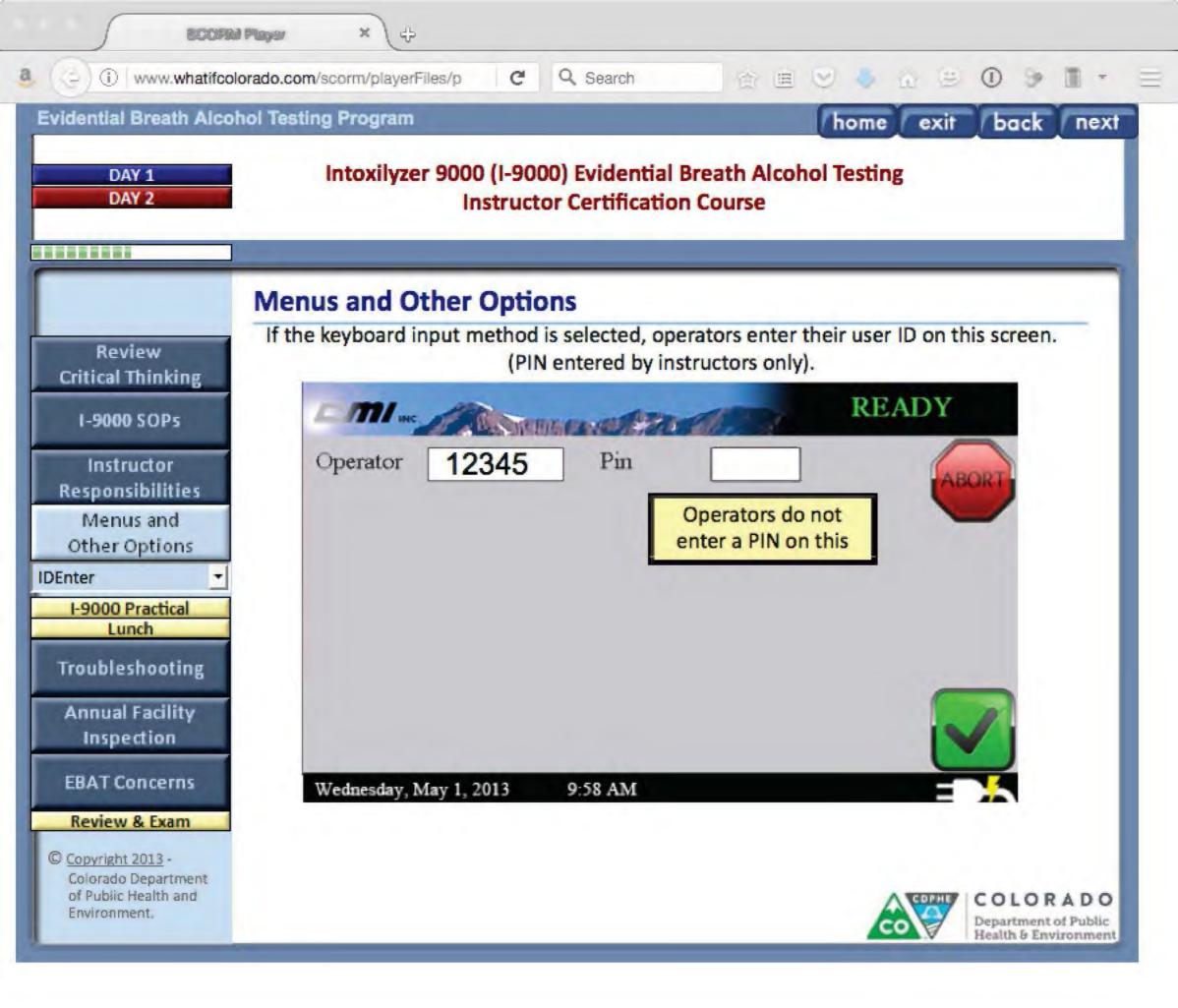


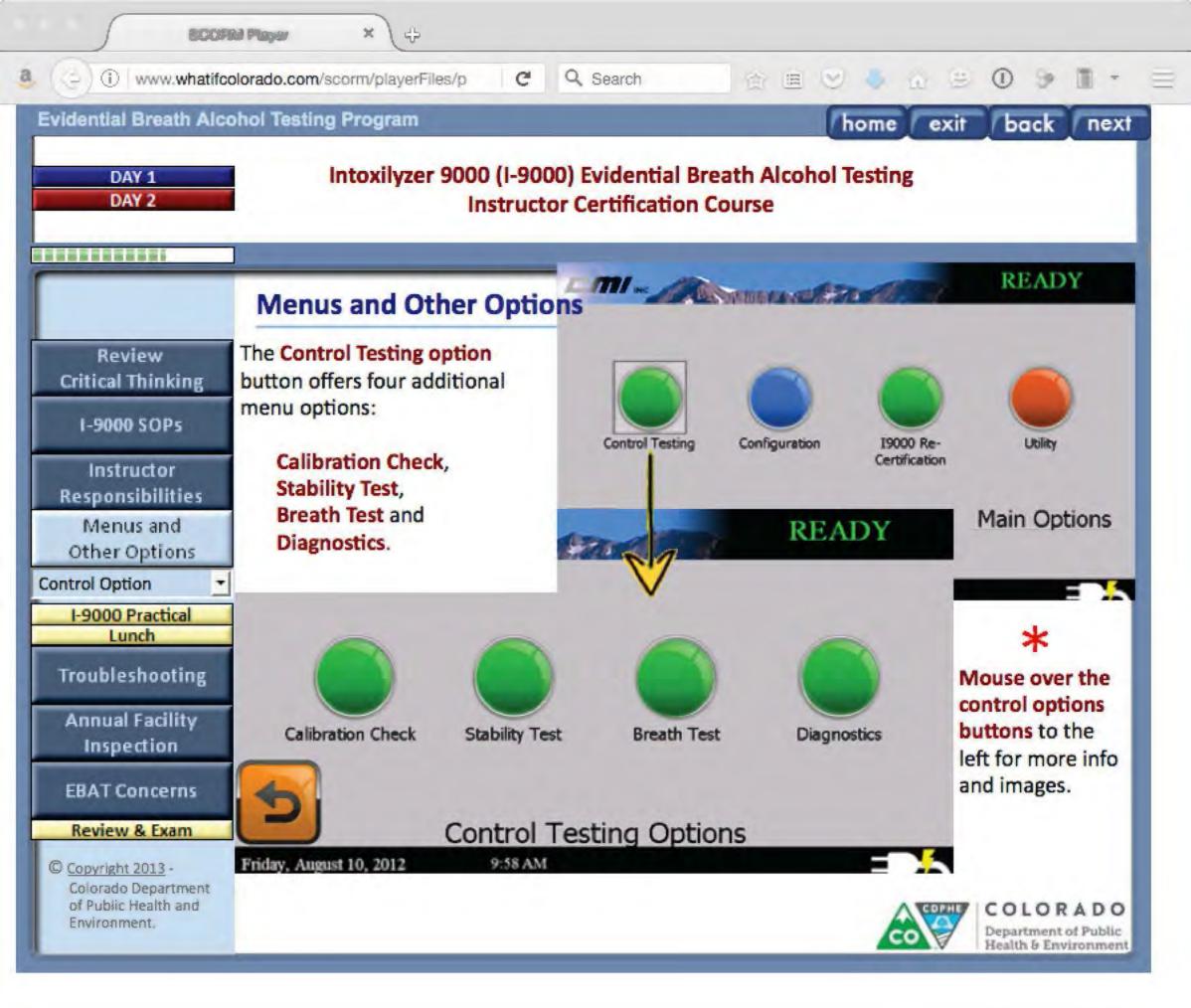


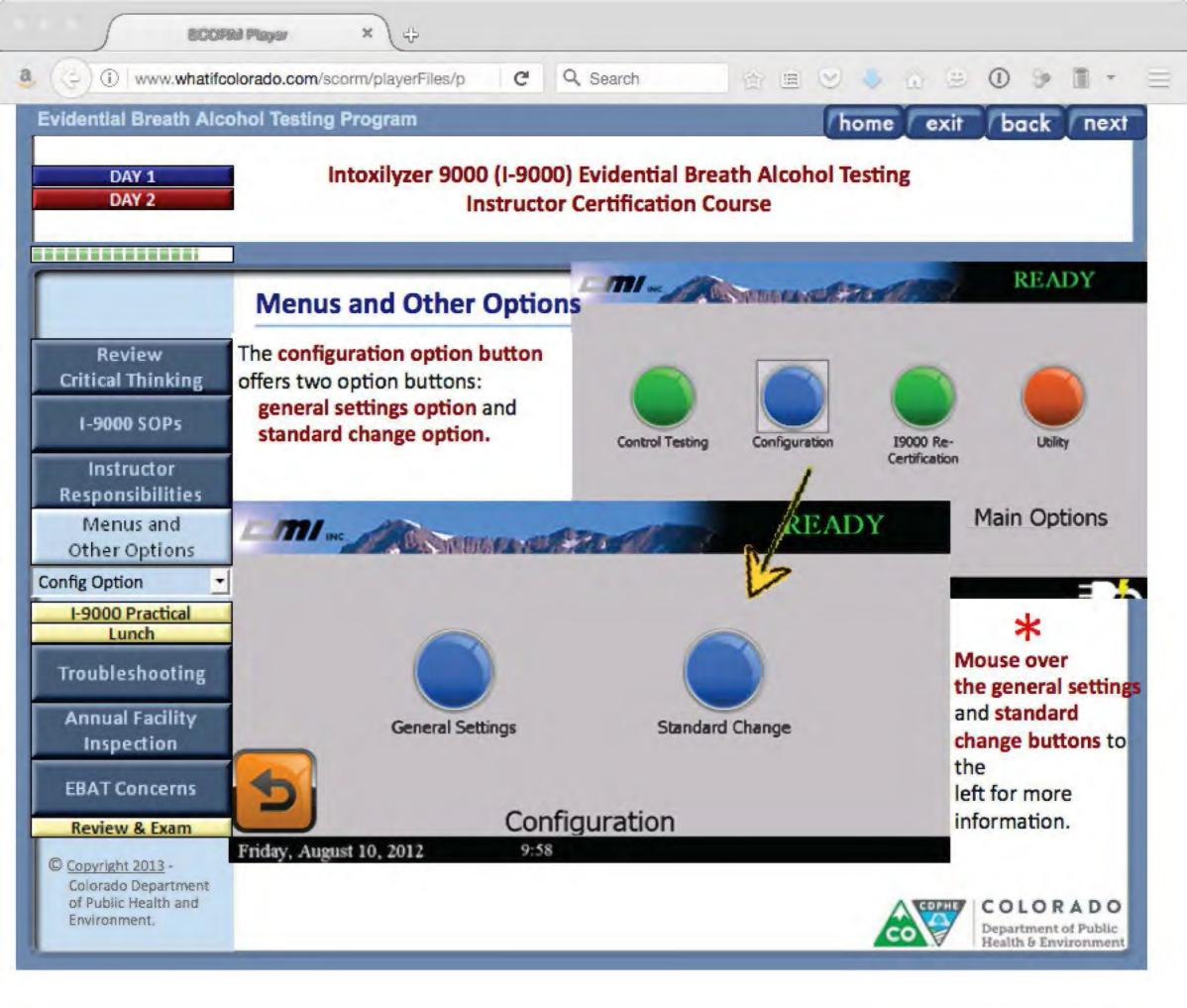
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idential Breath Alco	hol Testing Program	h	ome exit back ne
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evide Instructor Certif		esting
	Instructor Responsibilities:	Quality Assura	nce (QA) Practices
Review Critical Thinking I-9000 SOPs Instructor Responsibilities A Practices Menus and Other Options I-9000 Practical Lunch Troubleshooting Annual Facility	Good oversight and ongoing QA monitor is a responsibility of the certified EBAT is instructor when issues occur with eithe The I-9000 is designed with numerous of impacted whenever an Exception Messa	nstructor. Ongoing QA m r the EBAT operators or t QA measures to ensure a	onitoring will alert the the I-9000 itself.
	 Monthly reprinting of the last subjord Exception Messages encountered This monitors and identifies trends or operator. 	ed within the last 60-days	s of operation.
	 Verification of the standard simula subject EBAT and IPR. 	tor solution results with	the next performed
	 General maintenance of the I-9000 instrument remains clean, free from visually inspect the connections and 	m clutter, solvents, exces	
Inspection	Ensuring that an adequate supply	of mouth pieces is availa	ble.
EBAT Concerns Review & Exam	Ensuring that an adequate supply printed reports allows for ease of re		ole and that the quality of
Copyright 2013 - Colorado Department	Ensuring that one unopened bottle	e of standard simulator s	olution is available.
of Public Health and Environment.	 Exchanging the Guth 12V500 simu 	lator with each solution	change to ensure that each

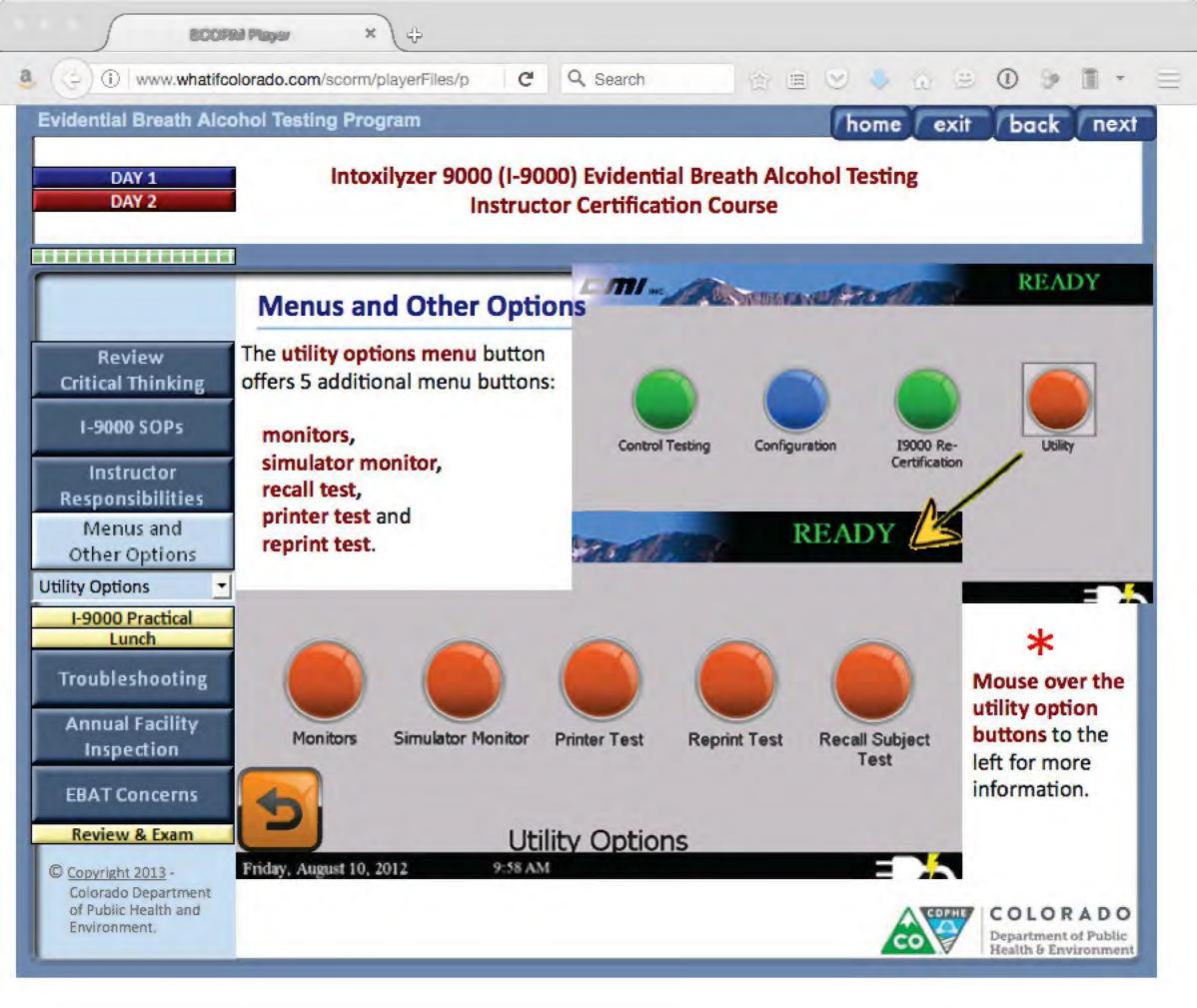












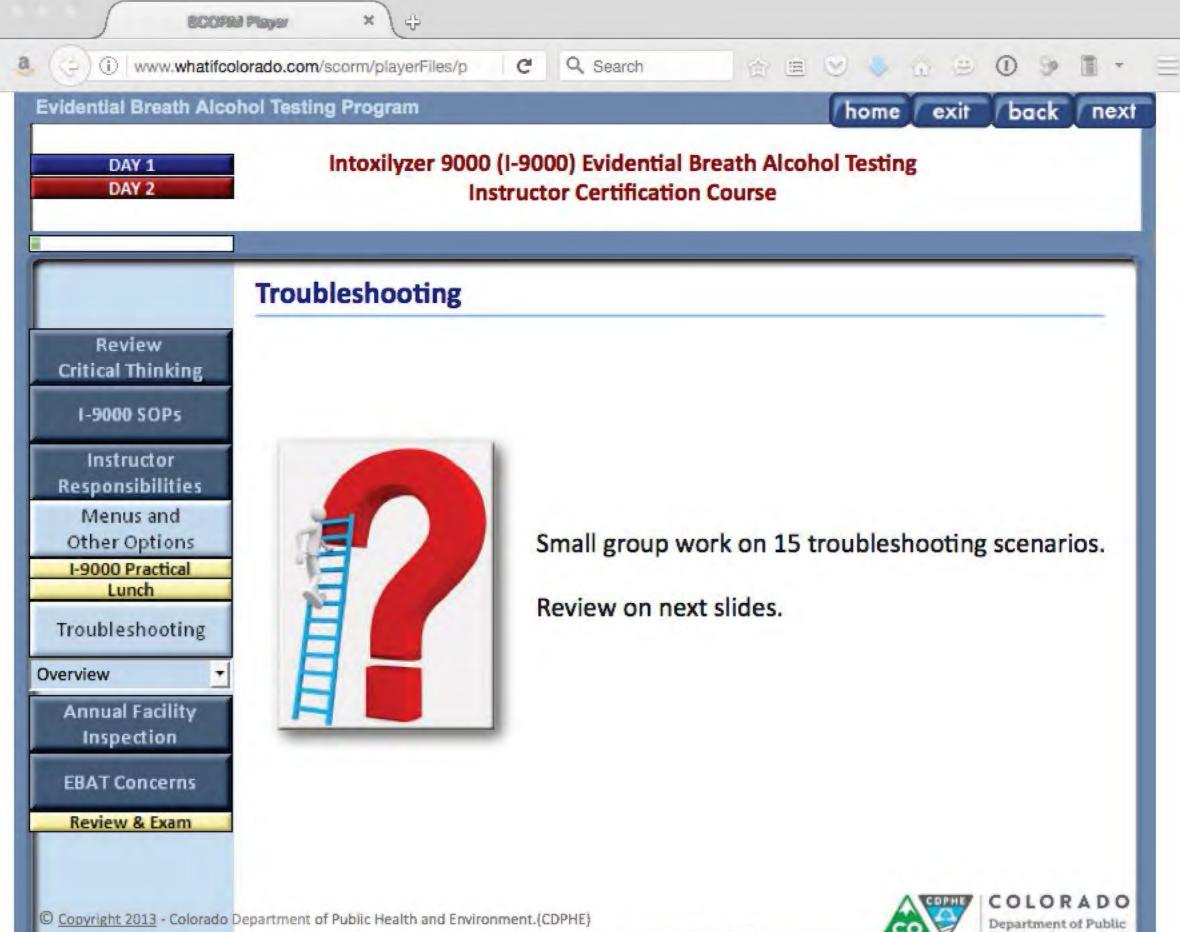


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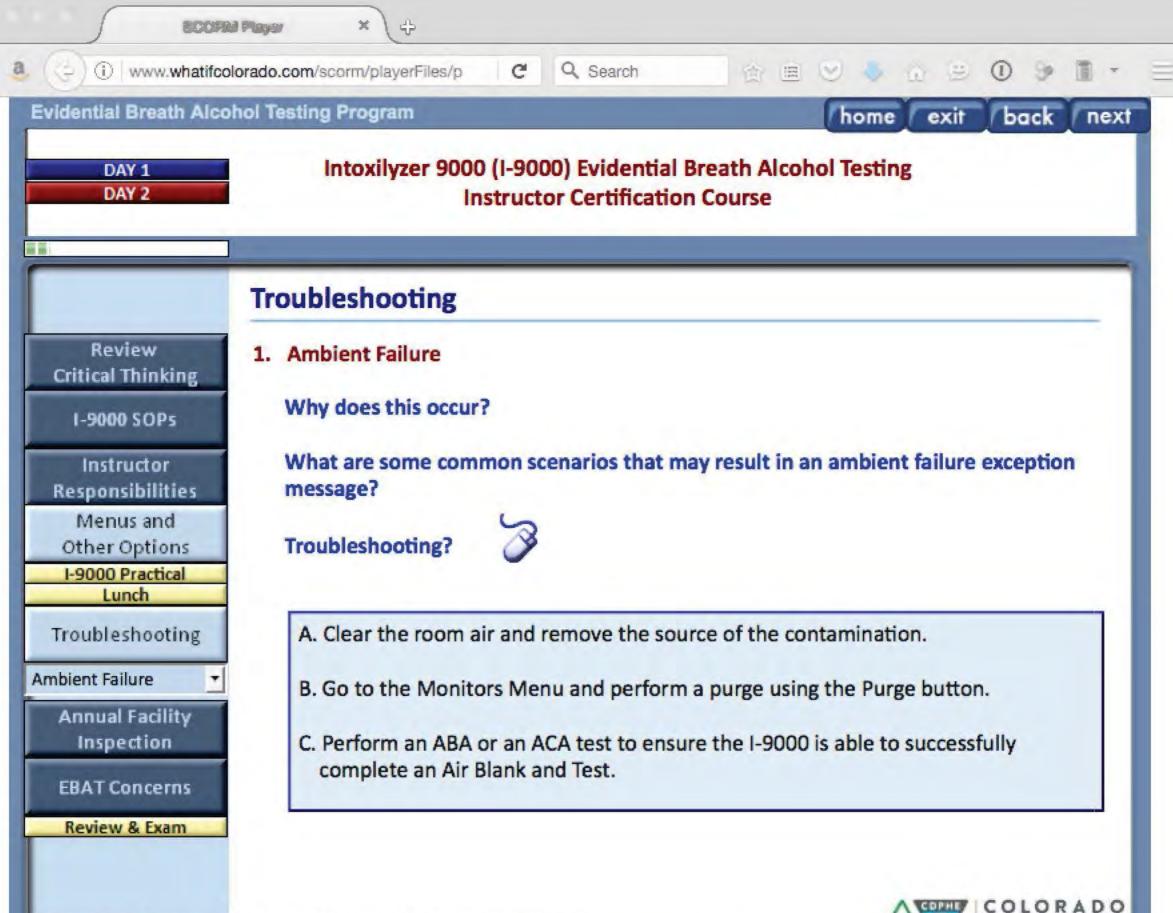




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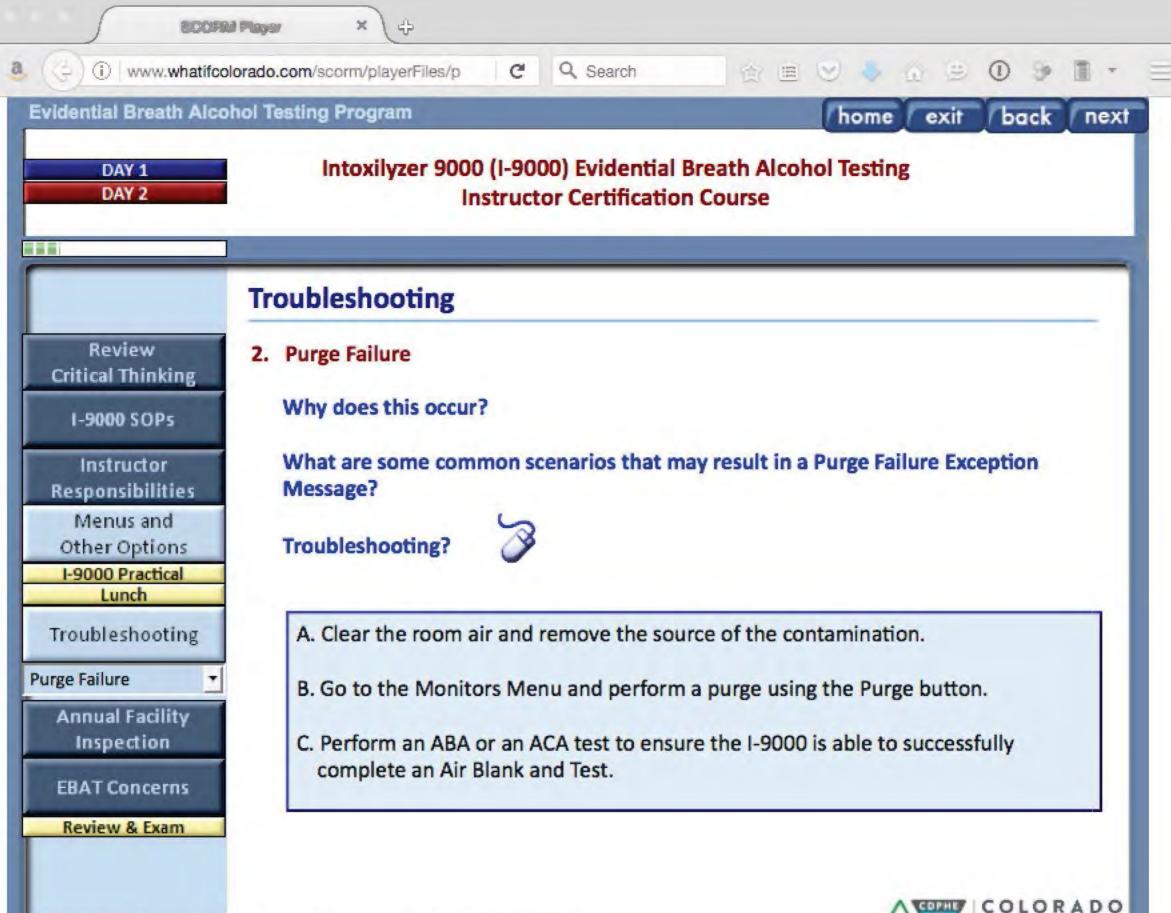
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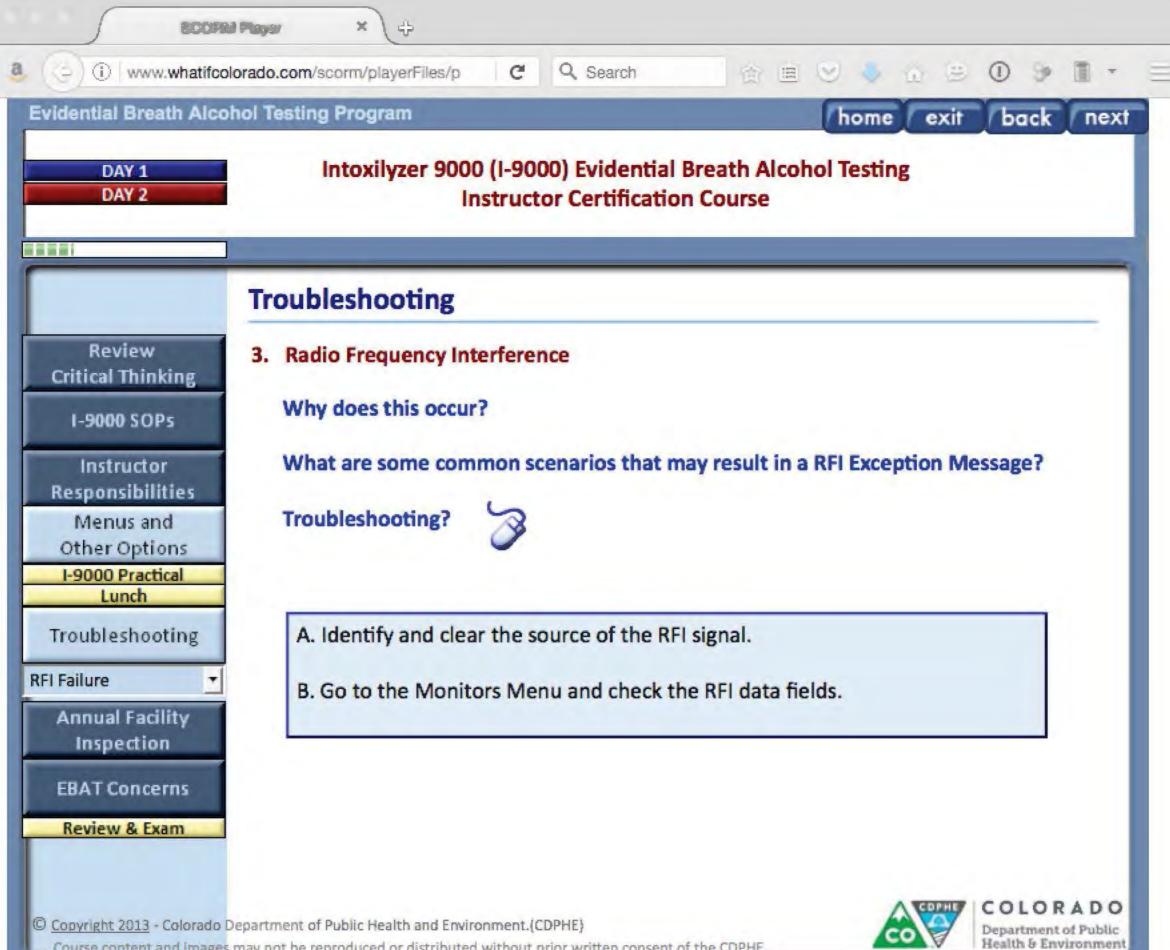
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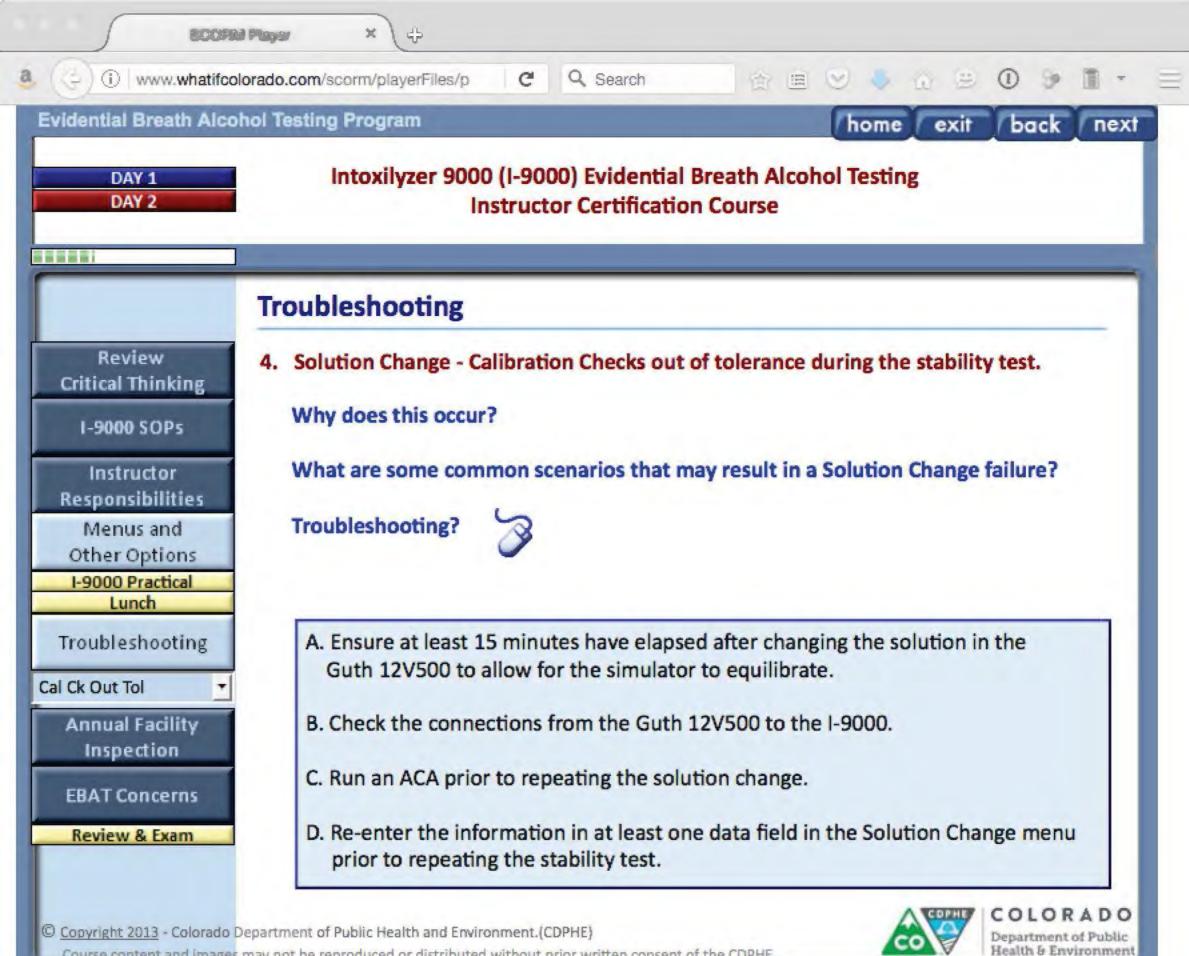


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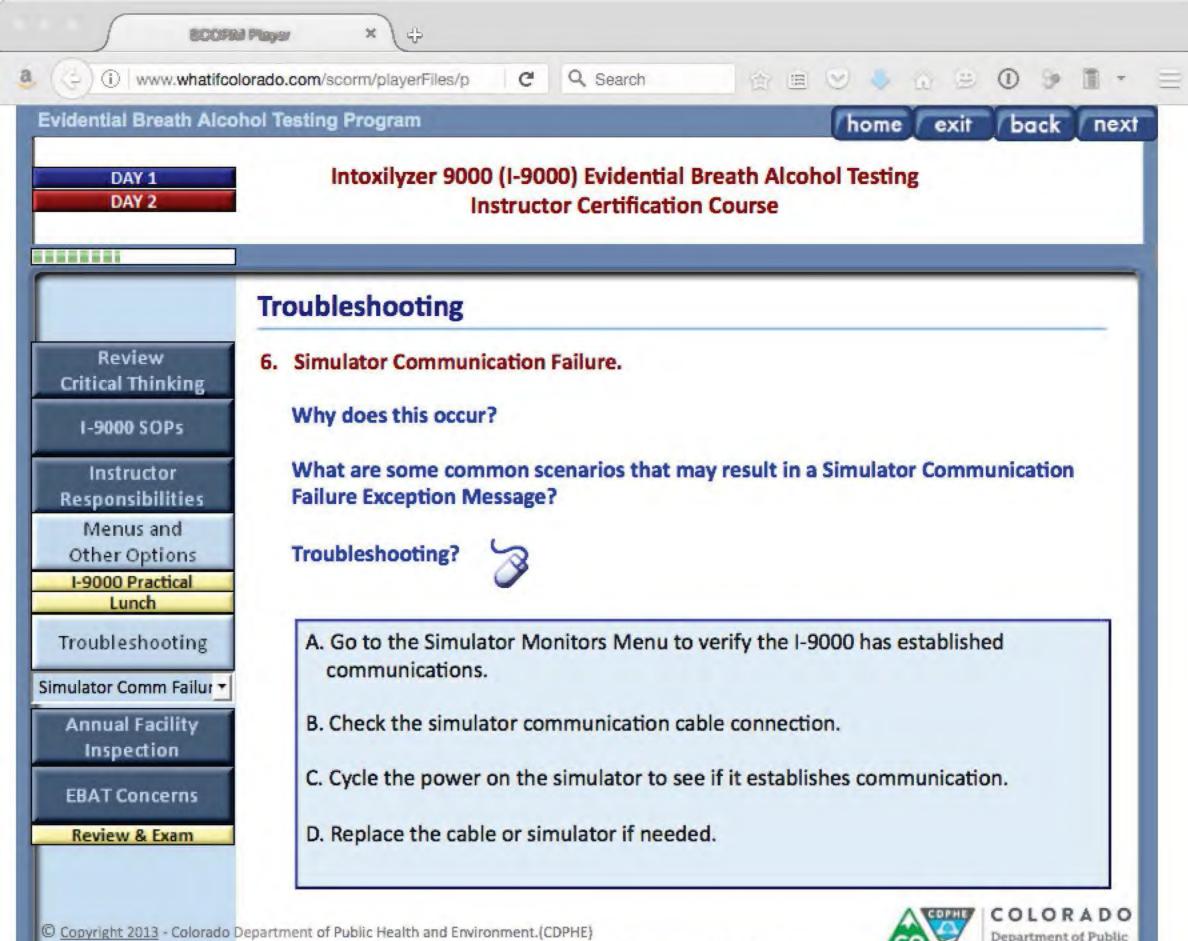


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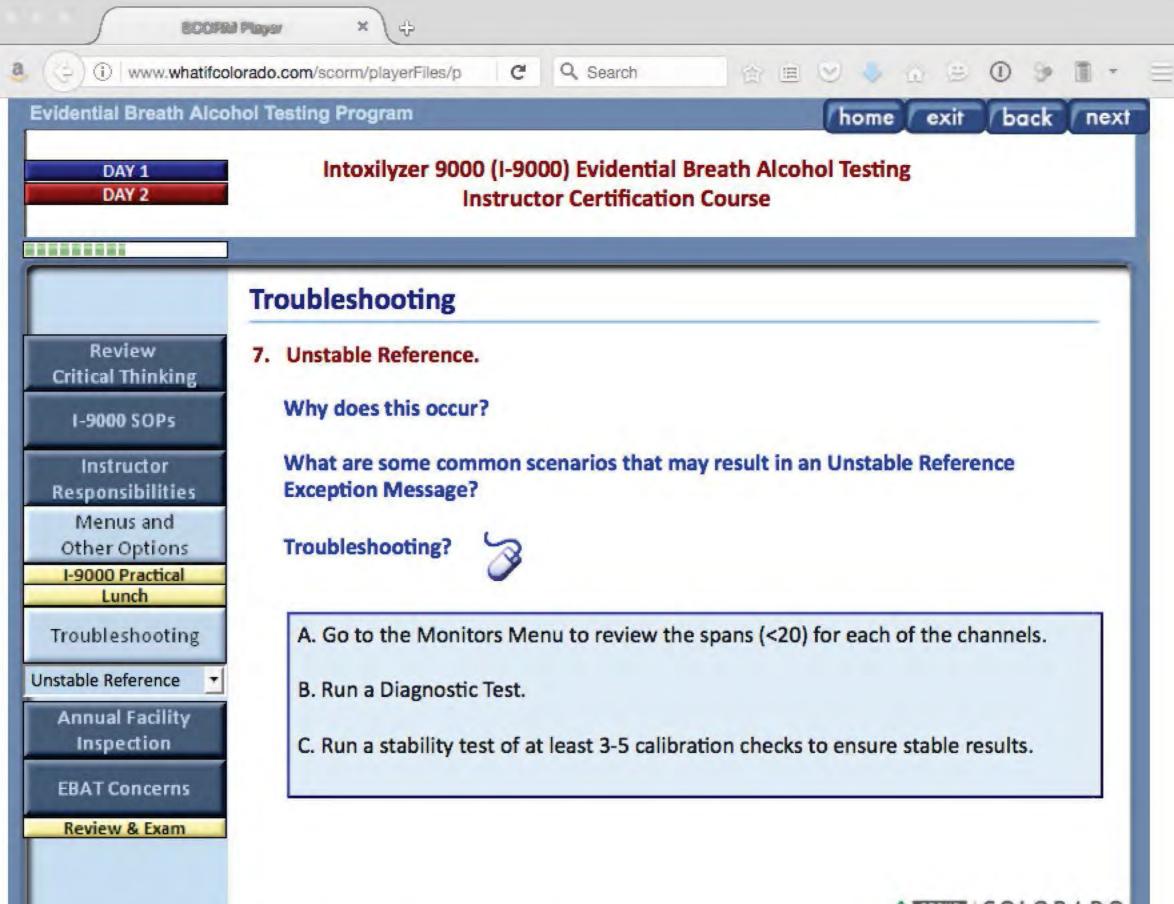




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ential Breath Alco	ohol Testing Program home exit back
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
	Troubleshooting
Review	5. Interferent Detected.
itical Thinking	Why does this occur?
I-9000 SOPs Instructor sponsibilities Menus and	What are some common scenarios that may result in an Interferent Detection Exception Message? Troubleshooting?
ther Options 9000 Practical Lunch	A. If this occurs at the beginning of the test sequence or during the first calibration check, troubleshooting may occur.
erent -	B. Check to see that the simulator cable is connected and is a CDPHE issued cable (grey in color).
nnual Facility Inspection IAT Concerns	C. Go to the Monitors Menu and review the spans (<20) for each of the channels. If spans are not remaining stable at or below 20, unplug the simulator communication cable to see if they return to normal.
eview & Exam	D. Replace the simulator communication cable.
	E. NOTE: If the Interferent Detected occurs with the subject sample, then NO FURTHER TESTING MAY OCCUR and



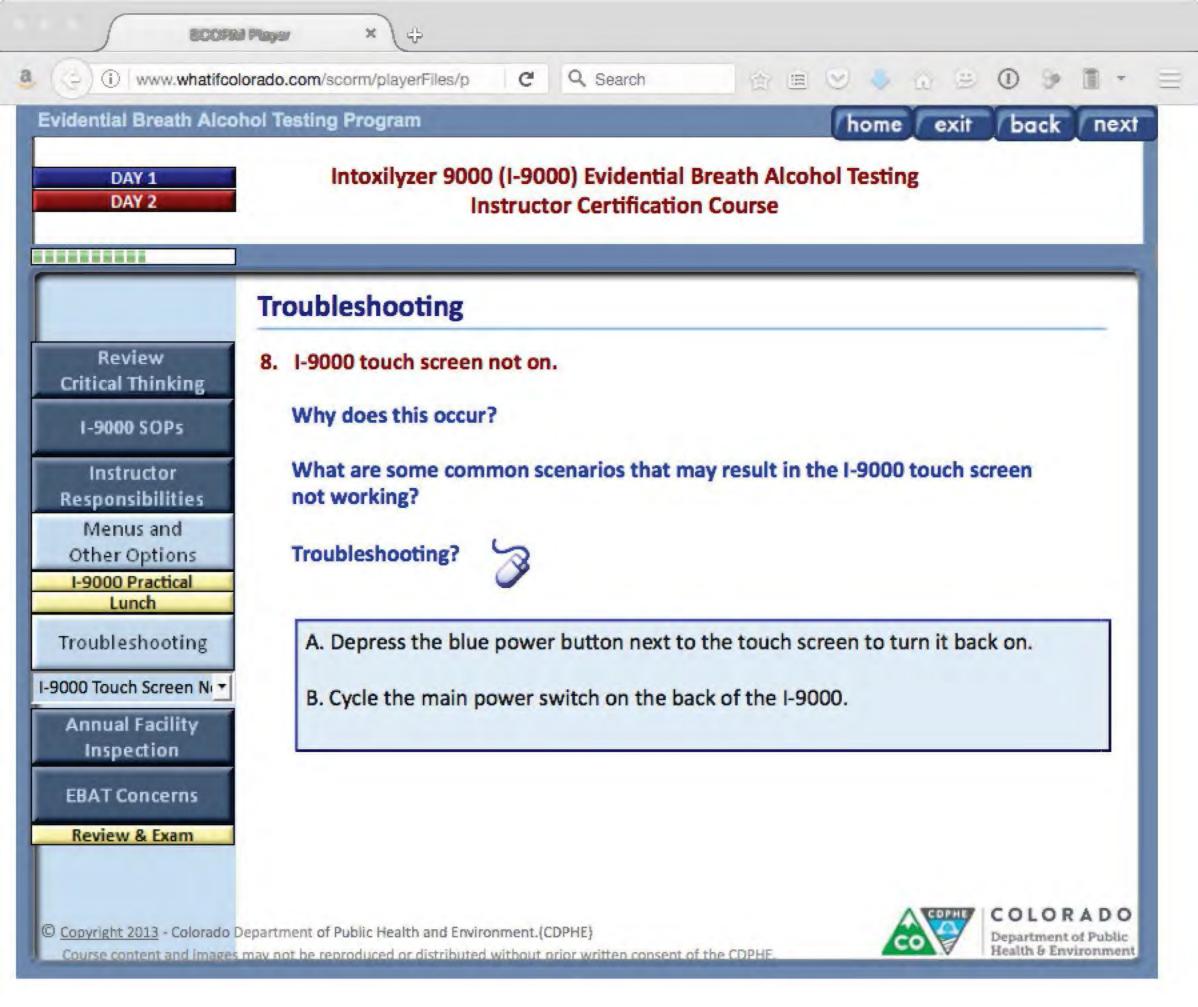
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DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alo Instructor Certification Course	cohol Testing
	Troubleshooting	
Review Critical Thinking	9. Diagnostic Failure or IRPCM Failure.	
I-9000 SOPs	Why does this occur?	
Instructor Responsibilities	What are some common scenarios that may result in Exception Message?	n a Diagnostic Failure
Menus and Other Options I-9000 Practical Lunch	Troubleshooting?	
Troubleshooting	A. Perform a Diagnostic Test.	
Diagnostic Failure Annual Facility Inspection	B. If the Diagnostic Test fails, an IRPCM failure will b and will indicate what has failed in more detail.	e reported on the printout
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DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
	Troubleshooting
Review Critical Thinking	10. Printer Failure.
1-9000 SOP5	Why does this occur?
Instructor Responsibilities	What are some common scenarios that may result in the printer not working?
Menus and Other Options	Troubleshooting?
I-9000 Practical Lunch	
Troubleshooting	A. Poor print quality - Clean the LED light bar on the printer.
Printer Failure	B. Check connections to the I-9000.
Annual Facility Inspection	C. Cycle the power to the printer.
EBAT Concerns	D. Replace the toner cartridge if needed.
Review & Exam	E. Perform a printer test.
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Evidential Breath Alco	hol Testing Program home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
	Troubleshooting
Review Critical Thinking	11. Simulator Motor Failure.
I-9000 SOP5	Why does this occur?
Instructor Responsibilities	What are some common scenarios that may result in a Simulator Motor Failure?
Menus and Other Options	Troubleshooting?
I-9000 Practical Lunch	
Troubleshooting	A. Listen for noisy motor.
Simulator Motor Failur -	B. Spin the motor shaft to see if it has become stuck or loose.
Annual Facility Inspection	C. Replace simulator.
EBAT Concerns	
Review & Exam	

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DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
Review Critical Thinking I-9000 SOPs Instructor Responsibilities Menus and Other Options I-9000 Practical	Troubleshooting 12. Simulator Temperature >34.15 °C. Why does this occur? What are some common scenarios that may result in a simulator overheating? Troubleshooting?
Lunch Troubleshooting Simulator Motor Failur • Annual Facility Inspection EBAT Concerns Review & Exam	 A. Turn off the simulator and allow the solution to cool down. B. Check the simulator communication cable to ensure it is a CDPHE issued cable (grey in color). C. Replace simulator.



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Evidential Breath Alcol DAY 1 DAY 2	
Review Critical Thinking I-9000 SOPs Instructor Responsibilities Menus and Other Options I-9000 Practical Lunch Troubleshooting	Troubleshooting 13. Operator Access denied - "Operator Zero, Does not have access to this menu, please check with administrator for access." Why does this occur? What are some common scenarios that may result in an officer not being able to access the I-9000 using the Options button on the main screen? Troubleshooting?
Operator Access Denie Annual Facility Inspection EBAT Concerns Review & Exam	 A. Message received when an operator is not in the database and tries to access the I-9000 from the Options button on the main screen. B. Contact CDPHE.



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Evidential Breath Alcoho	ol Testing Program home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
	Troubleshooting
Review Critical Thinking	14. Operator Access denied - "Operator ID, Last, Agency, please correct before continuing"
1-9000 SOP5	Why does this occur?
Instructor Responsibilities Menus and	What are some common scenarios that may result in an operator not being able to access the I-9000 using the Start button on the main screen?
Other Options I-9000 Practical Lunch	Troubleshooting?
Troubleshooting Operator Access Denie • Annual Facility	A. Message received when an operator is not in the database and tries to access the I-9000 from the Start test button on the main screen.
Inspection EBAT Concerns	B. Contact CDPHE.
Review & Exam	

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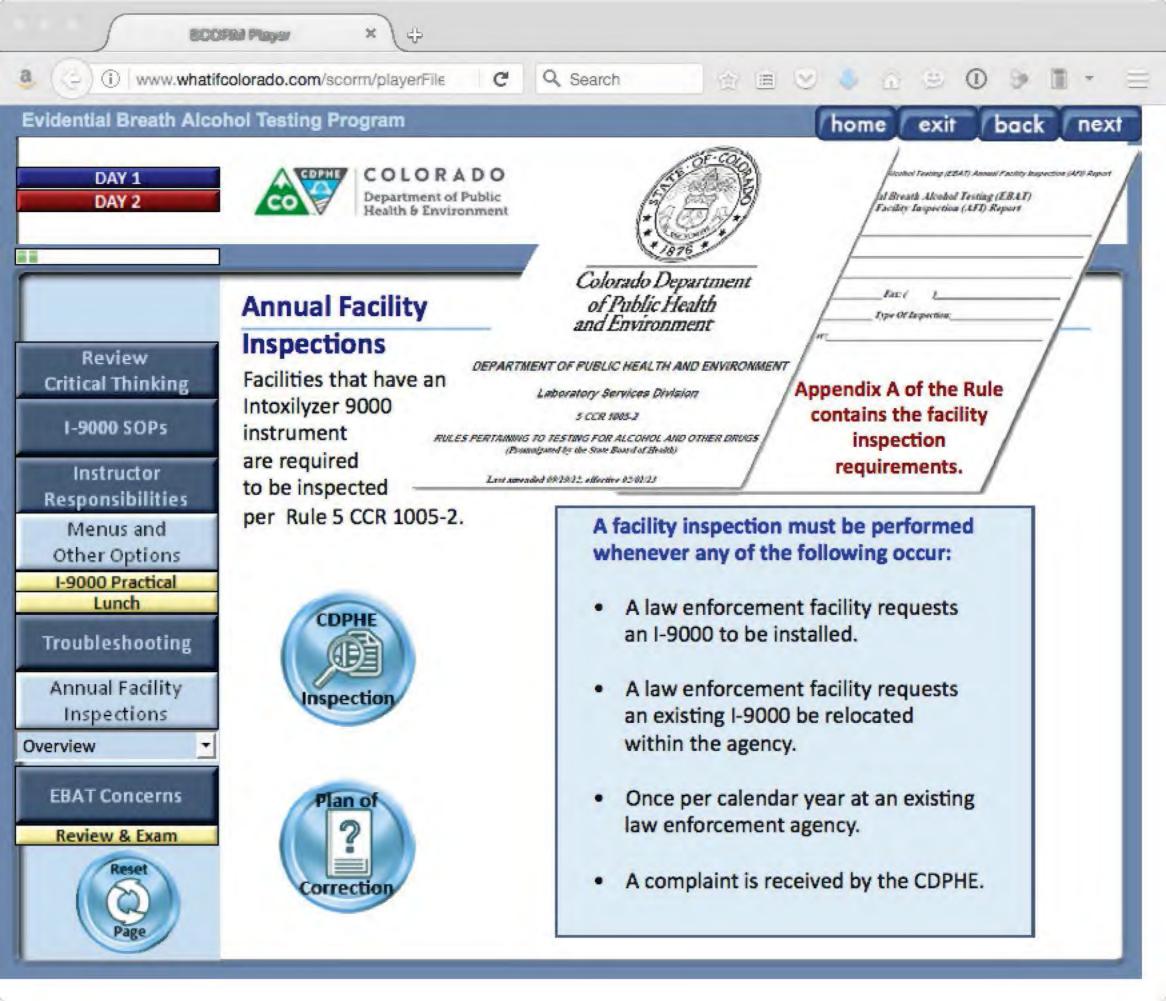
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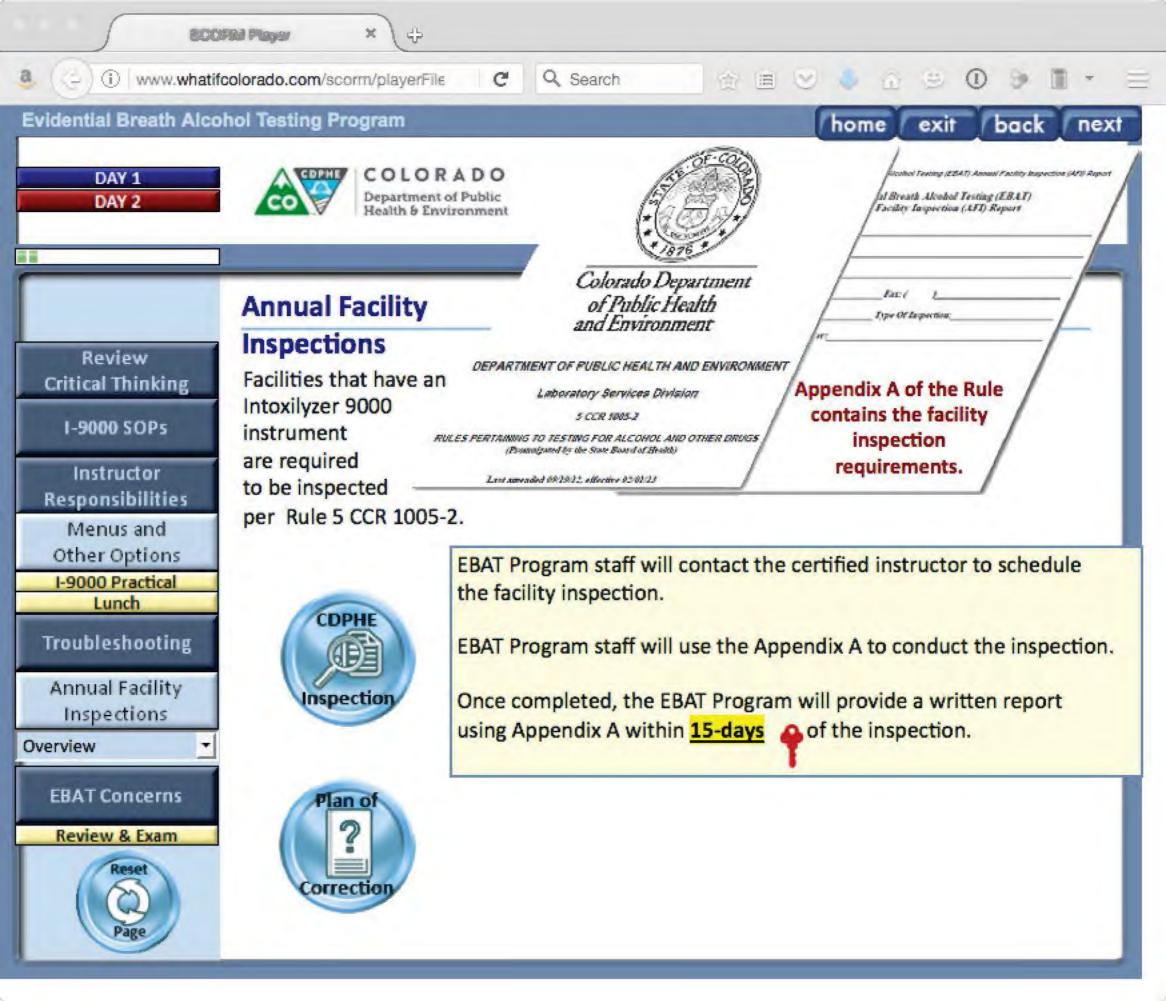
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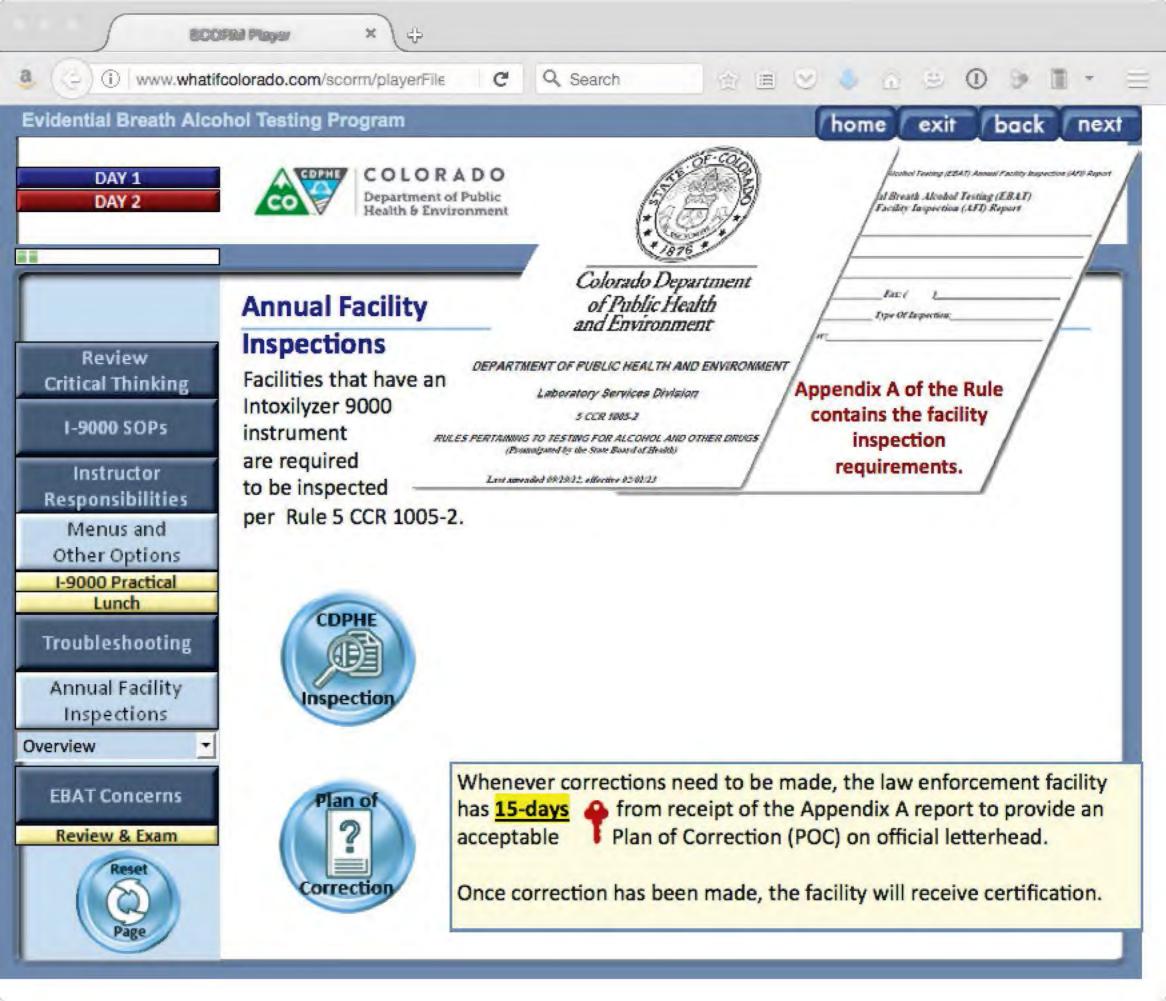
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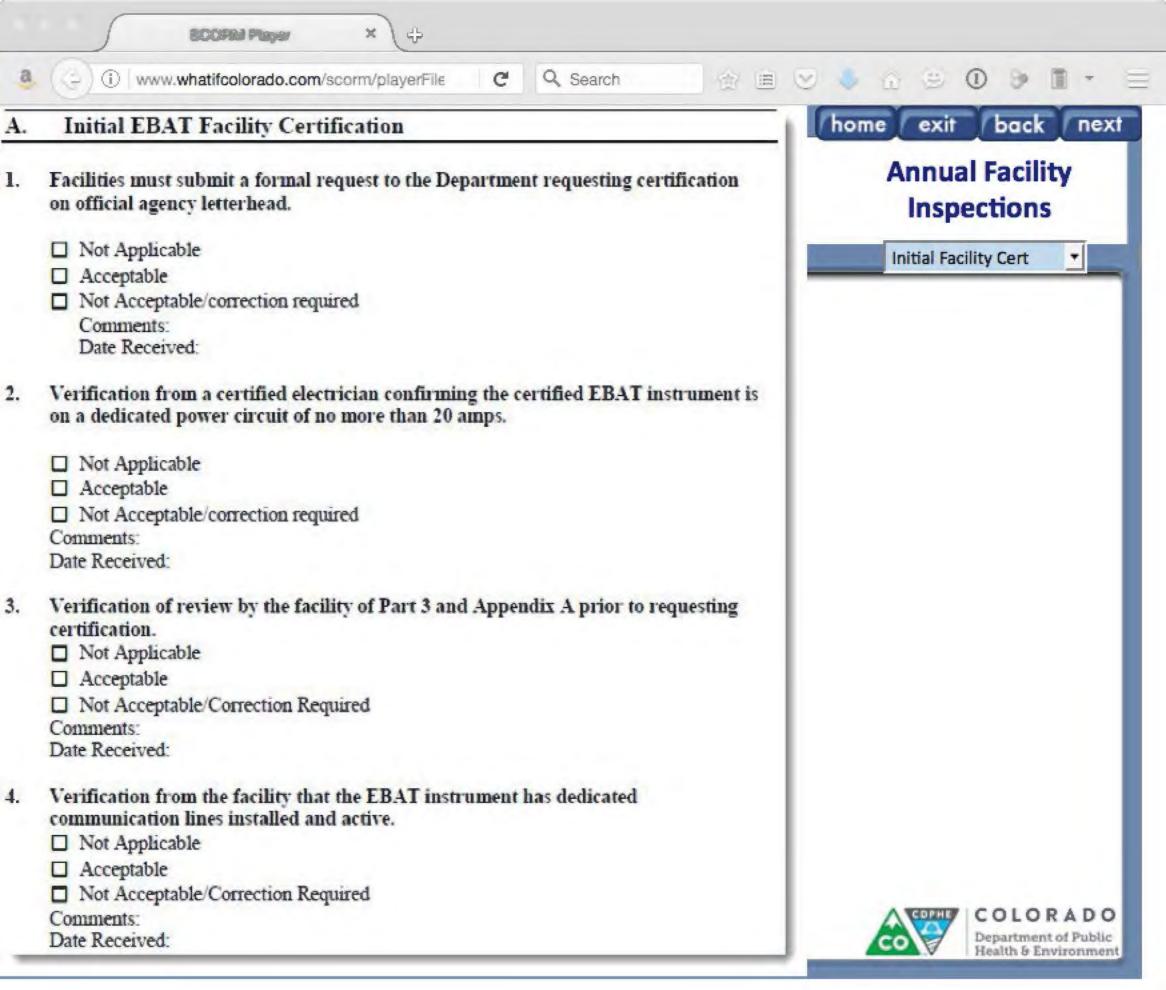
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Evidential Breath Alcoh	nol Testing Program home exit back next
DAY 1 DAY 2	Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course
	Troubleshooting
Review Critical Thinking	15. Instructor Access denied - "Could not authenticate operator"
I-9000 SOPs	Why does this occur?
Instructor Responsibilities	What are some common scenarios that may result in an instructor or operator not being able to access the I-9000?
Menus and Other Options I-9000 Practical Lunch	Troubleshooting?
Troubleshooting	A. The PIN is not correct.
Instructor Access Denie	B. Retrieve the correct PIN and re-enter.
Inspection	C. Contact CDPHE.
EBAT Concerns	
Review & Exam	











3.	Power Requirements – EBAT Permanent Location	home exit back nex
	AC line voltage of 120 volts, 60 Hz grounded outlet on a dedicated circuit.	Annual Facility Inspections
a.	20 ampere maximum circuit breaker	mapeedona
		Power Requirements 💌
	Not Acceptable/Correction Required Comments:	
b.	Voltage 120 ± 12v (108-132) Acceptable	
	□ Not Acceptable/Correction Required Comments:	
c.	Grounded outlet	
	Not Acceptable/Correction Required Comments:	
	The power line to the EBAT instrumentation must be on a dedicated circuit.	
	□ Not Acceptable/Correction Required	
	Comments:	
	An adequate surge protection device must be placed between the EBAT instrumentation and the power source.	
	Acceptable	
	Not Acceptable/Correction Required	
	Comments:	



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C.	Power Requirements - EBAT Mobile Location	home exit back next
1.	Sine wave power inverter capable of providing a steady 120 volts AC output from a DC input.	Annual Facility Inspections
	 Acceptable Not Acceptable/Correction Required Comments: 	Power Req-Mobile
2.	The power line to the EBAT instrumentation must be on a dedicated circuit. Not Applicable Acceptable Not Acceptable/Correction Required Comments:	
3.	An adequate surge protection device must be placed between the EBAT instrumentation and the power source. Not Applicable Acceptable Not Acceptable/Correction Required Comments:	



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D.	EBAT INSTRUMENTATION ENVIRONMENT	home exit back next
1.	The temperature of the EBAT instrumentation room must be maintained between 60 and 90 degrees Fahrenheit. Acceptable Not Acceptable/Correction Required Comments:	Annual Facility Inspections
2.	The EBAT instrumentation room must have adequate lighting. Acceptable Not Acceptable/Correction Required Comments:	Environment
3.	The area around and under the EBAT instrumentation must be free of dust, dirt, and kept orderly. Acceptable Not Acceptable/Correction Required Comments:	
4.	The EBAT instrumentation must be placed on a solid and adequate work surface. Acceptable Not Acceptable/Correction Required Comments:	
5.	The EBAT instrumentation room receives adequate ventilation. Acceptable Not Acceptable/Correction Required Comments:	
6.	Automobile emissions are not allowed in the EBAT instrumentation room. Acceptable Not Acceptable/Correction Required Comments:	
7.	The EBAT instrumentation must not have cleaning compounds or volatile organics (gasoline and petroleum products) used or stored around it. Acceptable Not Acceptable/Correction Required Comments:	
8.	Comments: The EBAT instrumentation room must remain secure and not readily accessible to unauthorized personnel. Acceptable Not Acceptable/Correction Required Comments:	COLORADO Department of Public Health & Environment

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E.	EBAT Documents	home exit back next
1.	The following certified EBAT instrumentation documents must be posted at the EBAT facility:	Annual Facility Inspections
	le. EBAT instrument certification certificate	Docs-Supplies •
	Acceptable	Docs-Supplies
	Not Acceptable/Correction Required Comments:	
	2e. EBAT instrument exception report reference table	
	□ Acceptable	
	Not Acceptable/Correction Required	
	Comments:	
2.	EBAT instrumentation records applicable to the agency must be retained by the certified EBAT facility for a minimum of 5 years.	
	□ Acceptable	
	Not Acceptable/Correction Required	
	Comments:	
F.	EBAT Supplies	
1.	The EBAT facility must have available an adequate supply of mouth pieces:	
	Acceptable Not Acceptable/Correction Required	
	Comments:	
2.	The EBAT facility must have available an adequate supply of standard simulator	
	solution	
	Acceptable Acceptable Correction Remuted	
	Not Acceptable/Correction Required Comments:	
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G.	EBAT Instrumentation	home exit back next			
1.	EBAT instrument test sequence Acceptable Not Acceptable Correction Required Comments:	Annual Facility Inspections			
-	EBAT instrument time and date Acceptable Not Acceptable/Correction Required Comments:	Instrumentation			
3,	EBAT instrument certification date Acceptable Not Acceptable Correction Required Comments: Cestification Date: Posted Certification Date:				
4.	EBAT instrument external breath tube heating Acceptable Not Acceptable Correction Required Comments: Temperature:				
6 ,	EBAT instrument dedicated data line Not Applicable Acceptable Not Acceptable/Correction Required Comments: 				
6.	EBAT instrument dedicated analog phone line Not Applicable Acceptable Not Acceptable Correction Required Comments: Analog phone #: 				
7.	The EBAT instrumentation must not be moved from the location it was certified for without prior authorization from the Department. Acceptable Not Acceptable Correction Required Comments:				
\$.	The EBAT instrumentation must be operated in a smoke-free environment. Acceptable Not Acceptable Correction Required Comments:				
i		COLORADO Department of Public Health & Environment			

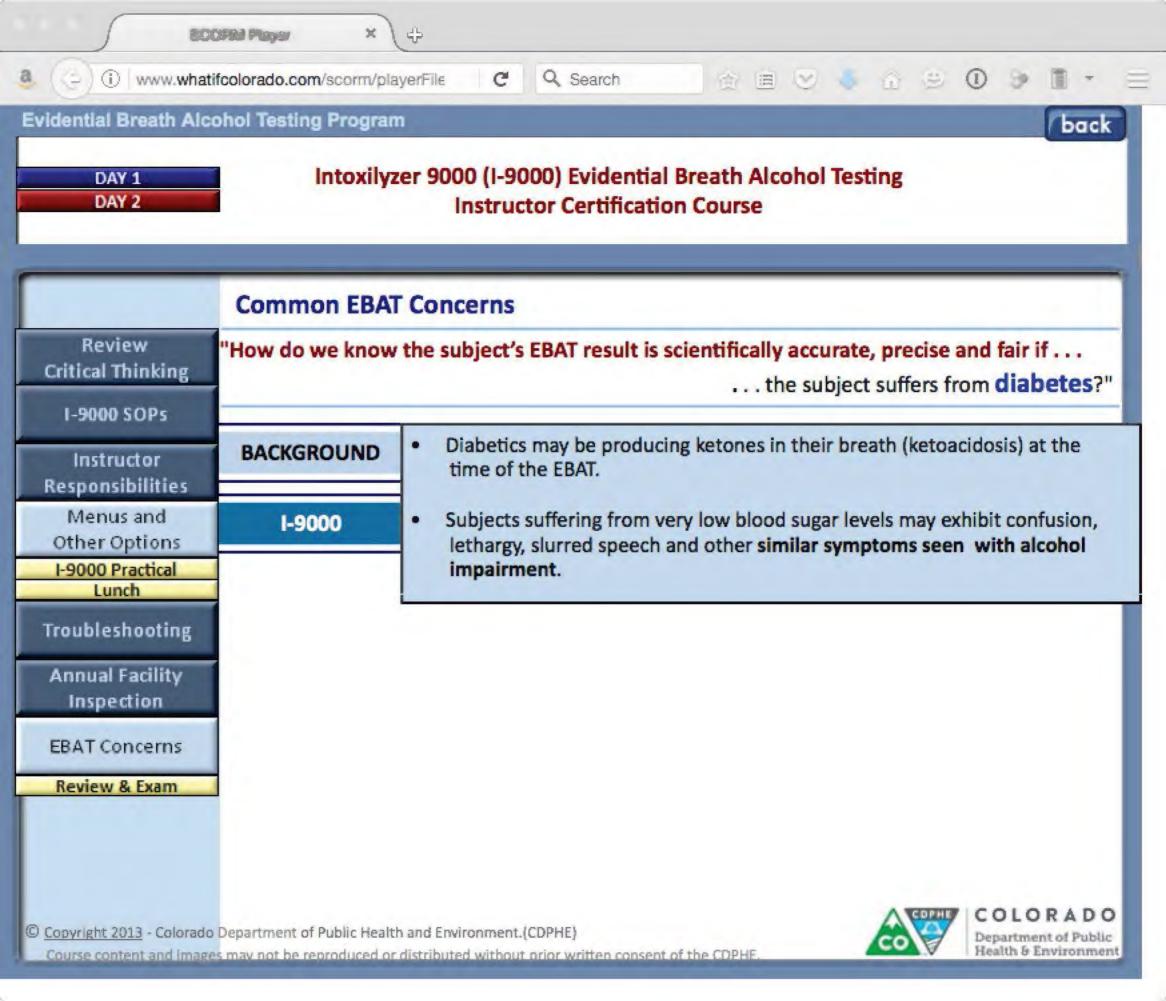
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H. EBAT Instrumentation Simulators				
 Active Simulator Serial Number: Display Reading: (33.8°C - 34.2°C) Digital Thermometer Reading: Digital Thermometer Reading: Comments: 	"C Minimum "C Maximum"C	Annual Facility Inspections Simulators		
 Back-Up Simulator Serial Number: Display Reading: (33.8°C - 34.2°C) Digital Thermometer Reading: Digital Thermometer Reading: Comments: 	"C Minimum "C Maximum°C			
 Back-Up Simulator Serial Number: Display Reading: (33.8°C - 34.2°C) Digital Thermometer Reading: Digital Thermometer Reading: Comments: 	"C Minimum "C Maximum "C			
Calibrated Thermometer Information: Thermometer:				

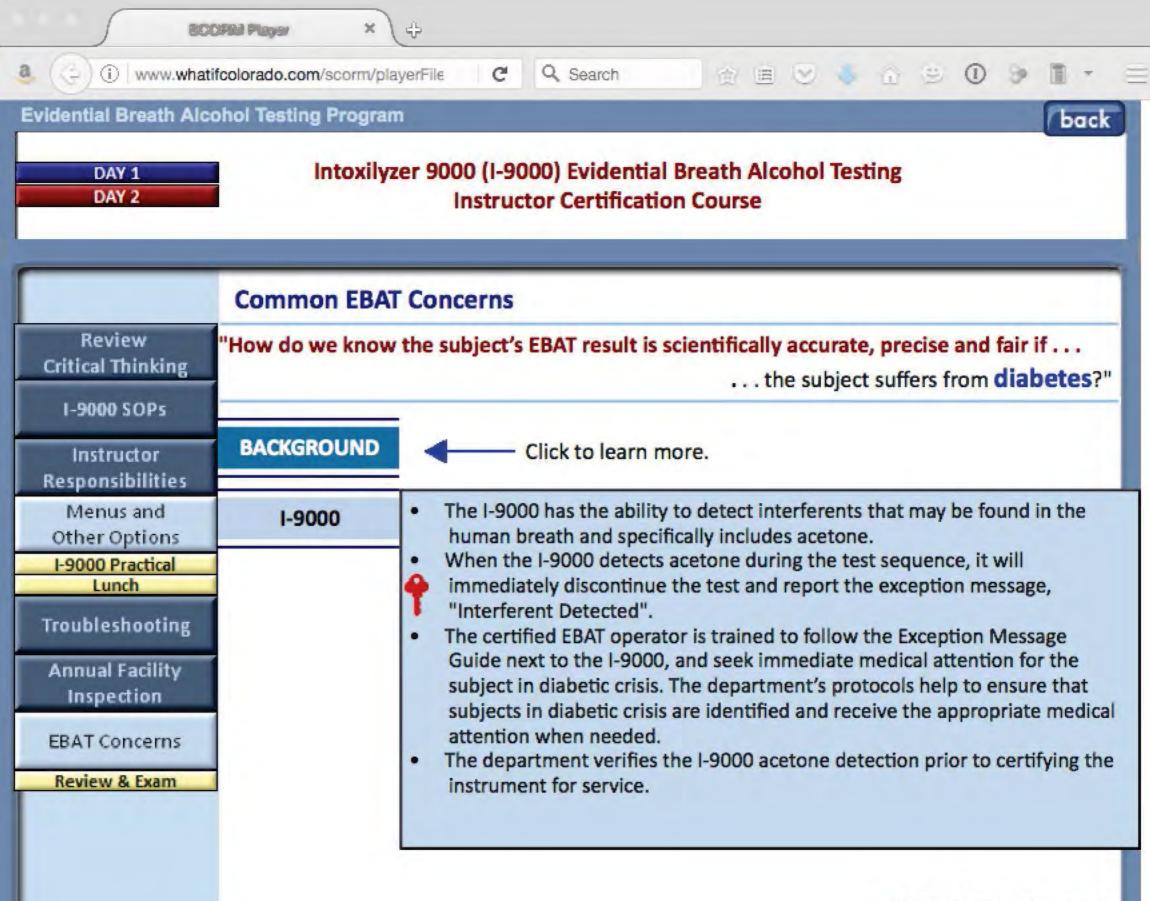


I.	Record Review	home exit back n
	0.100 g/210 liters Standard Simulator Solution in use. Acceptable	Annual Facility Inspections
	Not Acceptable/Correction Required	mapeetions
	Comments: Standard Trend:	Records
2.	Corrective actions taken by the certified EBAT instructor or operator are appropriate and timely when exception messages are encountered.	
	Not Acceptable/Correction Required Comments:	
3.	Standard Simulator Solution is changed as necessary and when required.	
	Not Acceptable/Correction Required Comments:	
. A	utomated 7-Day calibration checks performed.	
	Acceptable	
	Not Acceptable/Correction Required Comments:	
. A	verage number of tests per month:	
	EBAT:	
	Training:	
	Exception Reports:	

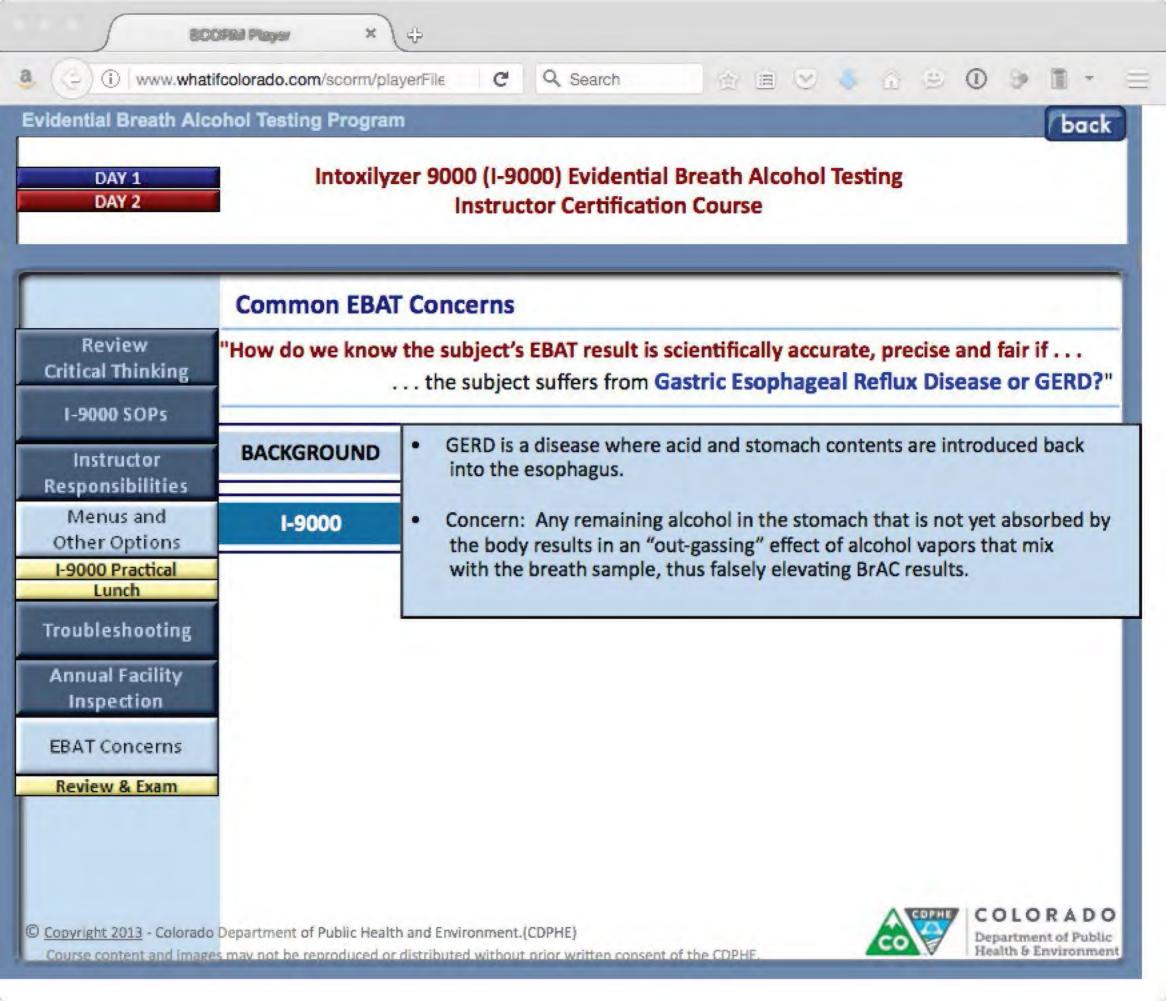


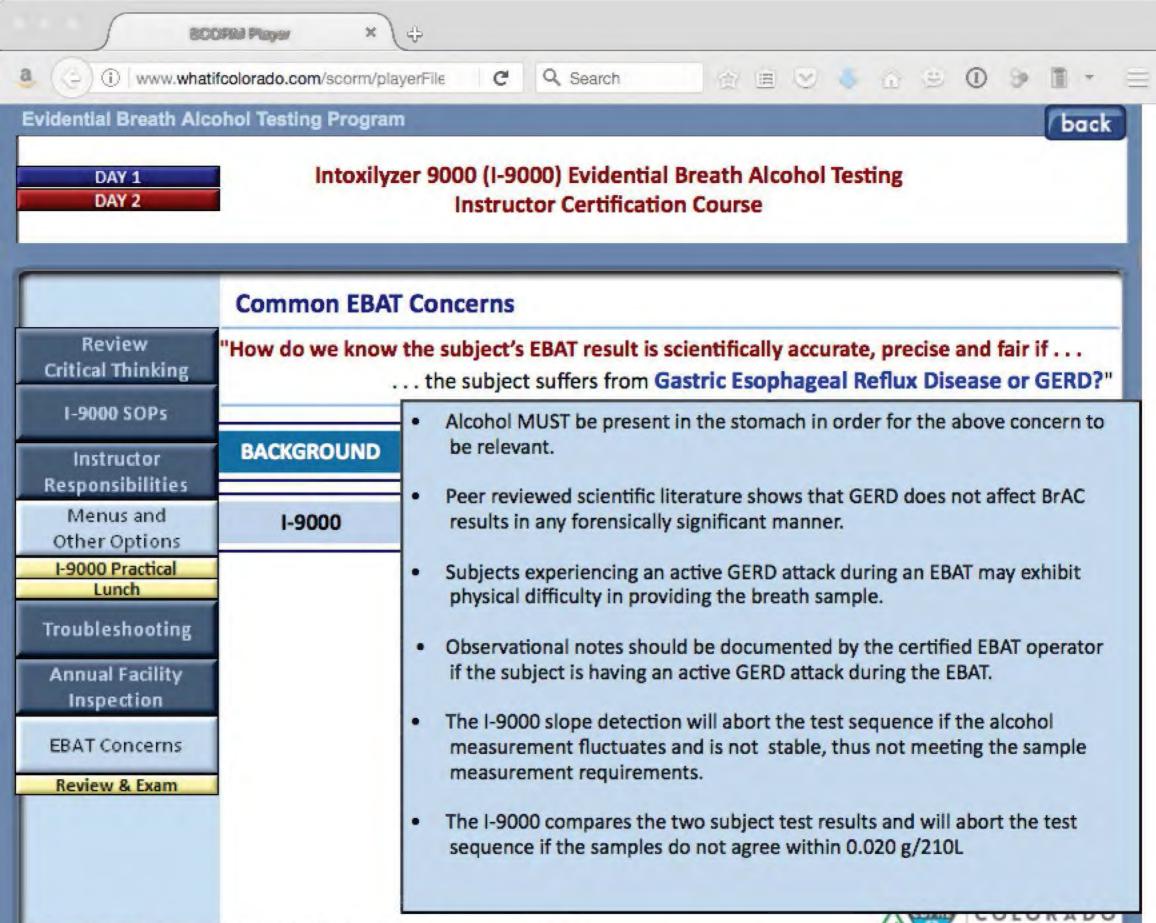
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Evidential Breath Alcohol Testing Program home exit back next						
DAY 1 DAY 2 Intoxilyzer 9000 (I-9000) Evidential Breath Alcohol Testing Instructor Certification Course						
	Common EBAT Concerns	This module addresses frequently asked questions or concerns pertaining to the I-9000 and EBAT results.				
Review	Review (Click the links below to learn about common EBAT concerns.)					
Critical Thinking "How do we know the subject's EBAT result is scientifically accurate, precise and fair if I-9000 SOPs the subject suffers from diabetes?" Instructor the subject suffers from Gastric Esophageal Reflux Disease or GERD?"						
				Responsibilities	erature was unknown at the time of the EBAT?"	
				Menus and the subject had mouth alcohol at the time of the EBAT?"		
Other Options	in the subject has interest in the first and the the the test					
Lunch (examples: dentures, tobacco, tongue studs, blood, chewing gum or other material)						
Troubleshooting	the subject's EBAT result was o	obtained using the <u>new I-9000</u> ?"				
the subject's partition ratio was not known at the time		as not known at the time of the EBAT?"				
Annual Facility Inspection the subject's EBAT report & I-9000 Performance Report (IPR) records are incomplete?						
			EBAT Concerns	EBAT Concerns the test attempt resulted in a Radio Frequency Interference (RFI) exception message?"		
Concerns •	Concerns the I-9000 calibration check was not exactly 0.100 g/210L?"					
Review & Exam	Review & Exam the subject was exposed to chemicals, paints, thinners, fuels and other volatiles prior to the EBAT?"					
	the I-9000 histogram doesn't	look typical.				
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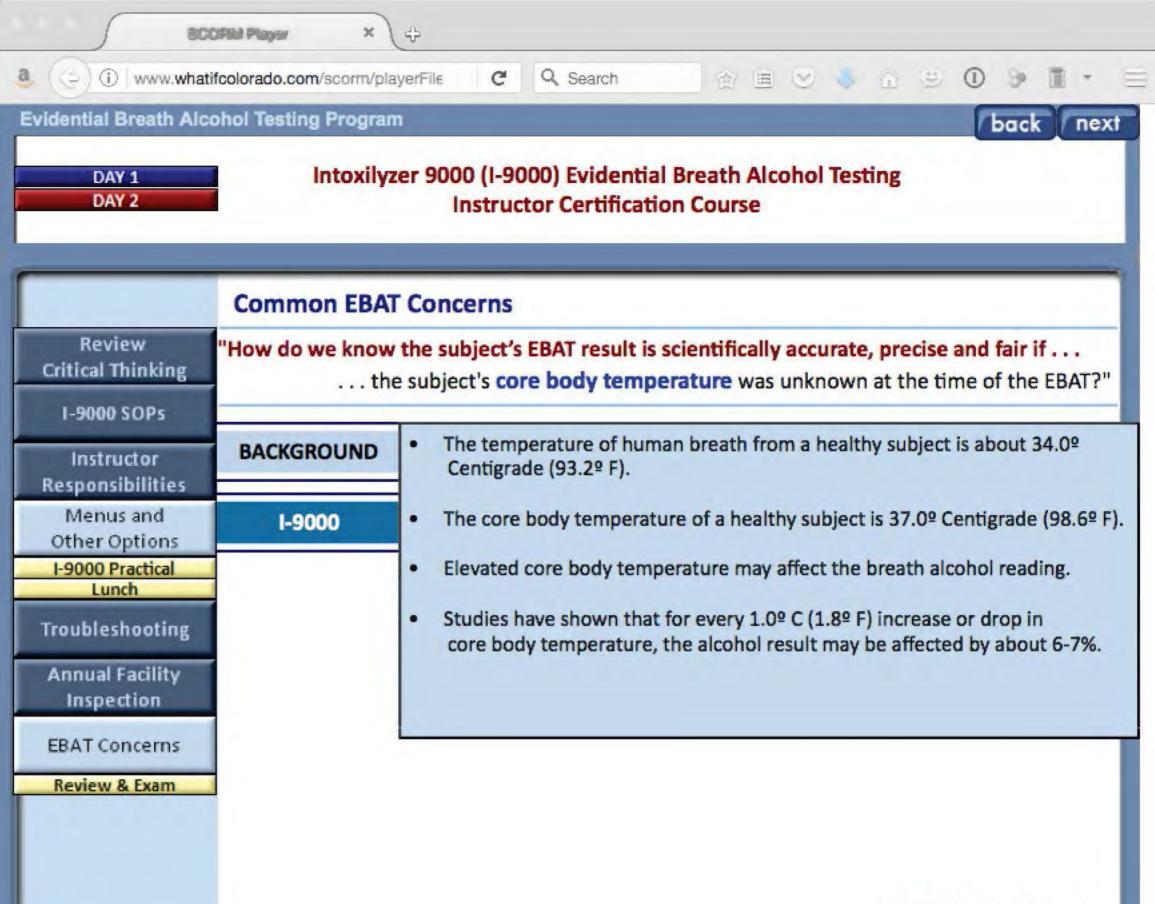


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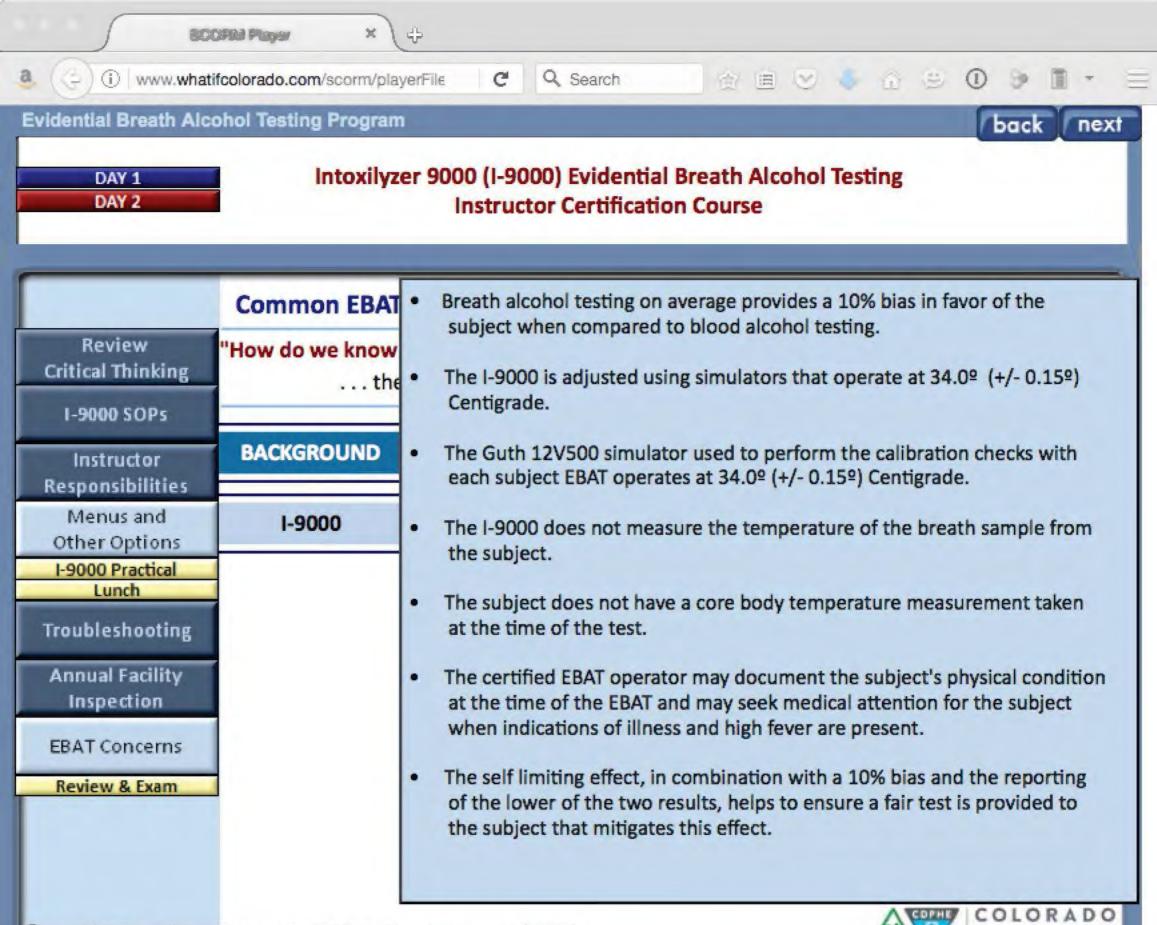
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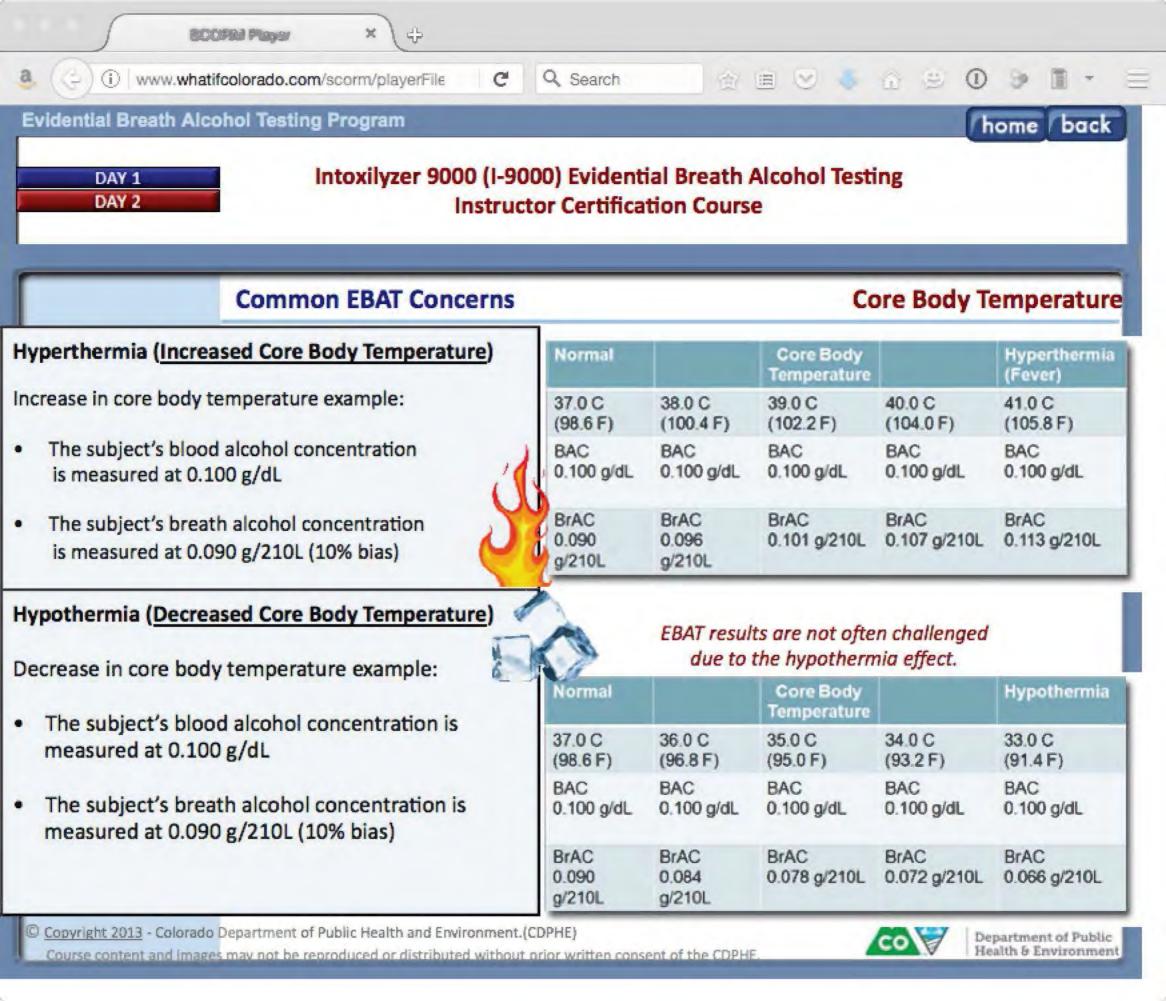


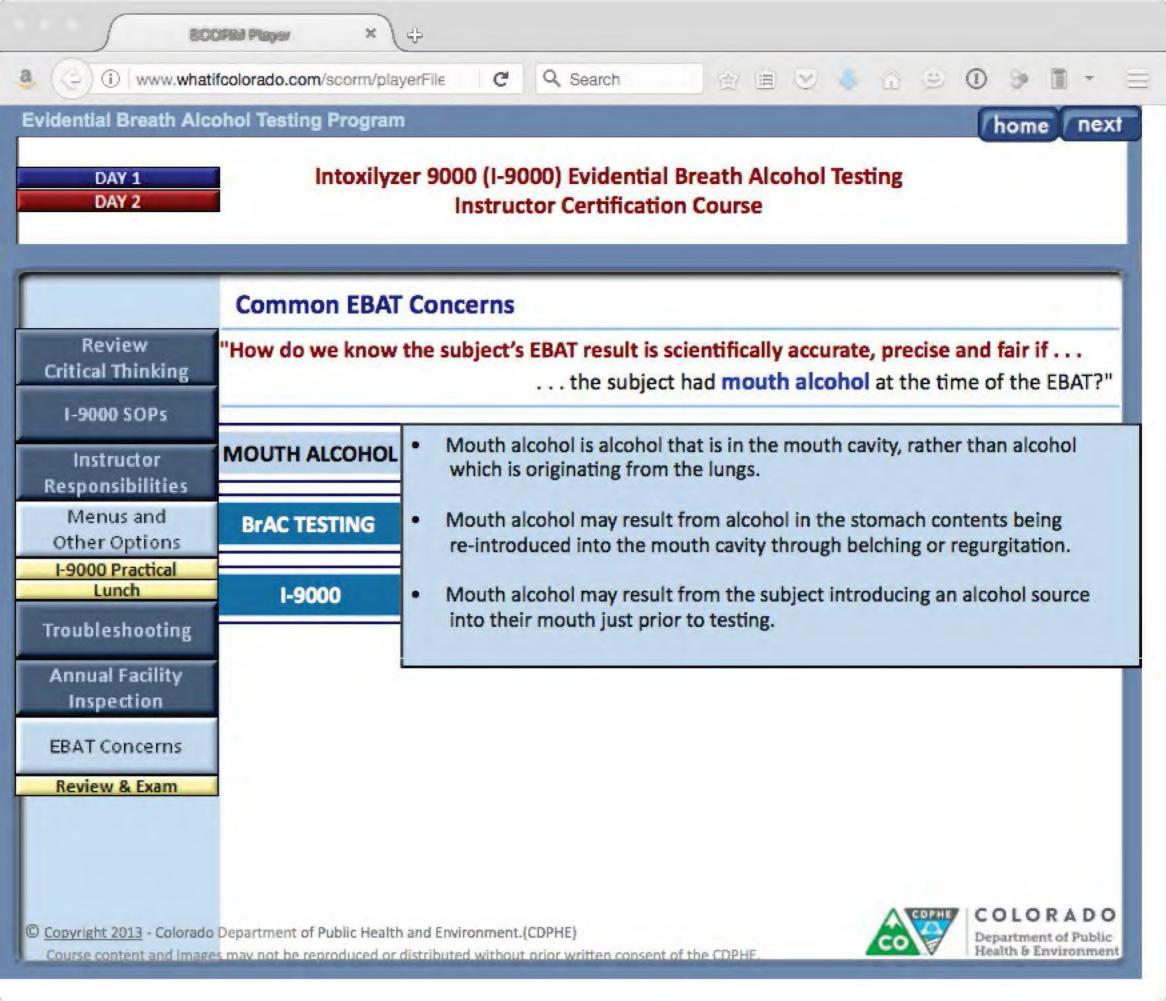
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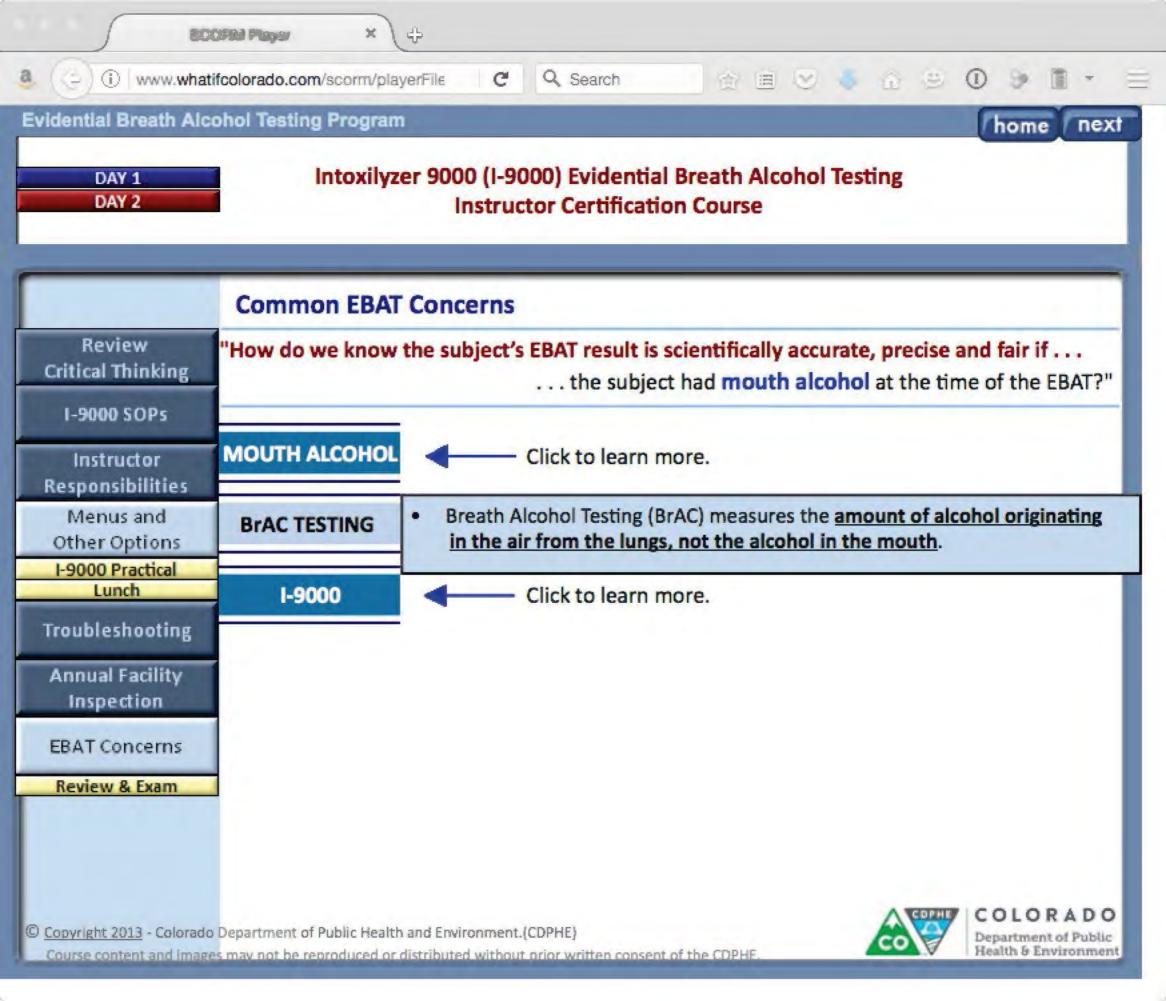
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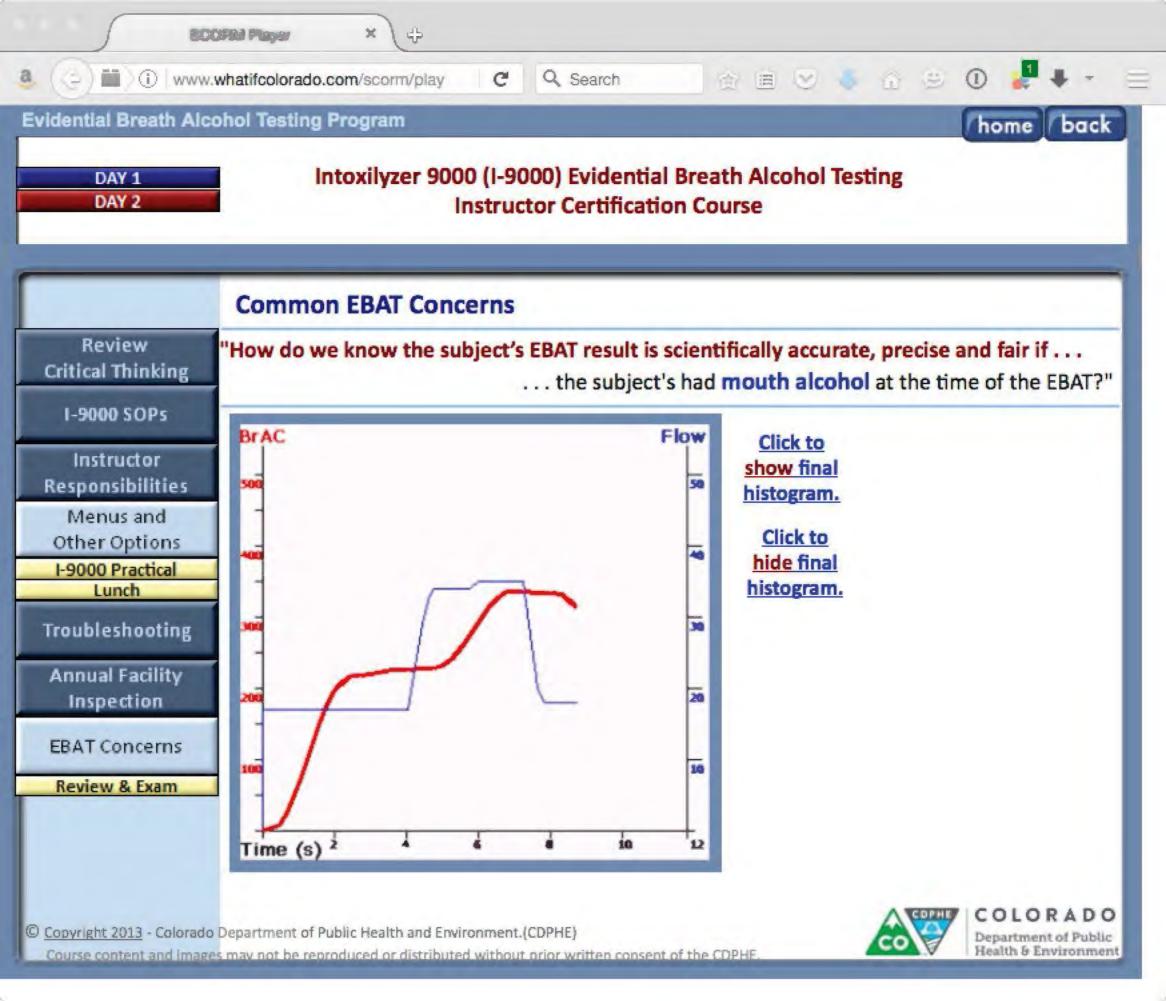


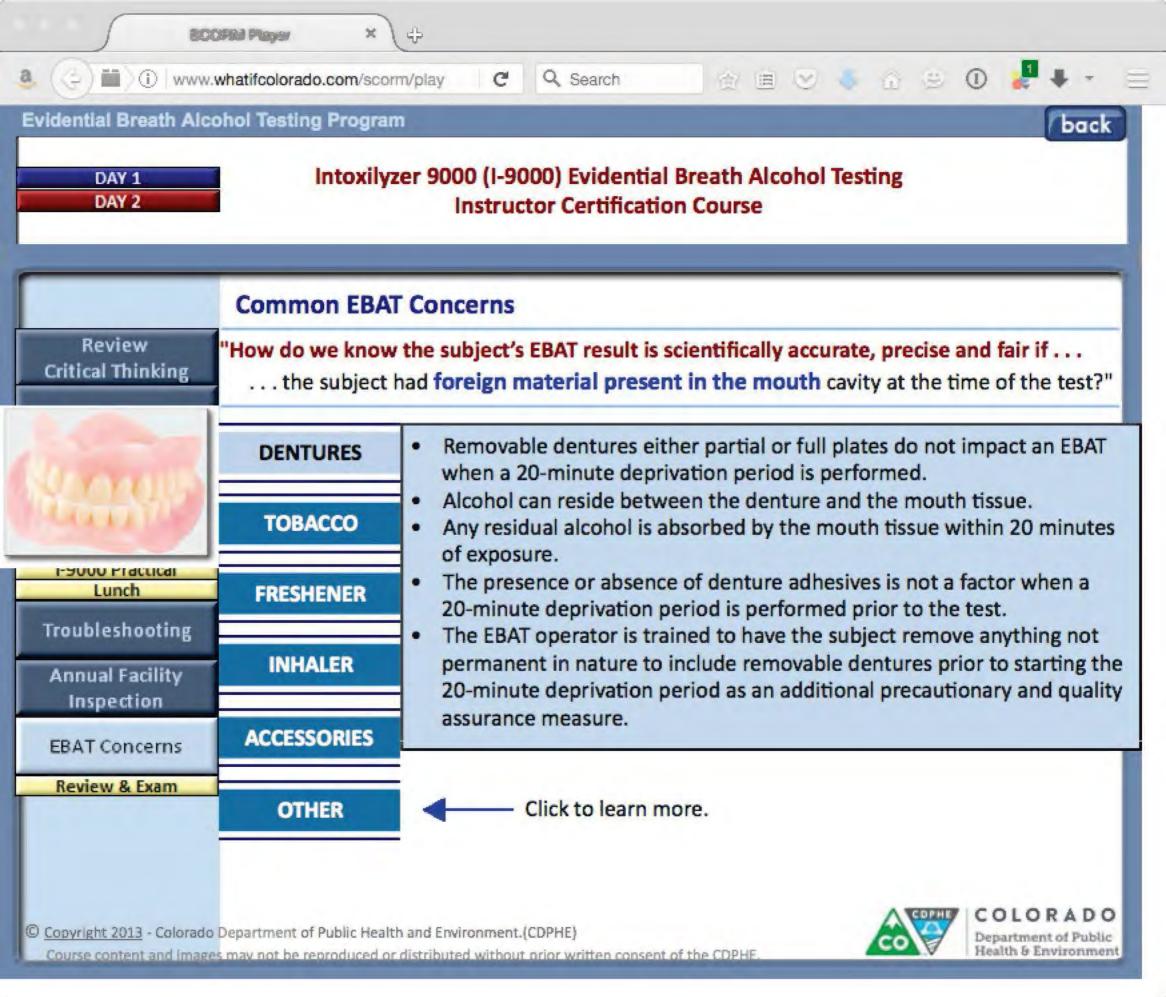
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Evidential Breath Alcohol Testing Program		home next
DAY 1 DAY 2	Intoxilyz	 A number of assurances are in place to make certain that BrAC is measuring the alcohol in the breath originating from the lungs and not the mouth.
	Common EBAT	 The 20-min deprivation period allows any alcohol in the mouth ample time to be fully absorbed, thus not remaining in the mouth cavity during the breath test.
Review Critical Thinking	"How do we know	 Certified operators are trained to perform the 20-min deprivation period, which includes the removal of any foreign material from the subject's mouth, observation of any belching or regurgitation and depriving the
I-9000 SOPs Instructor Responsibilities	MOUTH ALCOHOL	subject access to placing anything in their mouth prior to the first breath sample and through the completion of the second breath sample. If any of the above actions are observed, then another 20-min deprivation period is conducted prior to repeating the breath test.
Menus and Other Options I-9000 Practical	BrAC TESTING	 The I-9000 has the ability to detect when mouth alcohol is present and will discontinue the test sequence reporting an invalid sample exception
Lunch	1-9000	message and another 20-min deprivation period is repeated.
Annual Facility Inspection EBAT Concerns		 The breath testing procedure includes 2 subject breath samples that must agree within 0.020 g/210L. If the two breath samples fall outside of this agreement, then a "No 0.020 agreement" exception message is reported and another 20-min deprivation period is performed before the subject can be re-tested.
Review & Exam		 A combination of the 20-min deprivation, the I-9000's ability to detect mouth alcohol and the 0.020 agreement between breath samples remove the possibility of mouth alcohol having any impact on a subject's breath test (EBAT).

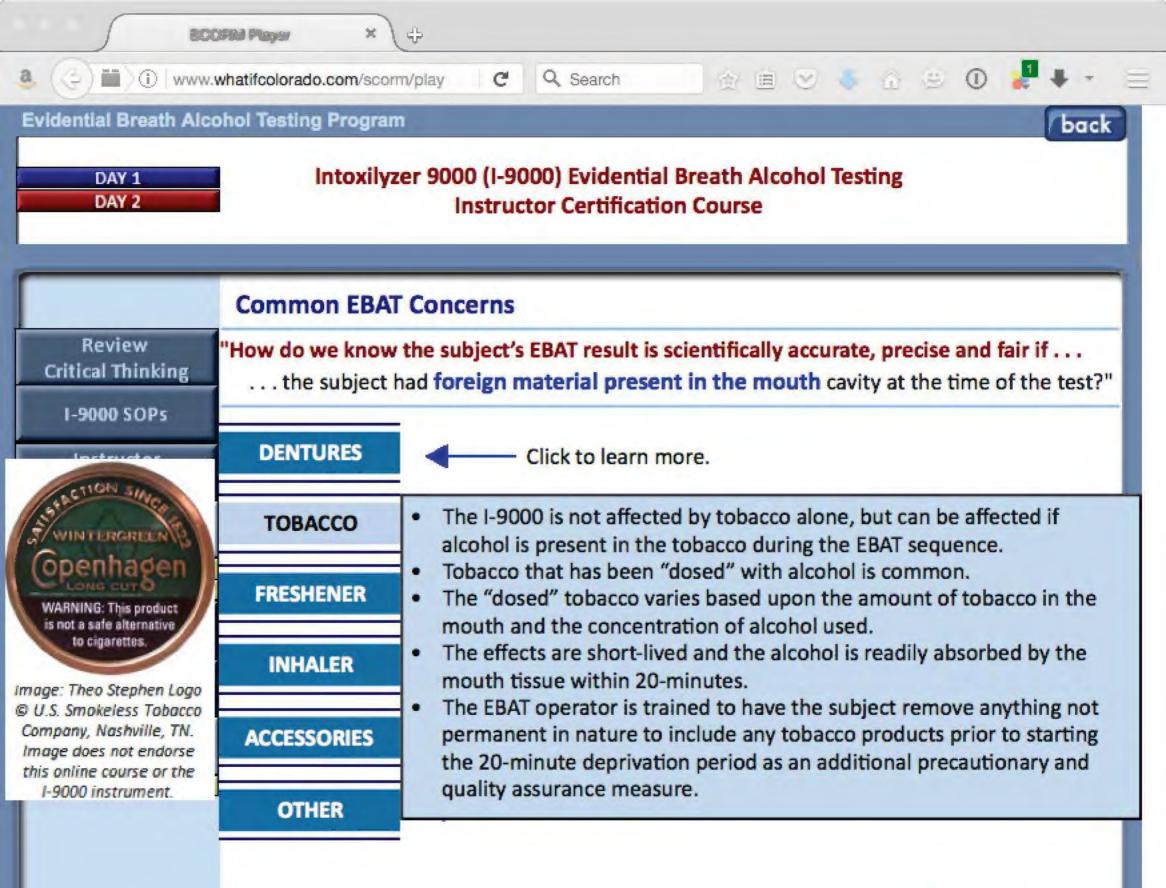
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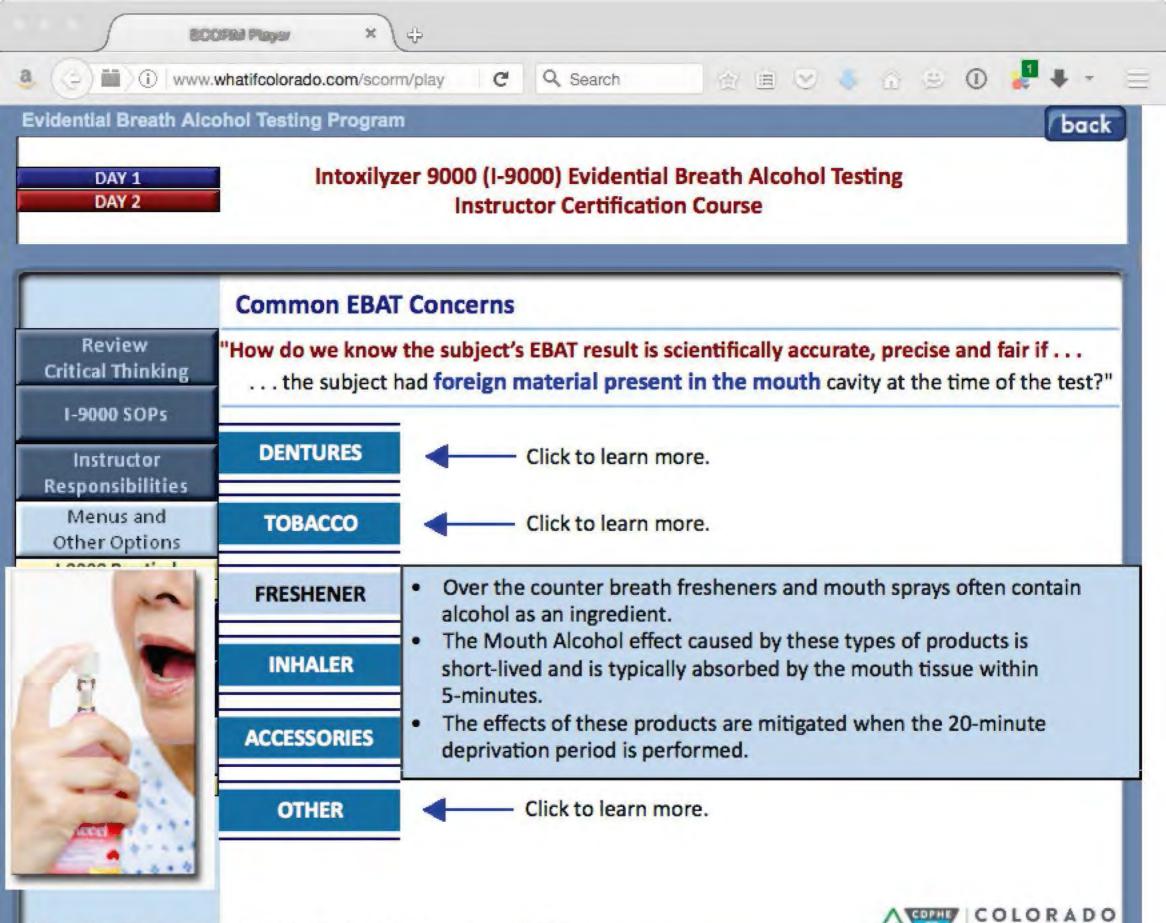
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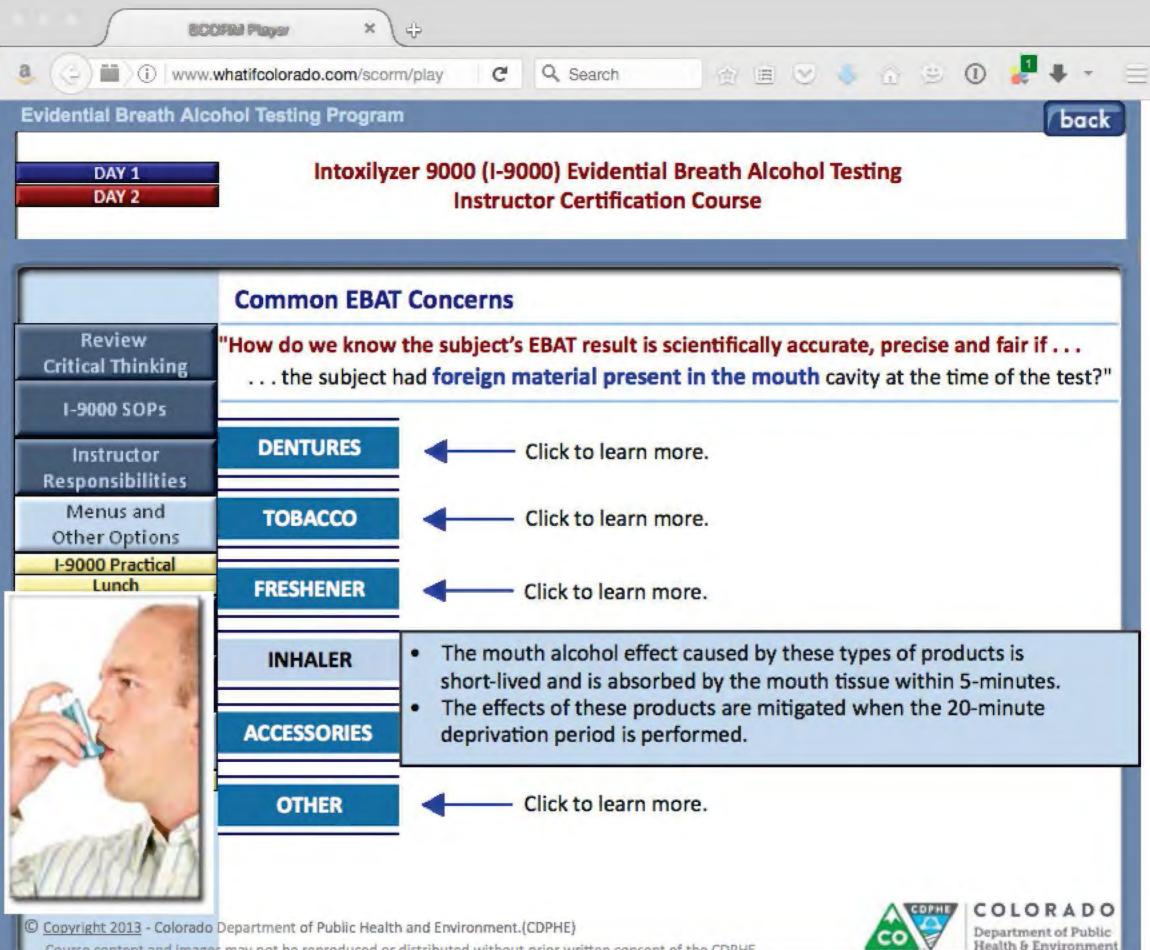


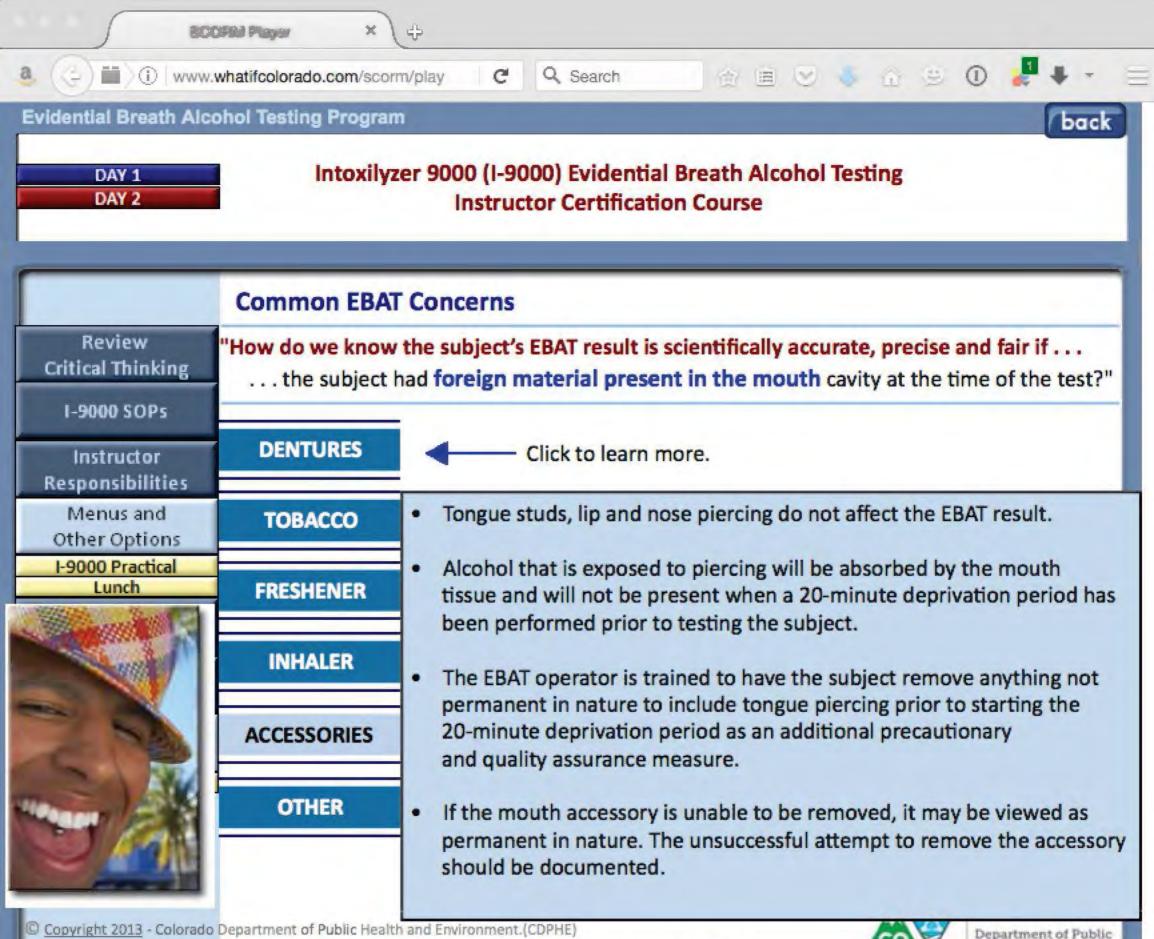




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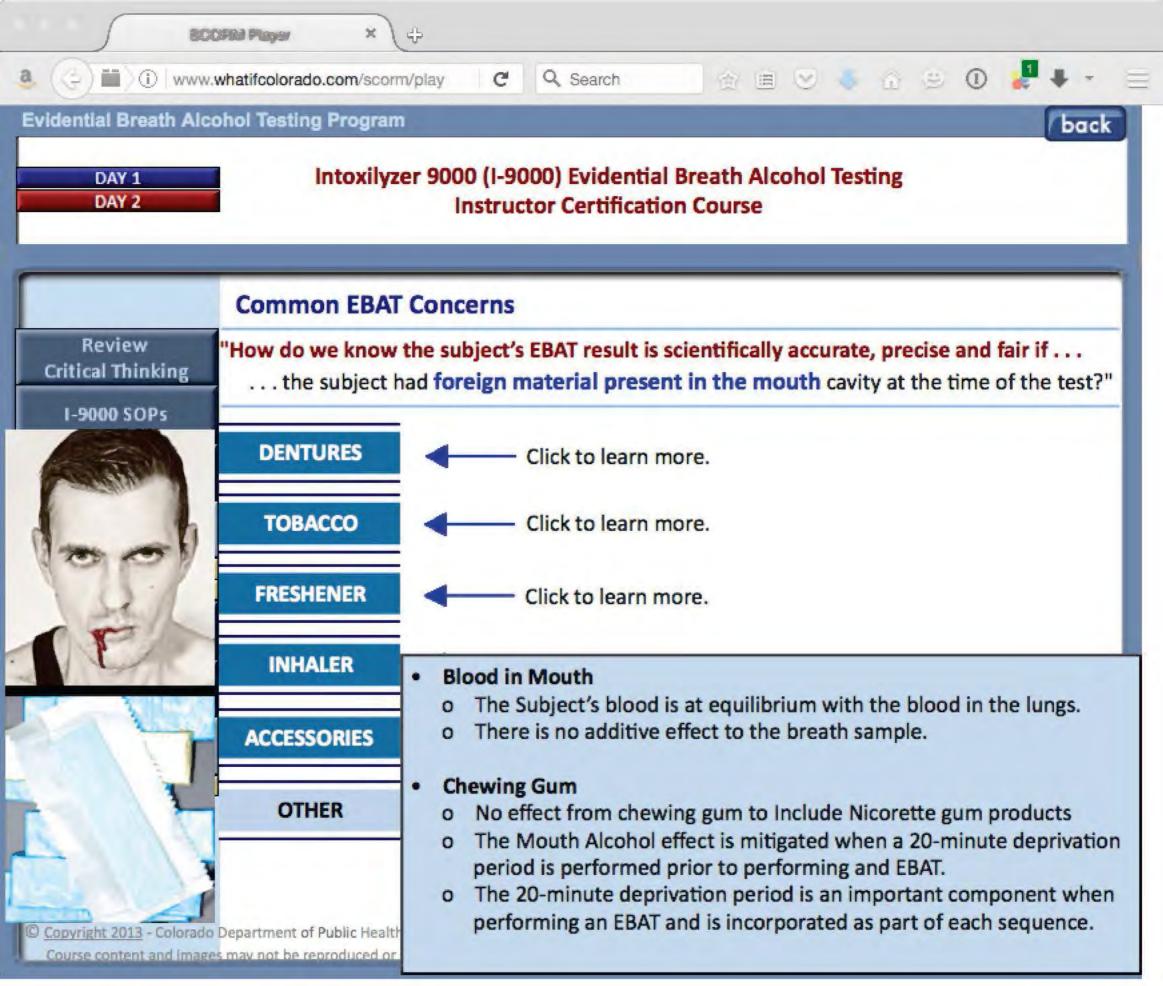
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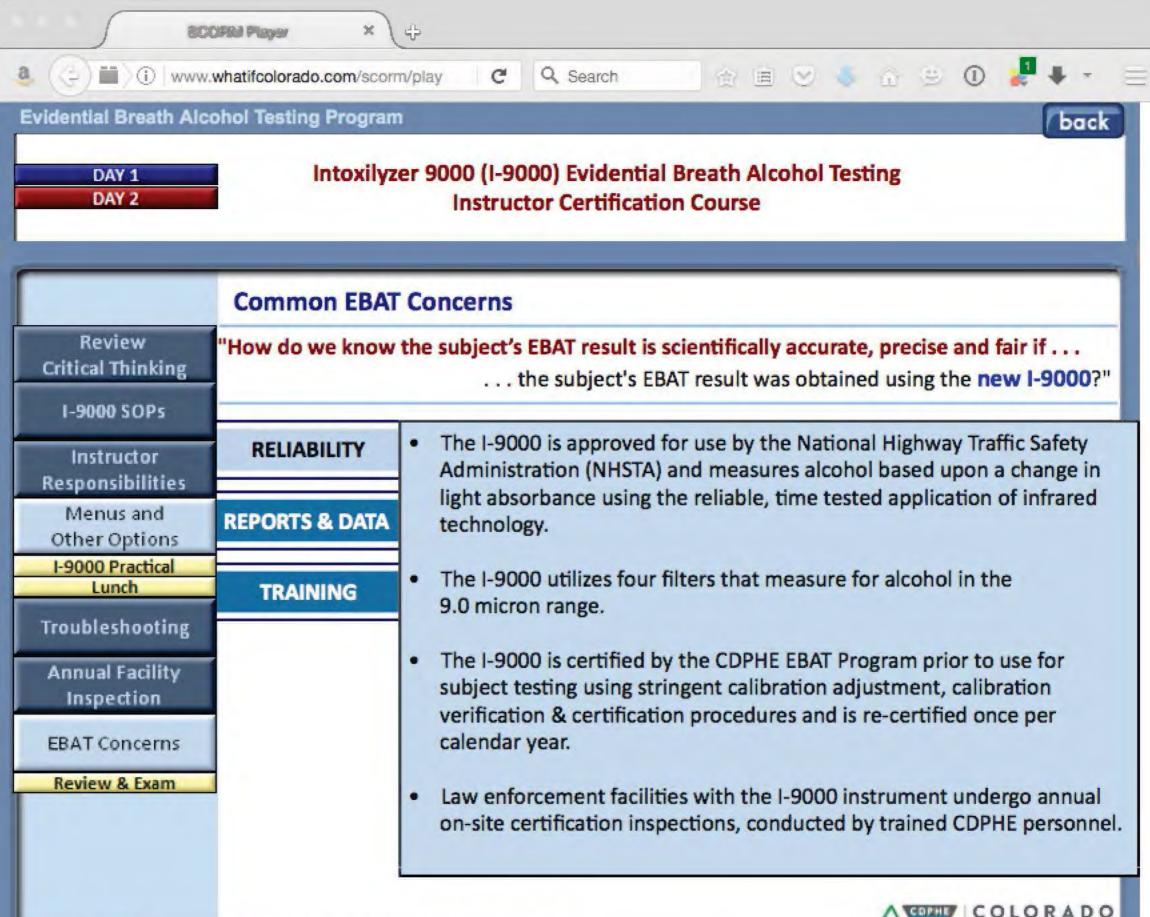




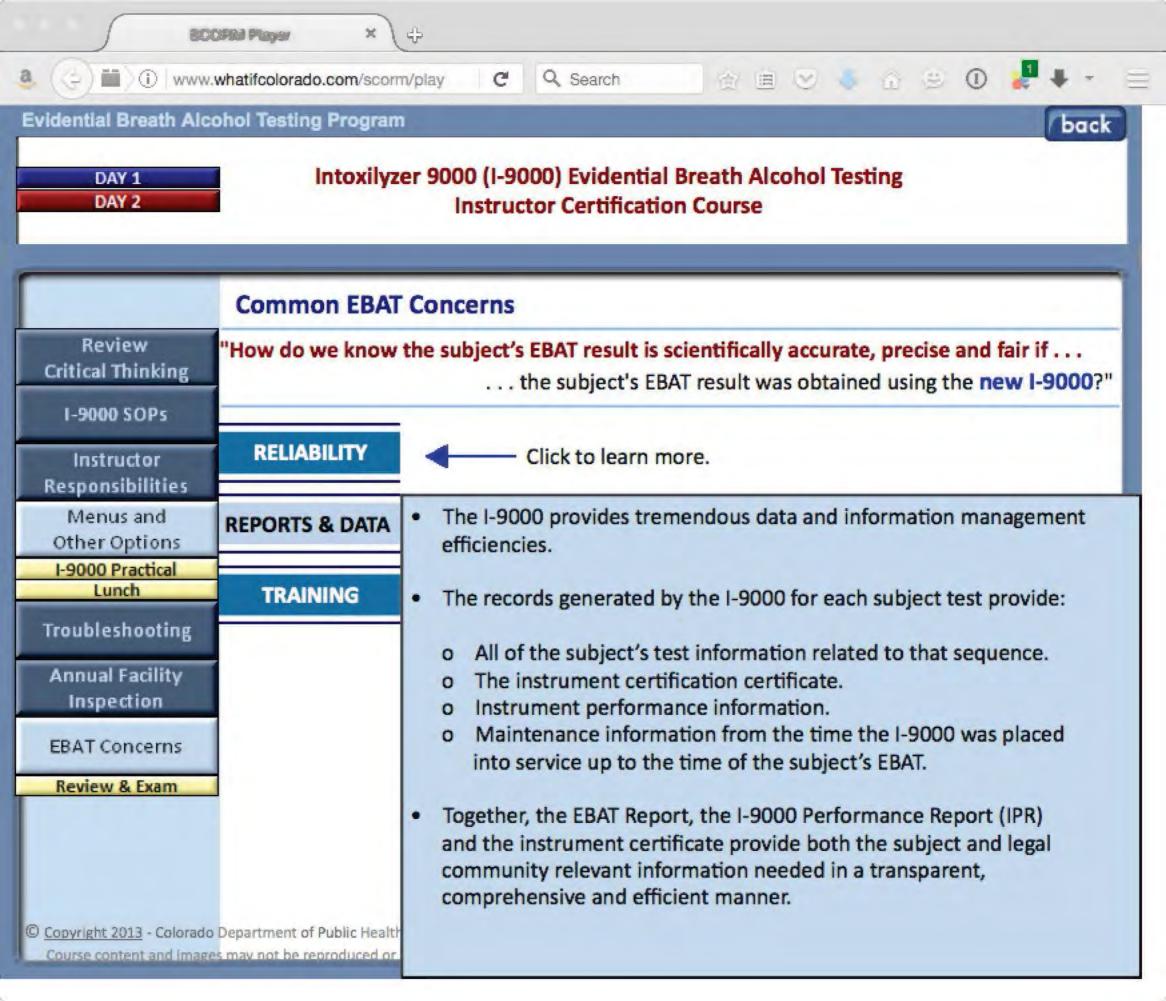
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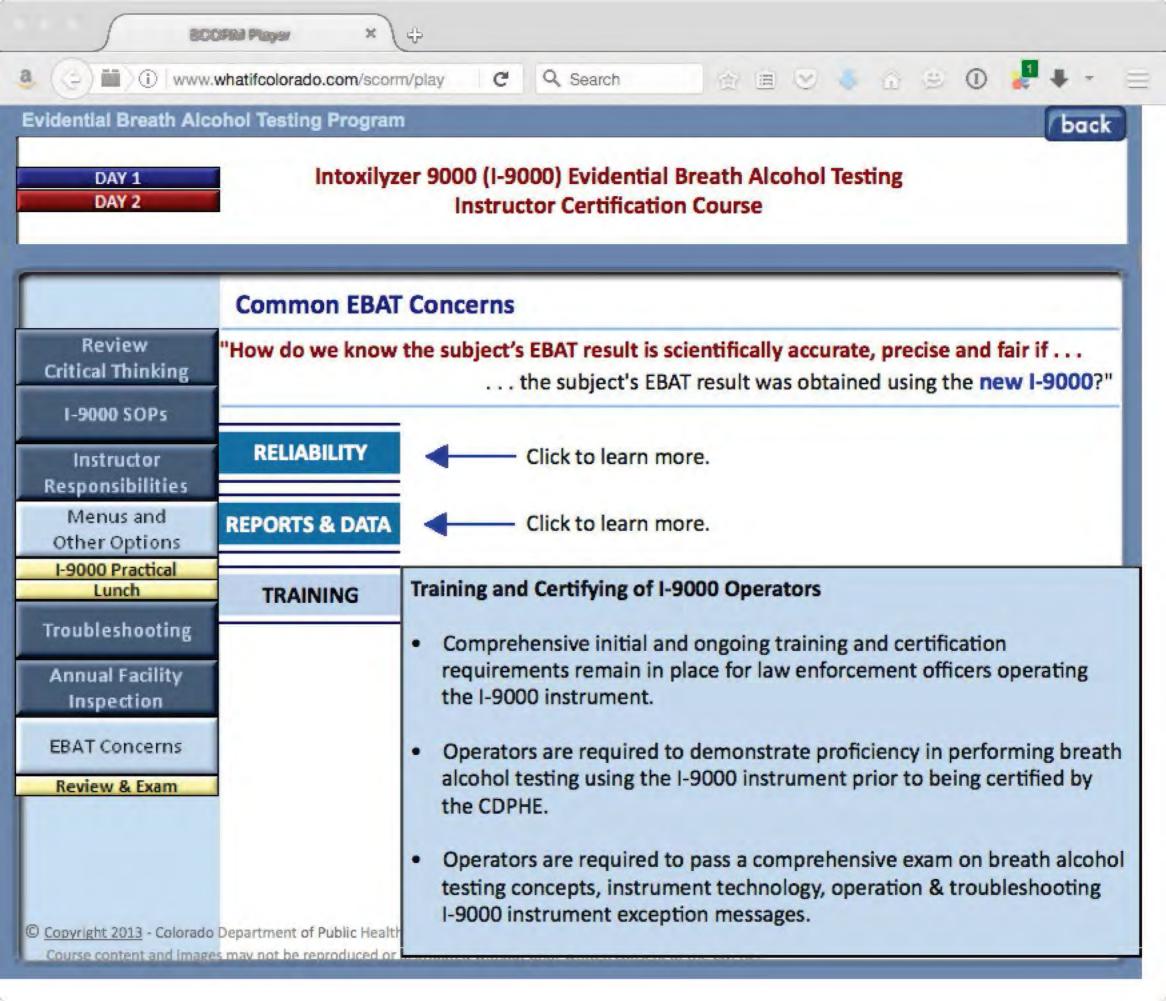
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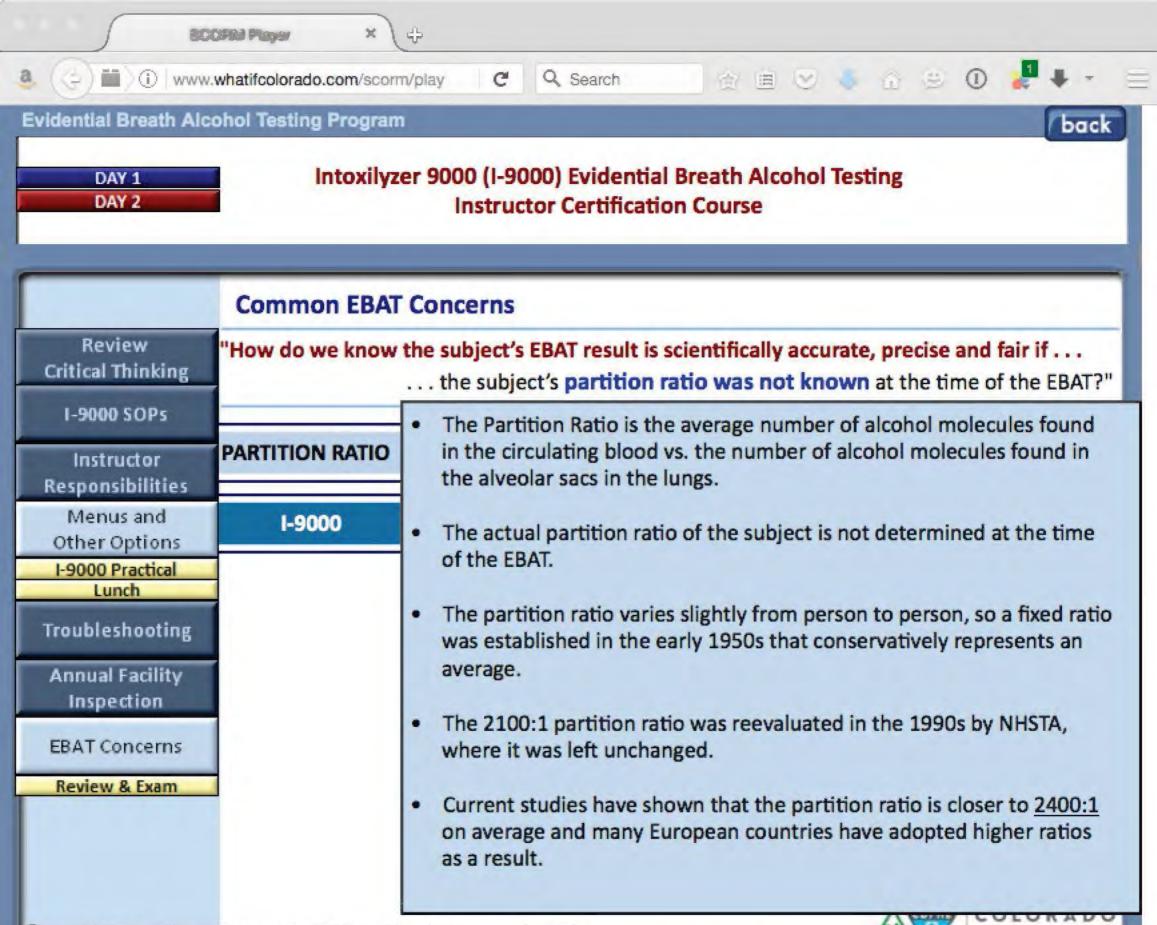










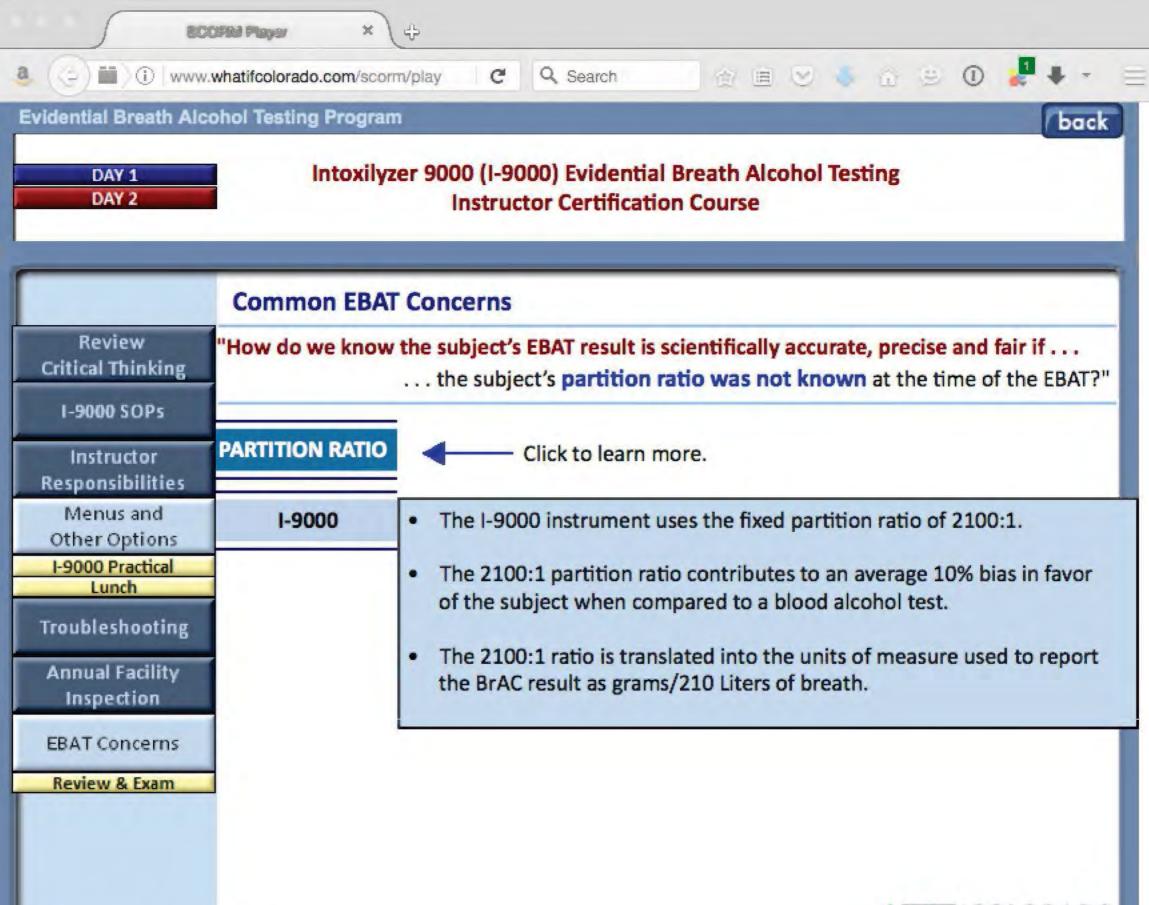


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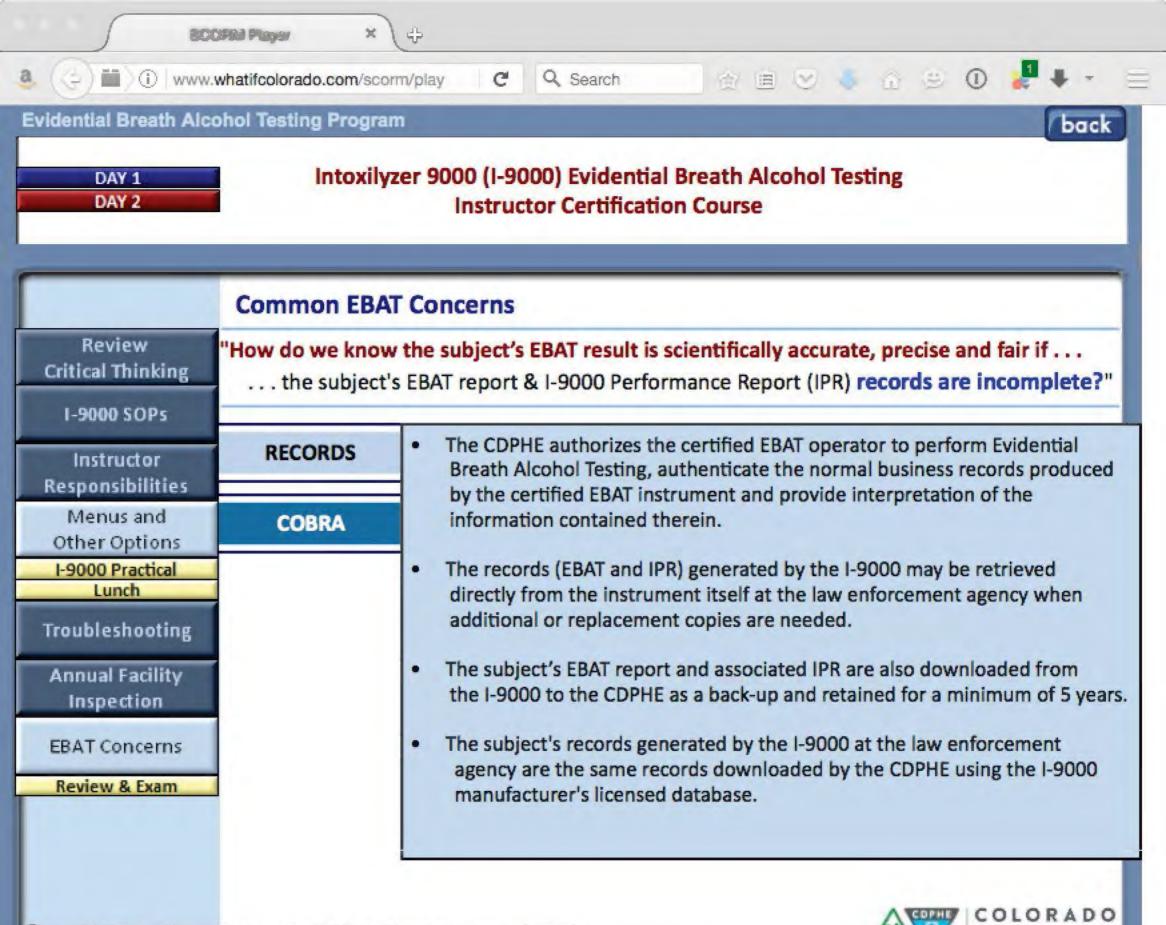
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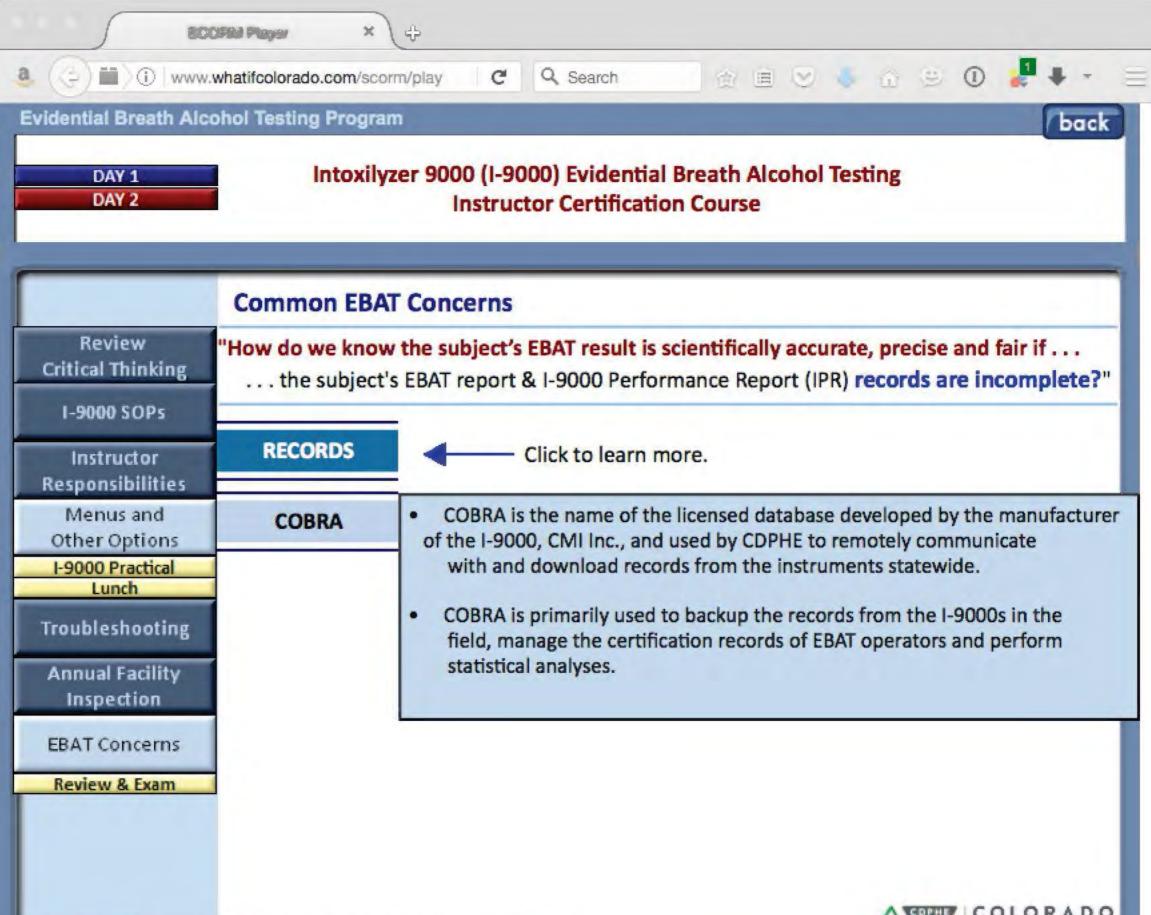


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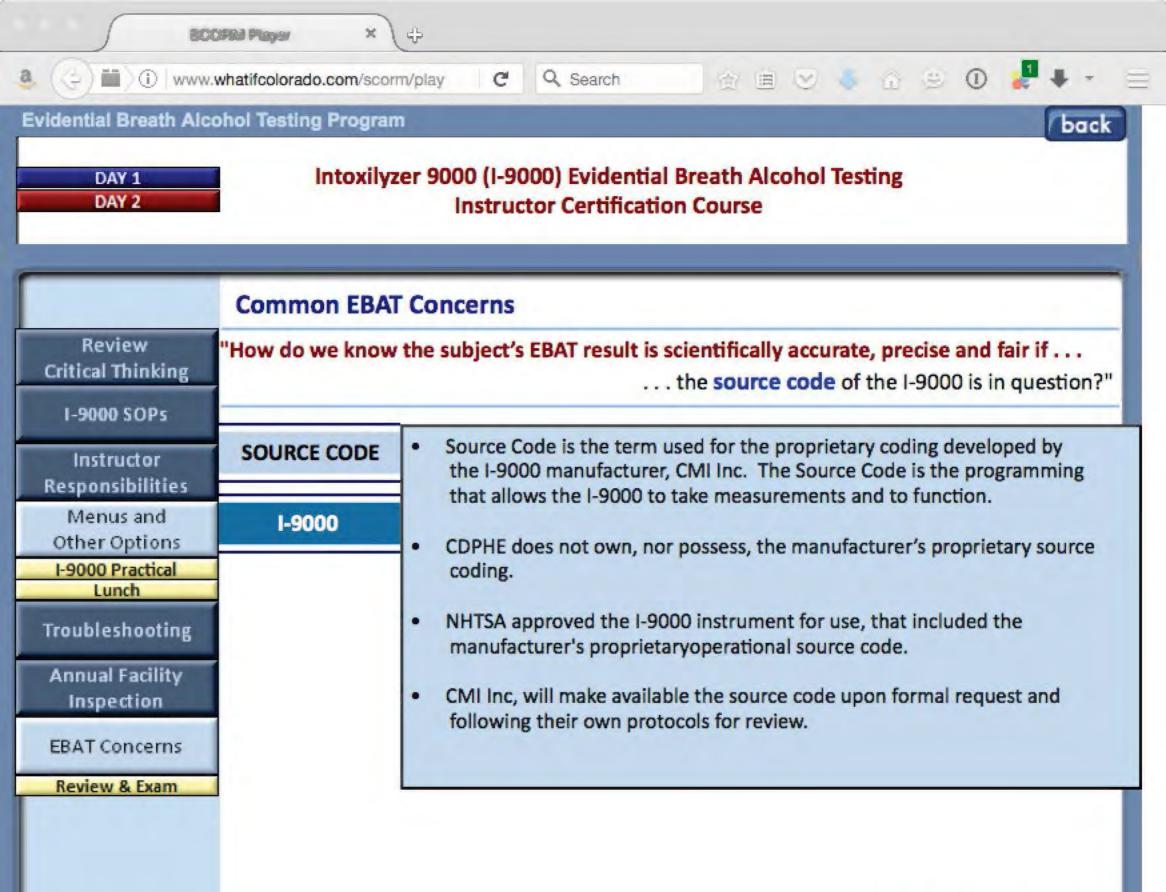


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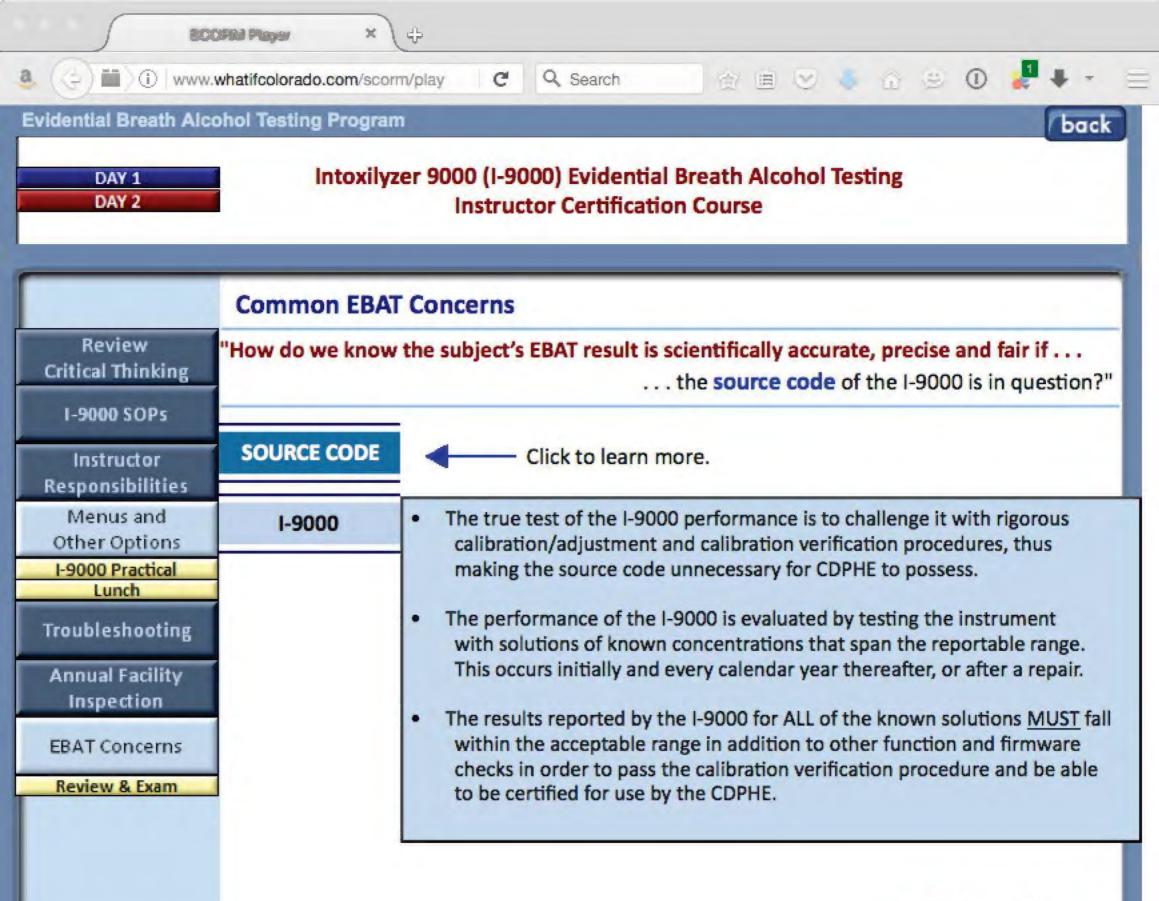
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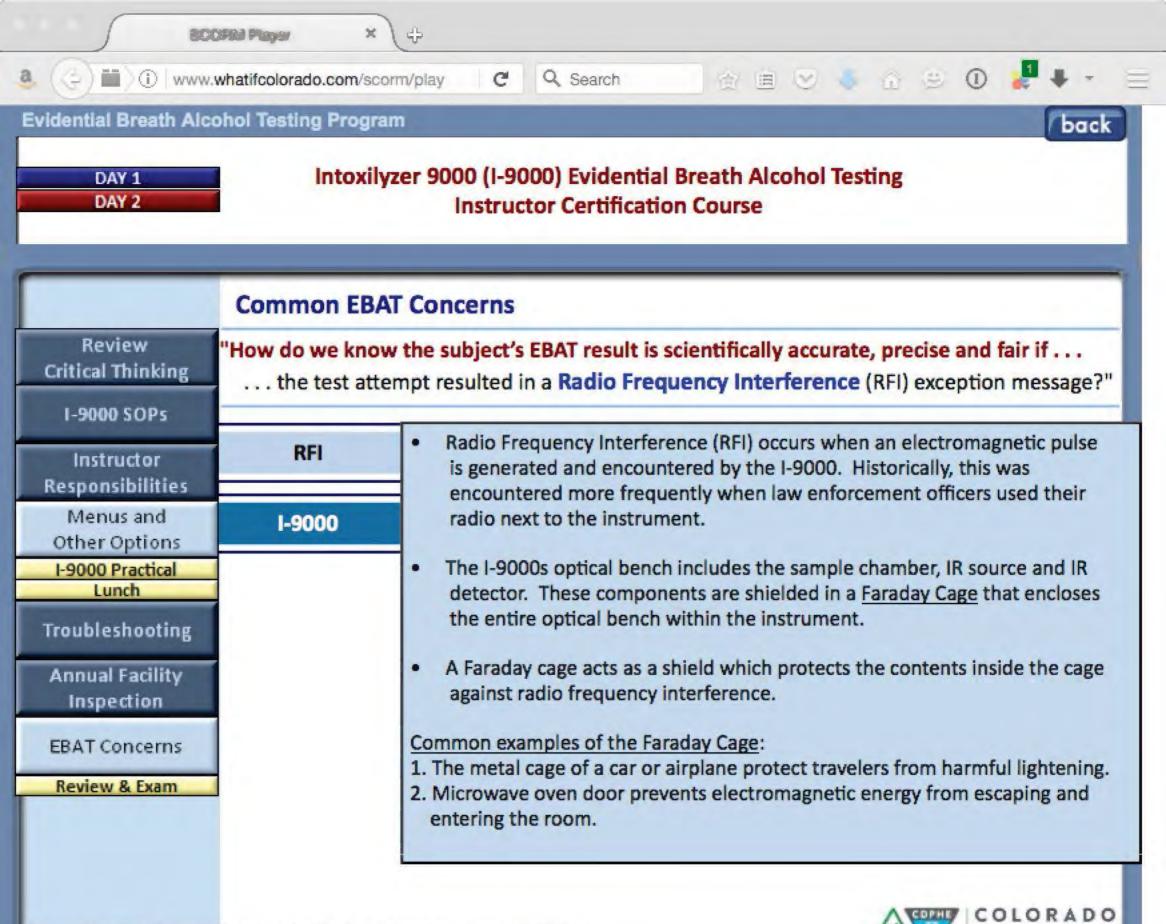
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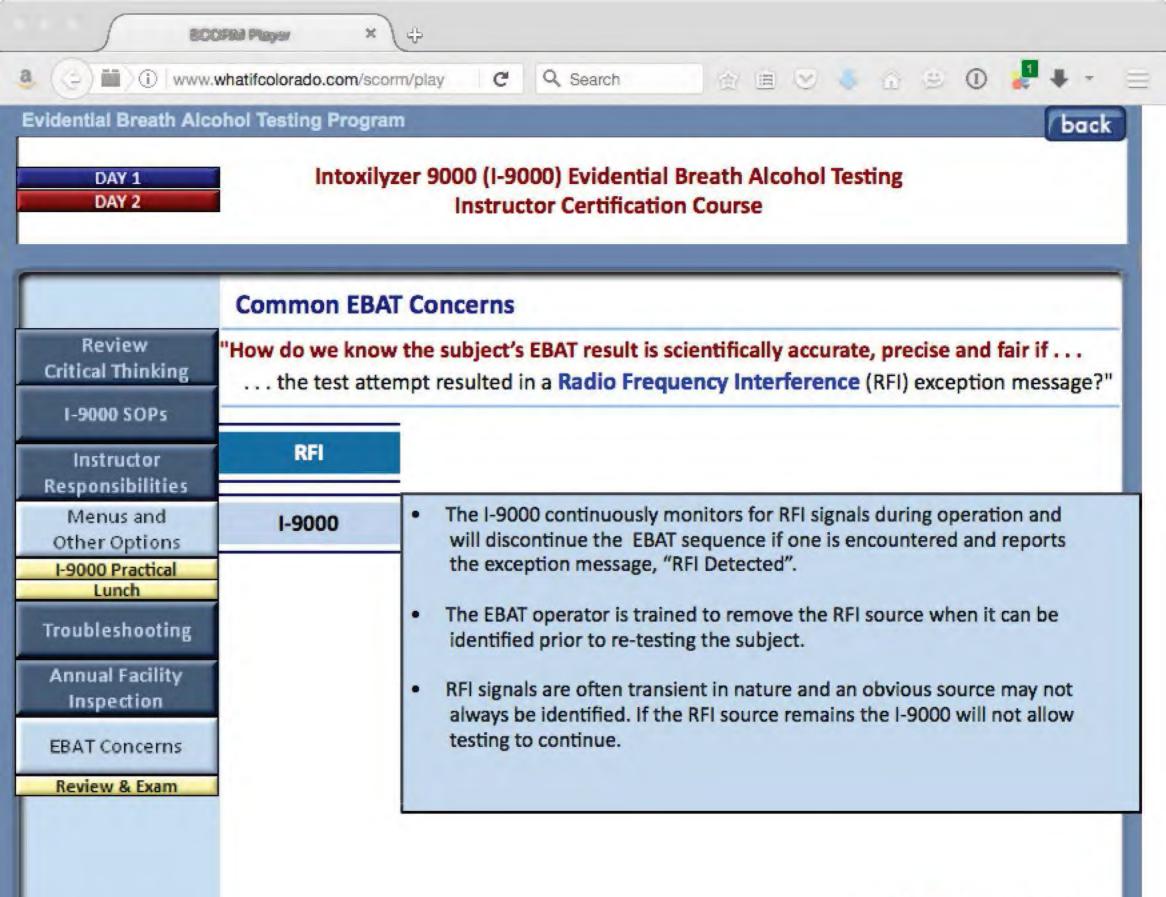




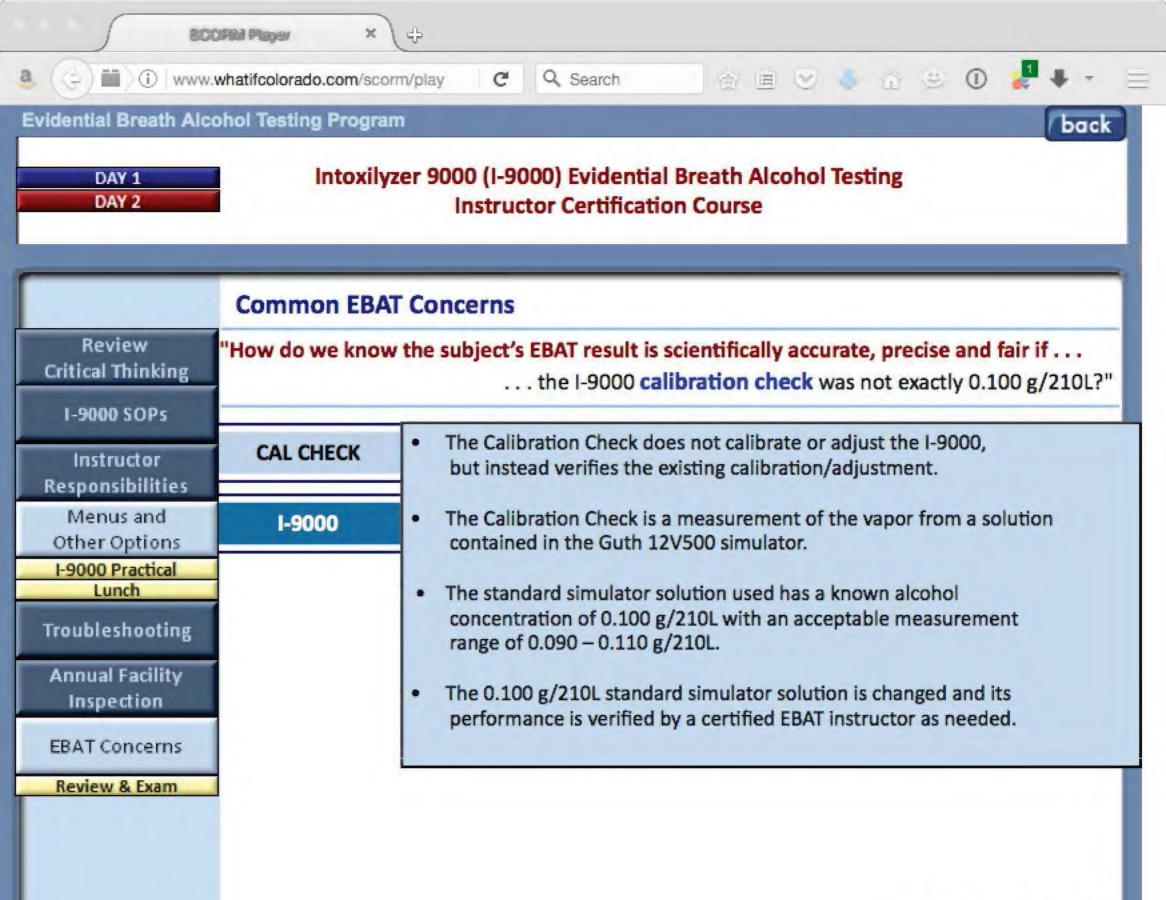


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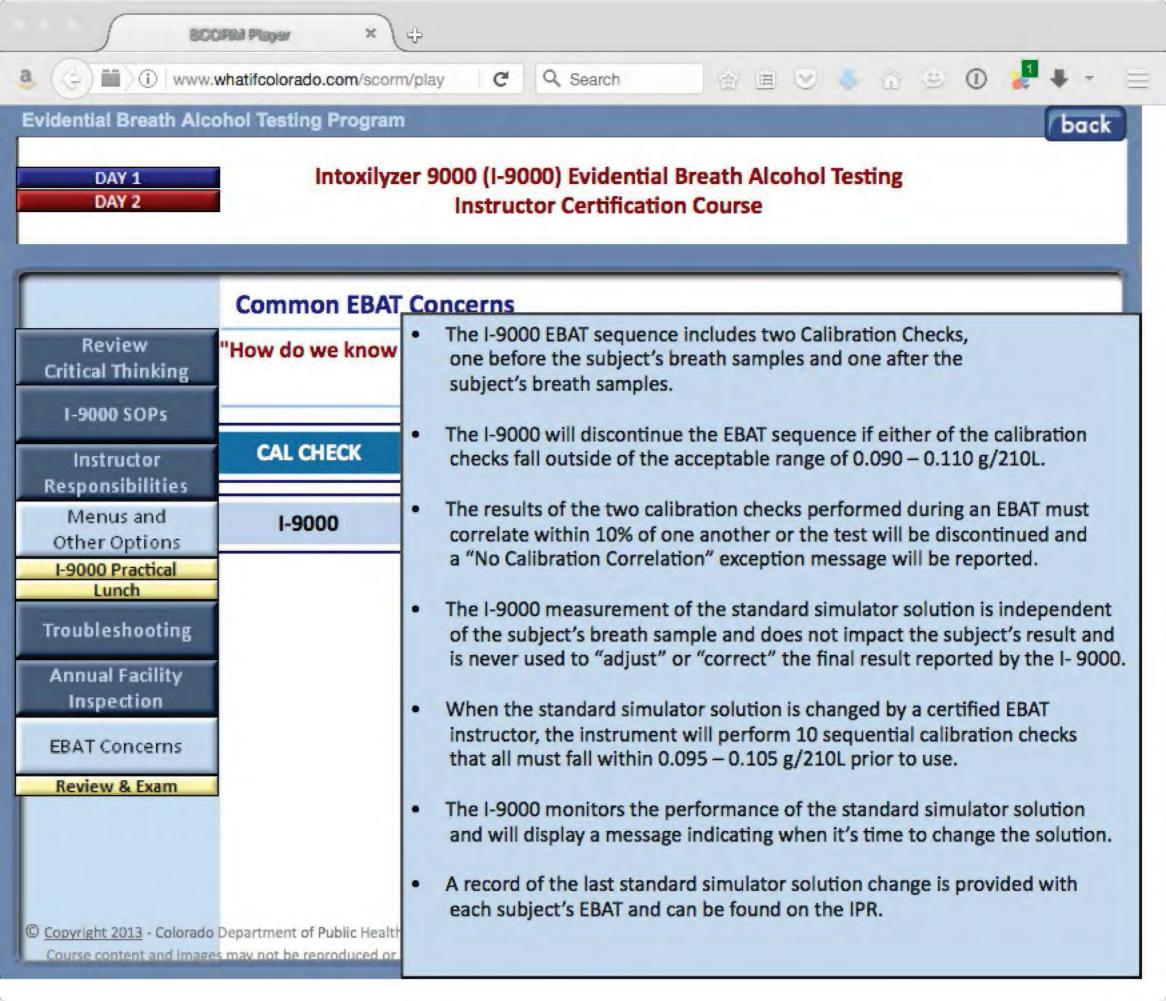
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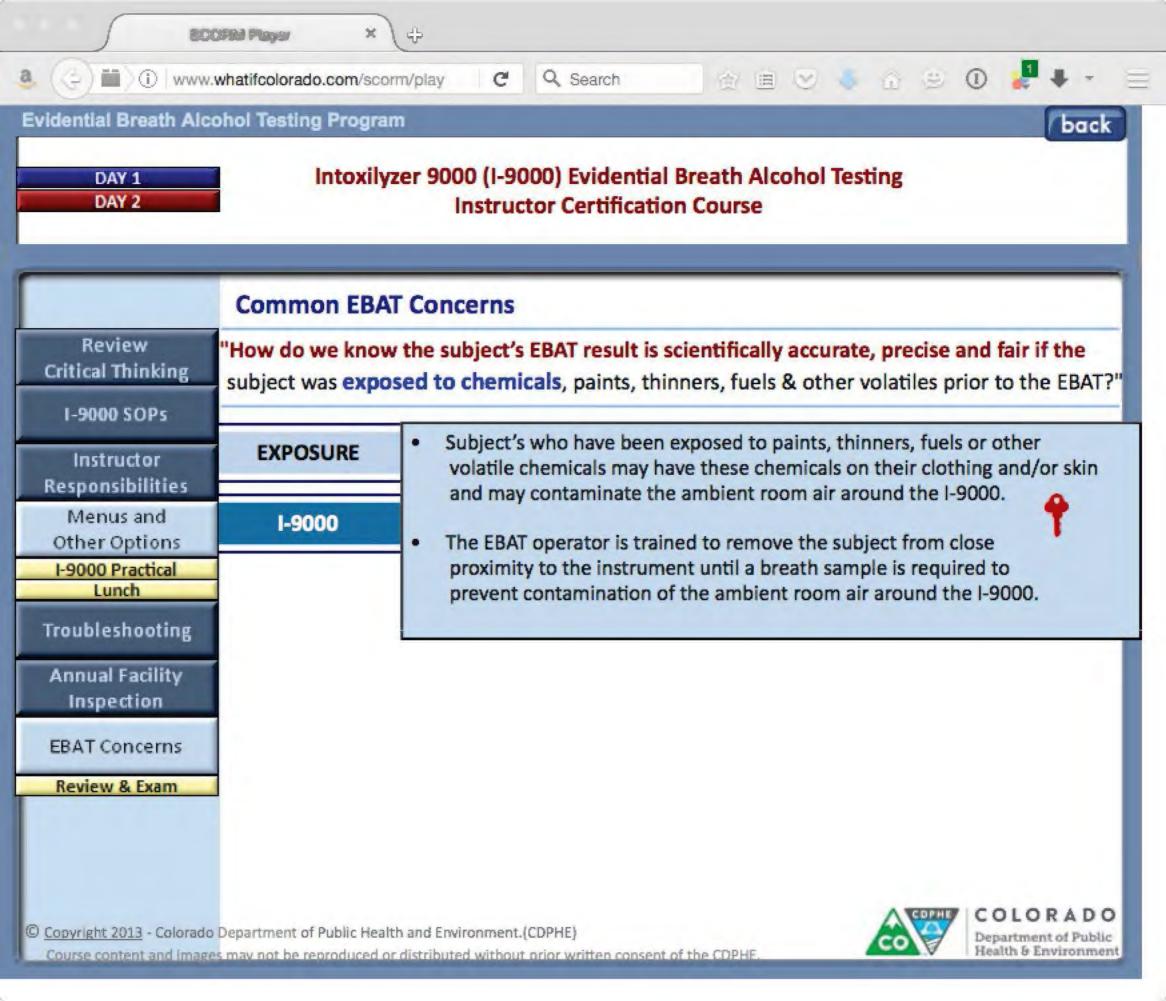


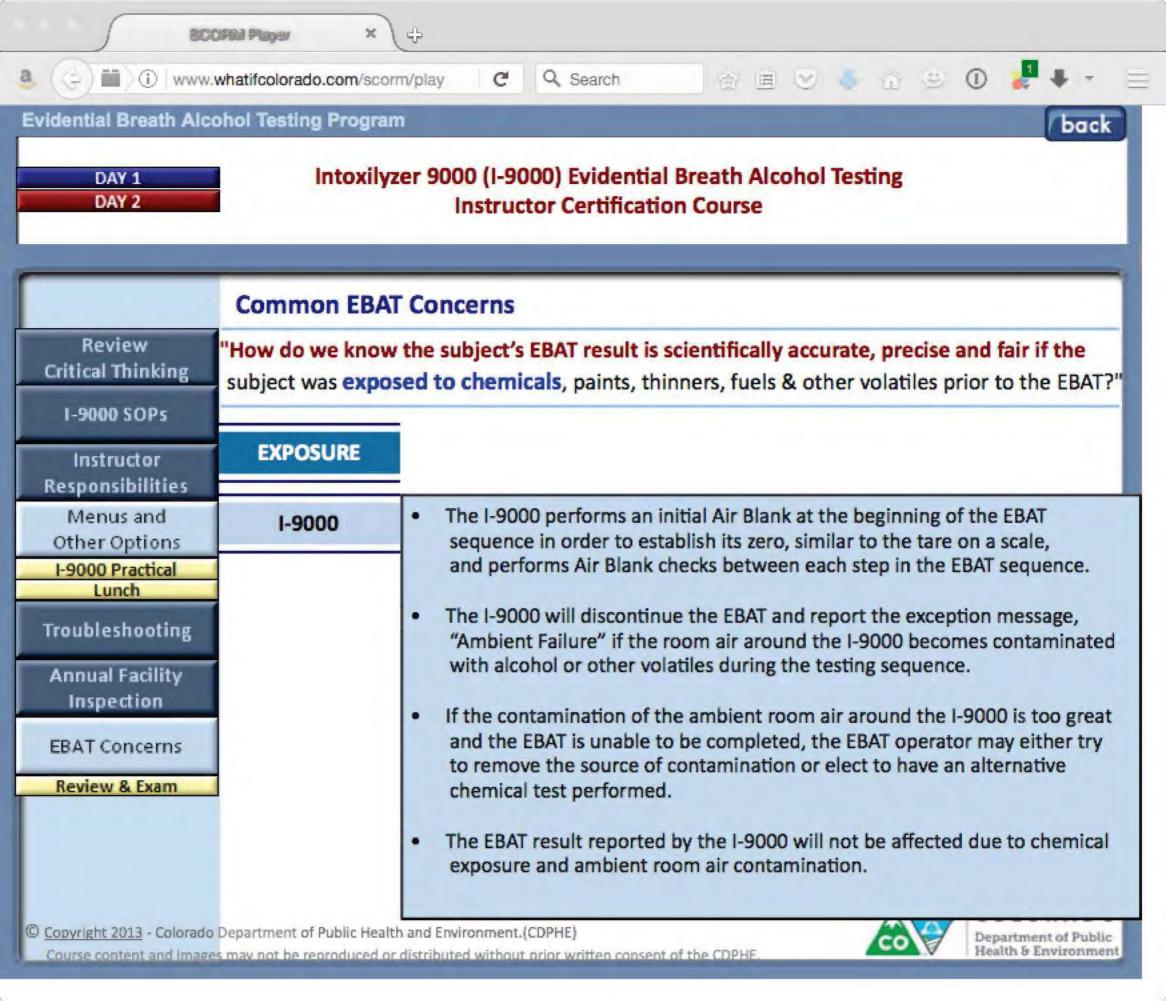


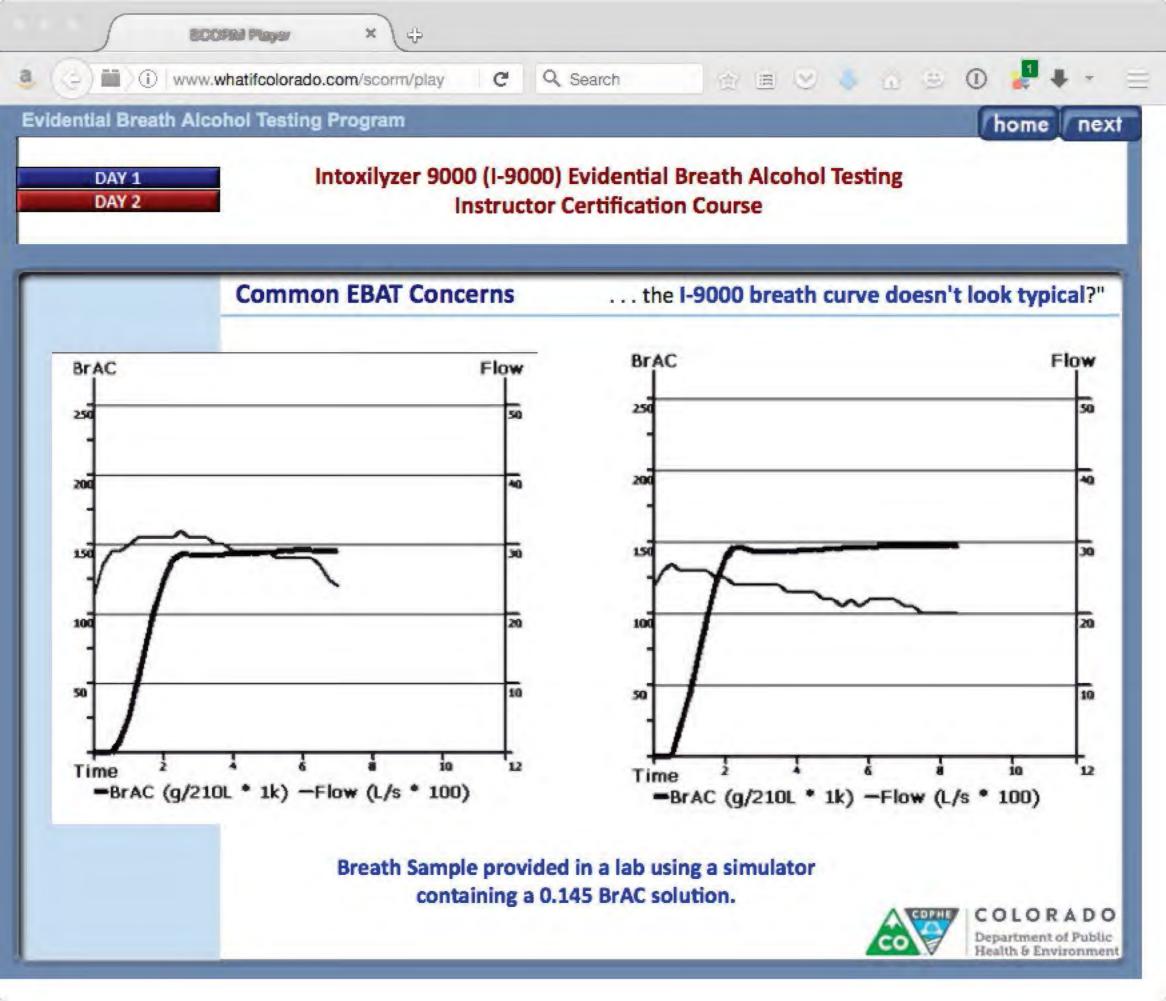


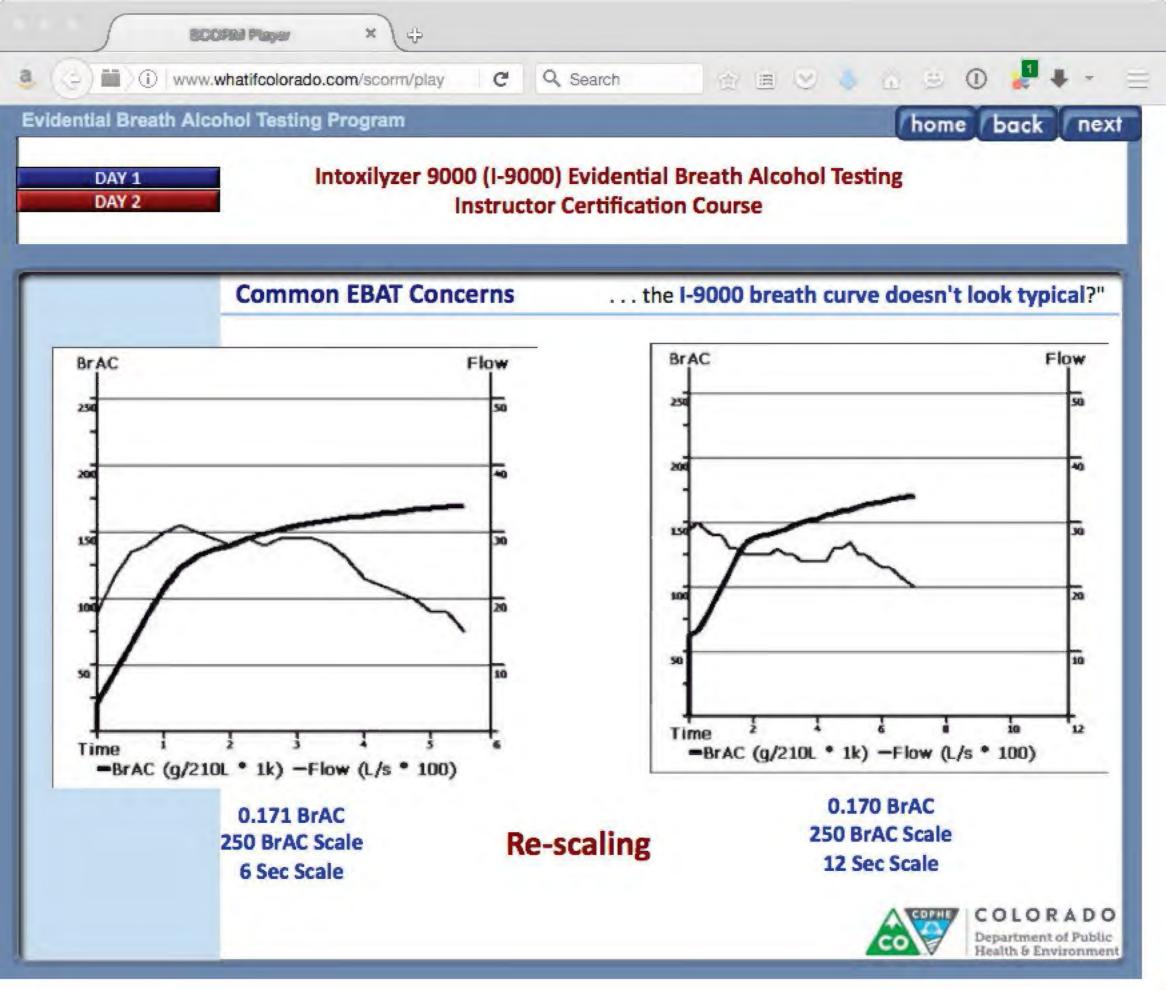




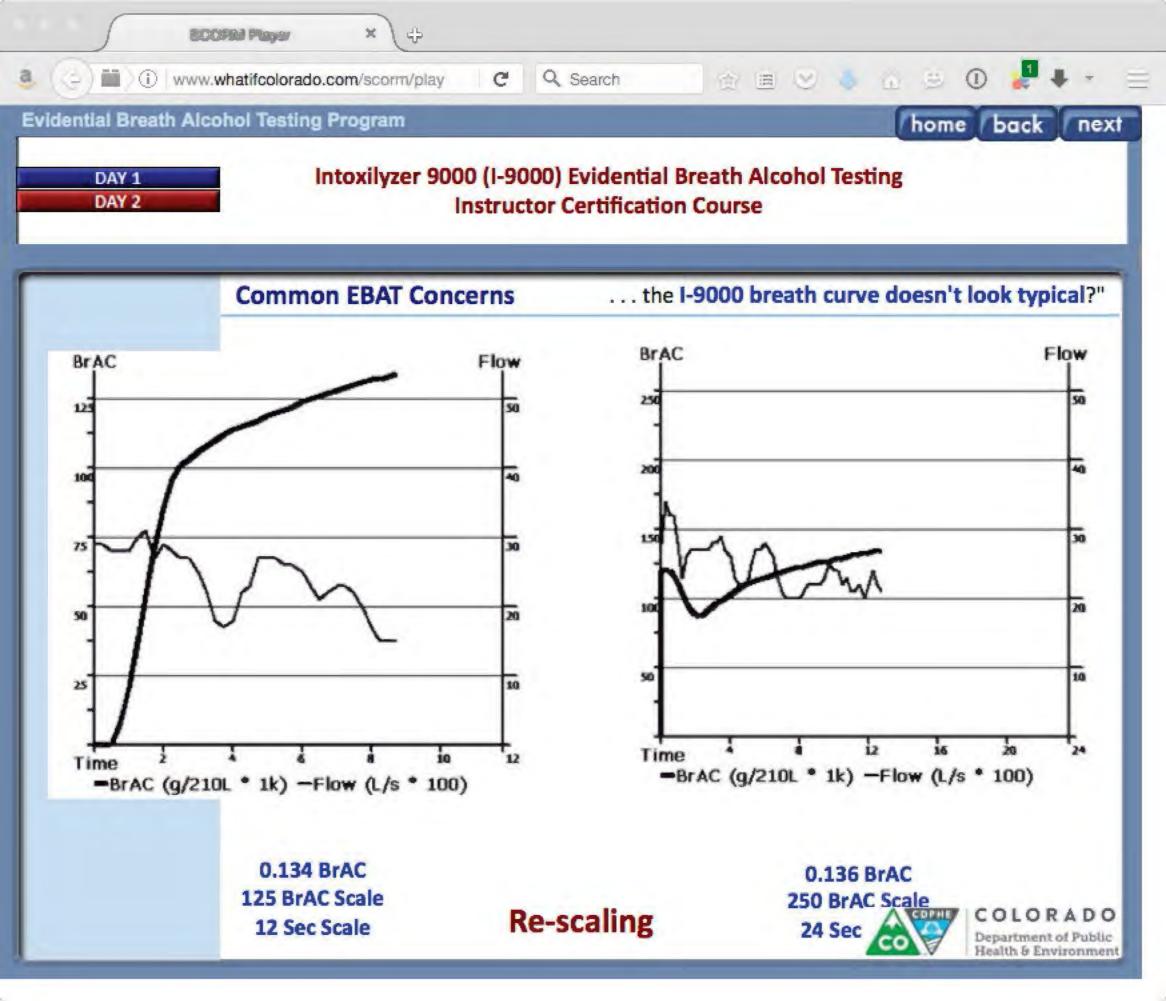


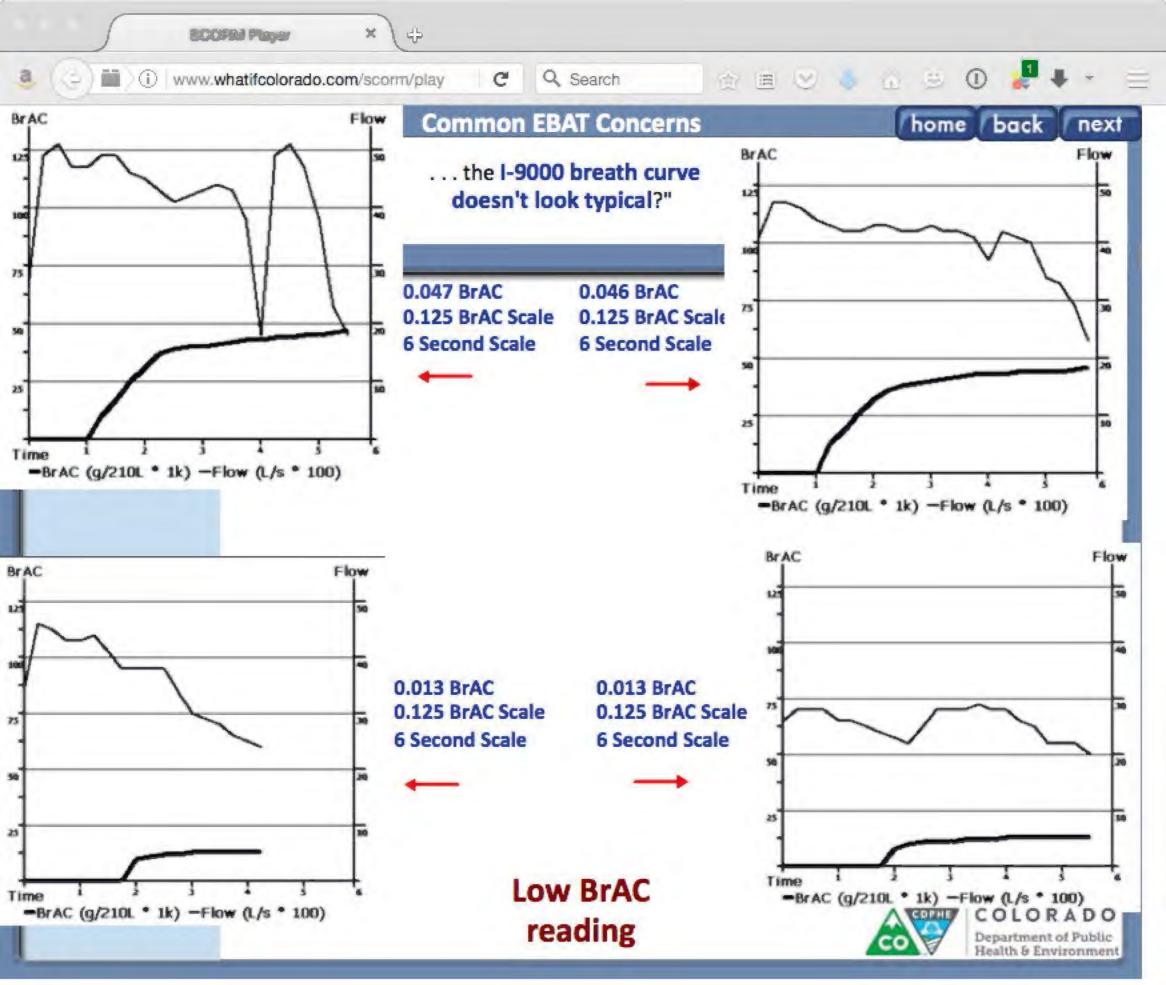


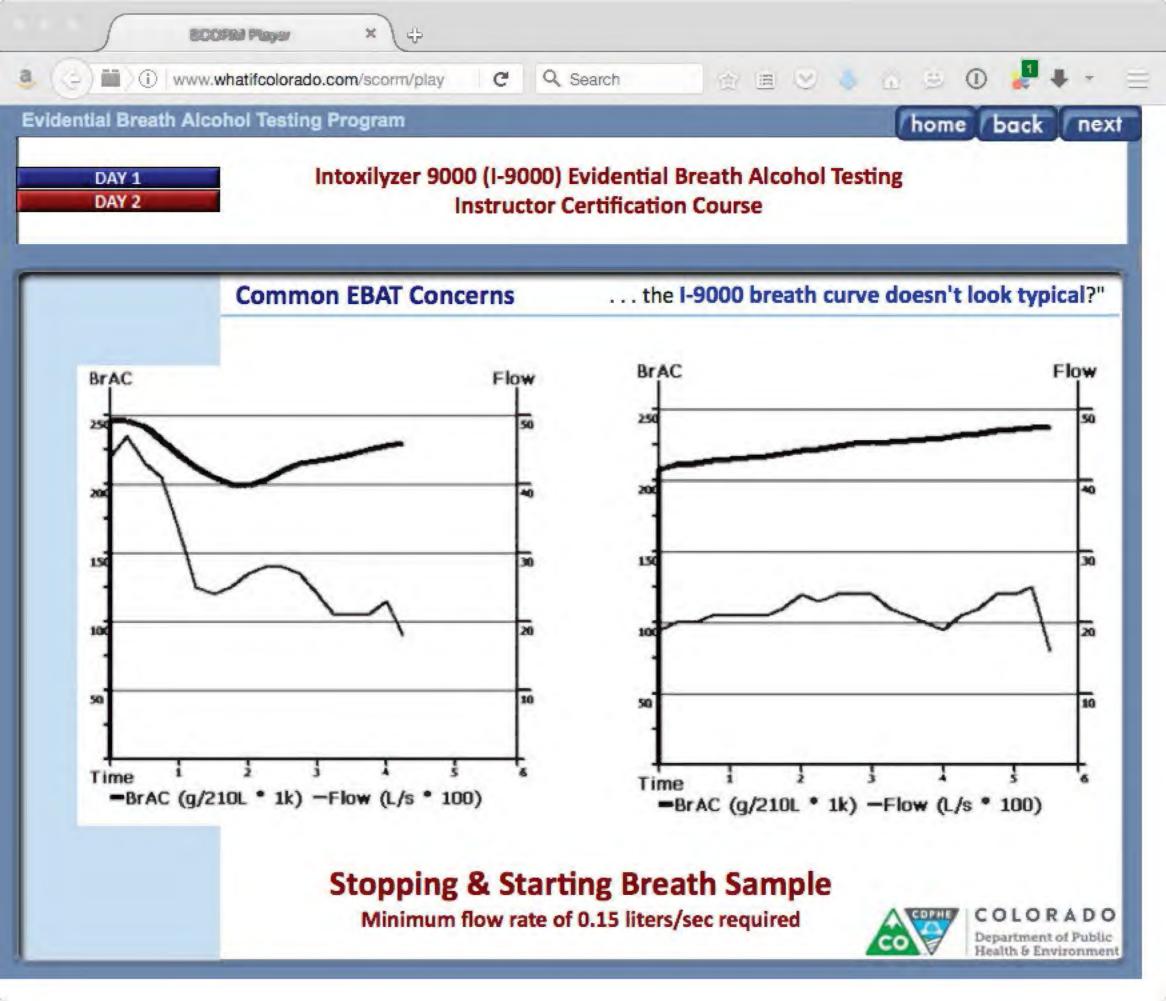


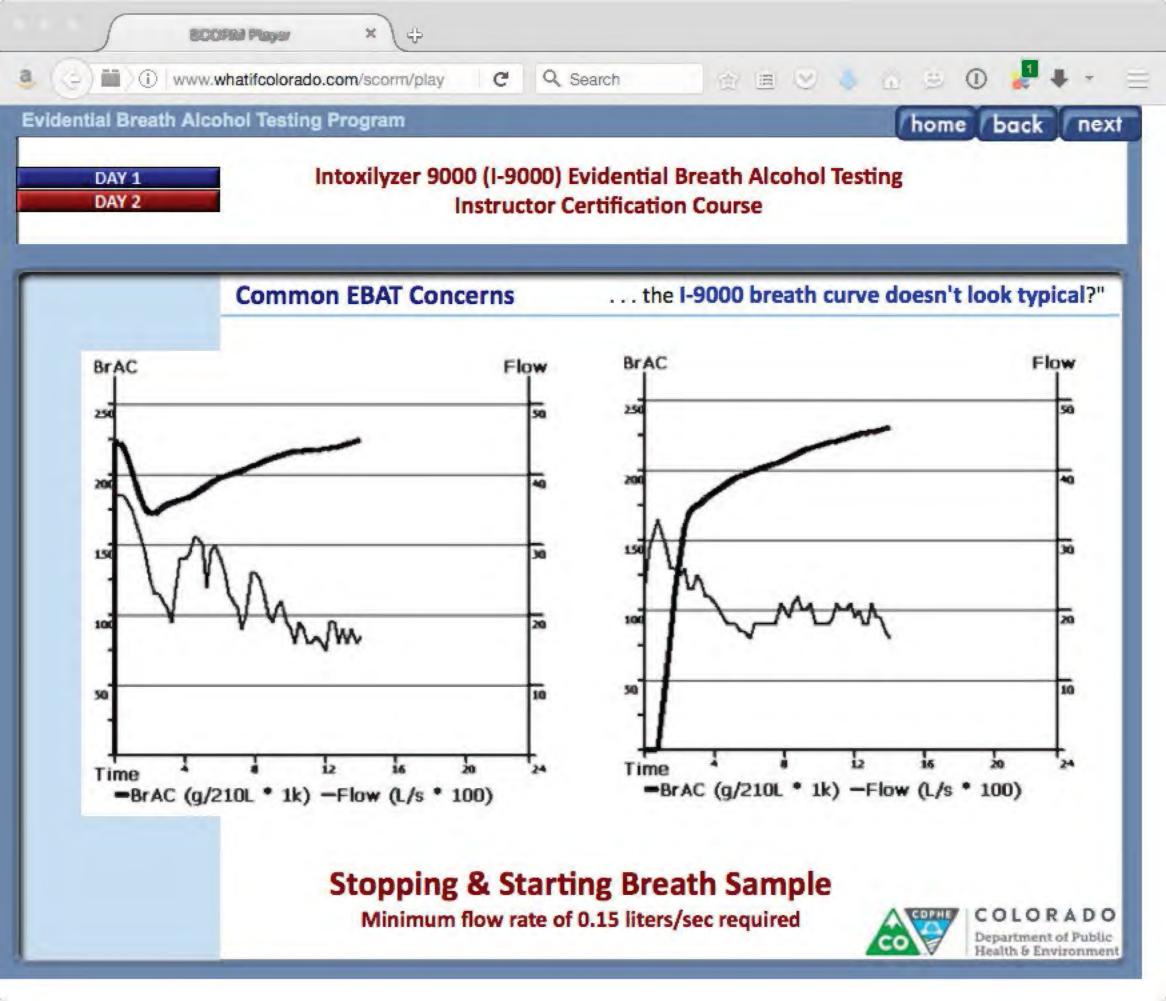


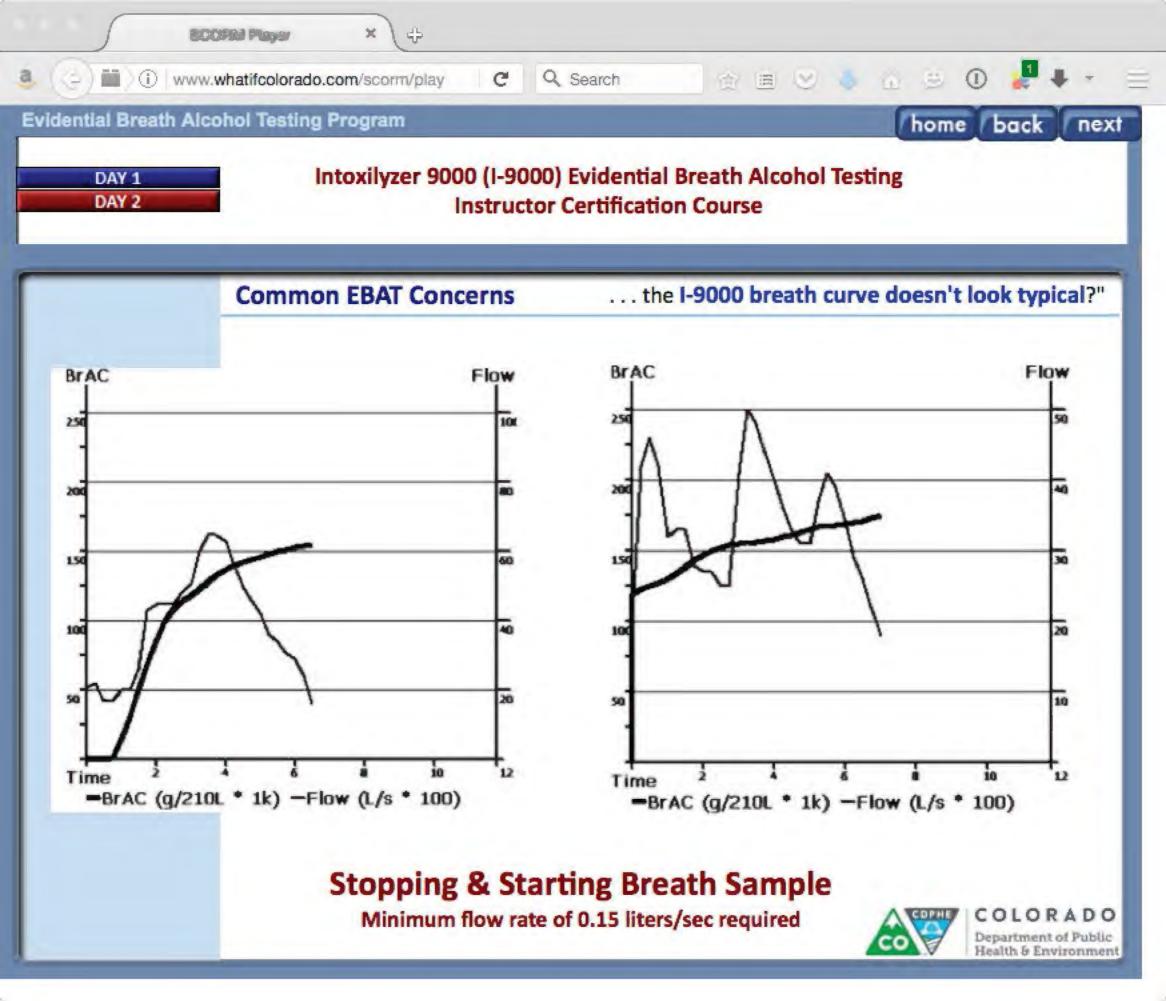
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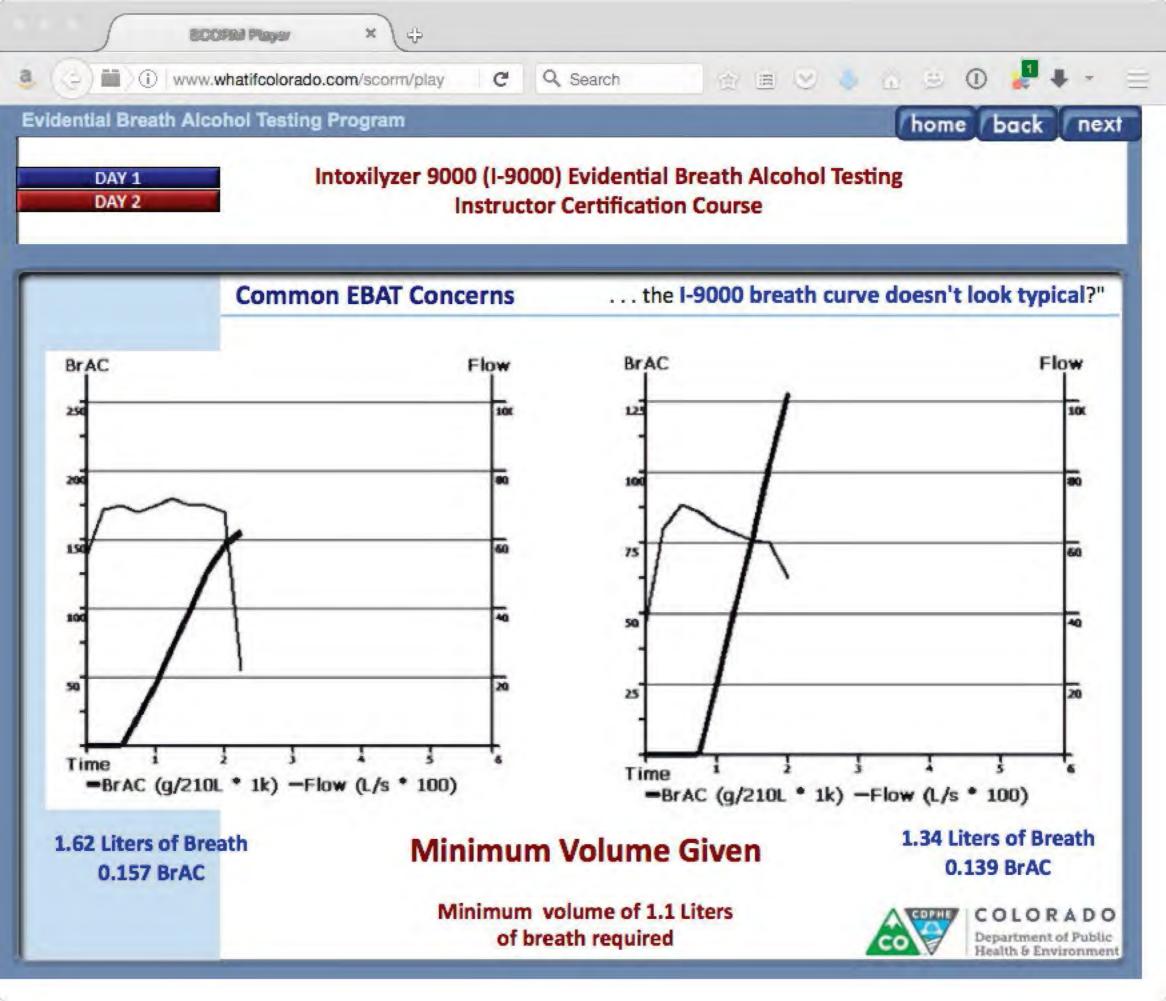


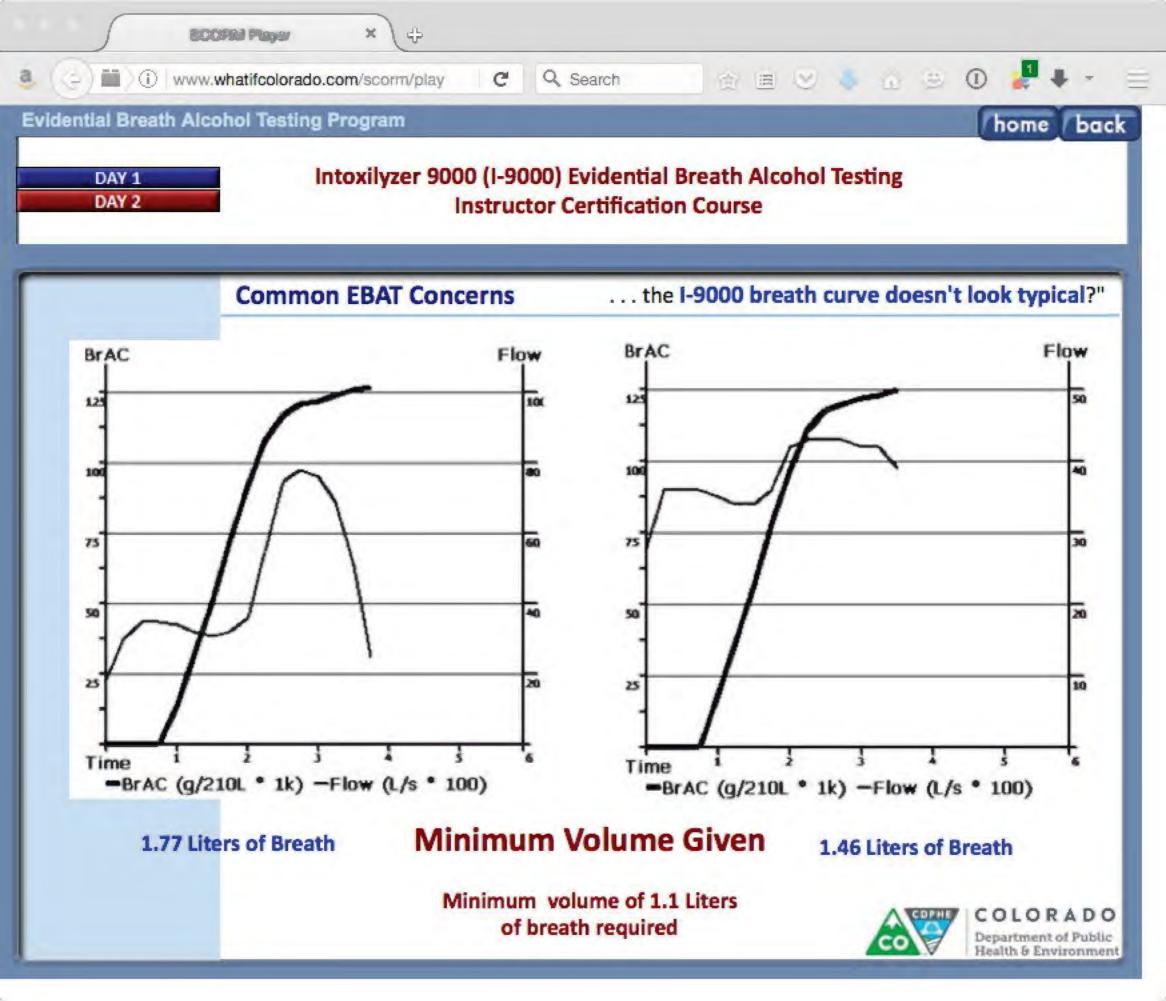














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