

Resources for Acute Healthcare Facility Infection Preventionists

ACH IP Course, 2022

Infection Prevention Training for ACH
Healthcare-Associated Infections Program
Center for Health Care Quality California
Department of Public Health



Objectives

- Review CDPH HAI Program resources for supporting acute care hospital IPs
- Describe sources of information, tools, training, and other resources for acute care hospital IPs
- Discuss professional organizations and networking that can aid the new acute care hospital IPs

HAI Program Team Structure and Support

HAI Infection Preventionist (IP) Team

- 4 teams, each assigned to a geographic region (North, North Bay Area, Central, South)
- IP Team Lead with additional HAI IP

HAI Investigations Team

- Medical epidemiologists and nurse consultants available to assist with outbreak investigations
- “AR epi team” for follow-up and investigations of antimicrobial resistance organisms

Support Opportunities

- HAI Program to establish mentorship and collaborative partnerships with and among ACH IP by:
 - Convening regularly scheduled meetings of ACH IPs to provide live ongoing training and opportunities for Q&A
 - Matching specific ACHs to each HAI IP team
- Potential academic and health system partnerships

When to Contact the HAI Program

- For infection prevention **education and training** resources
- With **questions** about infection prevention and control policies, procedures, and recommended practices
- Conducting **onsite infection prevention assessments** in your jurisdiction's healthcare facilities
- For **assistance with investigation and response** to unusual infectious disease occurrences and outbreaks in healthcare facilities and other congregate settings in your jurisdiction
- To participate in statewide or regional HAI/antimicrobial resistance (AR) prevention collaboratives

Email: HAIProgram@cdph.ca.gov

Finding the CDPH HAI Program Website

[HAI Program Website](http://www.cdph.ca.gov/HAI)

(www.cdph.ca.gov/HAI)



California Department of PublicHealth

Home | Programs | Center For Health Care Quality | Healthcare-Associated Infections Program | HAI Program Home

HEALTHCARE-ASSOCIATED INFECTIONS PROGRAM

HAI Reports/Maps

HAI Advisory Committee

How to Contact Us

Me and My Family

HAI Prevention and Reporting

Antimicrobial Resistance

Public Health Partners

The Healthcare-Associated Infections (HAI) Program in the California Department of Public Health Center for Health Care Quality oversees the prevention, surveillance, and reporting of HAI and antimicrobial resistance (AR) in California's hospitals and other healthcare facilities. Unfortunately, infections acquired as a result of receiving health care remain a public health problem; most HAI are preventable by following infection prevention care practices. Since 2010, the HAI Program:

- Receives and publicly reports California hospital HAI data to provide hospital quality information to the public and prompt providers to take action to prevent infections;
- Follows up with hospitals that have high infection rates;
- Convenes statewide and regional HAI/AR prevention collaboratives to coordinate prevention efforts among facilities that commonly share patients;
- Assists local public health agencies to investigate unusual infection occurrences and outbreaks that occur in healthcare facilities.

Me And My Family

- HAI Definitions and Information
- Central line-associated Bloodstream

HAI Prevention and Reporting

- 2-Day Infection Prevention Course
- Adherence Monitoring Tools

HAI Prevention and Reporting Webpage

[HAI Prevention and Reporting](http://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/HealthcareProviders.aspx)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/HealthcareProviders.aspx)

HEALTHCARE-ASSOCIATED INFECTIONS (HAI) PROGRAM

Monitoring Adherence to Healthcare Practices that Prevent Infections Tools

Antimicrobial Resistance

Environmental Cleaning

Preventing HAI in California Skilled Nursing Facilities (SNF)

Guidance for Hospital Infection Prevention Programs ▶

HAI Reporting and NHSN Guidance Specific To California Hospitals ▶

HAI Investigation for Hospitals And Clinicians ▶

HAI Education For Health Care Professionals ▶

Injection Safety ▶

HAI Liaison IP Program

HAI Specific Legislation, Regulations and AFLs

HAI Prevention and Reporting



What Can We Do To Prevent HAI?

Health care providers can take action to prevent healthcare-associated infections (HAI). Consistently adhering to core, evidence-based infection prevention practices reduces the risk of HAI and spread of antibiotic-resistant bacteria or other pathogens. California law requires each hospital to designate a physician hospital epidemiologist (or committee chair) who has completed CME training specific to infection surveillance, prevention, and control. Hospitals must also provide annual infection prevention training to all staff and contractors (Health and Safety Code 1288.95).

Resources for ACH IP Topics

- Adherence Monitoring
- Antimicrobial Resistance
- Environmental Cleaning
- Hand Hygiene
- Healthcare Facility IP Assessments
- IP Overview (internal and external links)
- Injection Safety
- Webinars
- Best Practices Webpage
- **Outbreaks**
- Personal Protective Equipment (PPE)
- Patient Transfers

[HAI Program Public Health Resources webpage](http://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/LHD_Resources_and_Trainings.aspx)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/LHD_Resources_and_Trainings.aspx)

CDPH Adherence Monitoring Tools

[CDPH Adherence Monitoring Tools](#)

(www.cdph.ca.gov/Programs/HCQ/HAI/Pages/MonitoringAdherenceToHCPracticesThatPreventInfection.aspx)



Central Line Adherence Monitoring

A central line associated bloodstream infection (CLABSI) may occur due to breaches in technique during line insertion or lapses in infection prevention practices when accessing and maintaining the line.

- [Central Line Insertion Practices Adherence Monitoring Tool \(PDF\)](#)
Use this tool to observe the central line insertion process.
- [Central Line Access and/or Dressing Change Practices Adherence Monitoring Tool \(PDF\)](#)
Use this tool to observe central line medication administration and dressing changes.
- [Central Line Maintenance Practices Adherence Monitoring Tool \(PDF\)](#)
Use this tool to observe the condition of the central line dressing and tubing.

Additional resources:

- [CDC Guideline for the Prevention of Intravascular Catheter-Related Infections, 2011 \(PDF\)](#)



Contact Precautions

Reduction of *C. difficile* and other multi-drug resistant organisms (MDRO) requires strict adherence to contact precautions and proper use of personal protective equipment.

- [Contact Precautions Adherence Monitoring Tool \(PDF\)](#)

Use this tool to determine if staff members are correctly adhering to contact precautions practices.

CDPH Adherence Monitoring Tools - Continued

- Blood glucose testing
- Central line insertion and maintenance
- Contact precautions
- Device reprocessing
- Environmental cleaning
- Hand hygiene
- Hemodialysis
- Indwelling urinary catheter
- Injection safety
- Source control and respiratory hygiene
- Surgical / operating room environment

[CDPH Adherence Monitoring Tools](https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/MonitoringAdherenceToHCPracticesThatPreventInfection.aspx)

([www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/MonitoringAdherenceToHCPracticesThatPreventInfection.a](https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/MonitoringAdherenceToHCPracticesThatPreventInfection.aspx)

spx)

Environmental Cleaning Webpage

[Environmental Cleaning](http://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/EnvironmentalCleaning.aspx)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/EnvironmentalCleaning.aspx)



Role of Environmental Surfaces in Disease Transmission



Effective Cleaning Strategies



Monitoring Cleaning



Emerging Technologies



Barriers to Effective Cleaning and Disinfection

> Antimicrobial Resistance

Environmental Cleaning and Disinfection

Ensuring a Clean and Safe Care Environment

Overview of environmental cleaning and disinfection best practices, including sections on the role of the environment in disease transmission and cleaning and disinfection monitoring.

Type of Resource: Reference

Format: Webpage

Length: Self-paced

Target audience: ACH, SNF

Source: CDPH

Environmental Cleaning and Disinfection (Train the Trainer)

Use materials to provide frontline staff training. Includes slides, pre/post test, and flipchart on hand hygiene. The trainer webinar is meant for trainers (those who will train frontline staff) and goes more in depth on the topic.

For the flipchart, we recommend printing on ledger sized (11" x 17") paper, double-sided.

- [Frontline staff training slides](#) (PDF)
- [Flipchart](#) (PDF)
- [Pre/post test](#) (PDF)
- [Trainer webinar](#) - skip to 51:36 (opens in YouTube)

Type of Resource: Training

Format: Slides and flipcharts, webinar

Length: 10-30 minutes, Trainer webinar 38 minutes

Target audience: LHD, ACH, SNF

Source: CDPH

> Hand Hygiene

> Healthcare Facility IP Assessments

Healthcare Facility IP Assessment Tools

Healthcare Facility Assessments

Onsite infection prevention assessment tools to use in all healthcare facilities.

Contact the HAI Liaison IP Program for assistance or support in conducting infection prevention assessments.

- [Core infection prevention assessment](#) (PDF)
- [Ventilator module](#) (PDF)
- [MDRO module](#) (PDF)
- [Clostridioides difficile infection](#) (PDF)
- [Carbapenem resistant Enterobacteriaceae](#) (PDF)
- [COVID-19](#) (PDF)

[HAI Program Public Health Resources webpage](#)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/LHD_Resources_and_Trainings.aspx)

COVID-19 Facility Assessment Tool



COVID-19 Outbreak Facility Healthcare Assessment Tool Healthcare-Associated Infections (HAI) Program

Facility Name:	County:
Facility POC:	Phone and Email:
HAI-IP or HAI Surveyor:	Date:

SITUATION UPDATE

The following questions refer to COVID-19 testing status among residents and staff, and review facility characteristics.

COVID-19 TESTING STATUS

1	Total number of residents with lab-confirmed COVID-19 associated with outbreak	#
2	Number of residents with positive test results currently in facility	#
3	Number of residents with positive test results who are currently hospitalized (regardless of where positive test was obtained)	#
4	Number of residents tested with results pending	#
5	Total number of HCP or staff with lab-confirmed COVID-19 since start of outbreak	#
6	Number of positive HCP/staff who worked while symptomatic since start of outbreak	#
7	Number of HCP/staff tested since start of outbreak	#
8	Number of HCP/staff tested with results pending since start of outbreak	#
9	Facility is aware of HCP/staff working at other facilities	Y N

FACILITY INFORMATION

Core Infection Prevention Assessment Tool



Core Infection Prevention Healthcare Assessment Tool Hospitals, LTACH, and LTCF

Facility Name:	Respondent Name:
Assessment Date:	Respondent Title:
IP Conducting Assessment:	Assessment Type: <input type="checkbox"/> Case/cluster/outbreak response <input type="checkbox"/> Infection prevention breach (<i>specify: injection safety, reprocessing, other</i>) <input type="checkbox"/> Special project, <i>specify:</i>

	FACILITY DEMOGRAPHICS	Response	Notes
1.	Is the facility licensed by the state?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2.	Is the facility certified by the center for Medicare & Medicaid Services (CMS)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3a.	Facility type:	<input type="checkbox"/> Acute care hospital, <i>specify specialty unit (if applicable):</i> <input type="checkbox"/> Ambulatory surgery center <input type="checkbox"/> Long-term acute care hospital (LTACH) <input type="checkbox"/> Inpatient rehab facilities <input type="checkbox"/> Outpatient clinic, <i>specify: dialysis, dental, other</i> <input type="checkbox"/> Skilled nursing facility (no ventilator care) <input type="checkbox"/> Ventilator-equipped skilled nursing facility <input type="checkbox"/> Other, <i>specify:</i>	
3b.	Number of licensed beds?		

MDRO Assessment Tool



Infection Prevention Assessment Tool MDRO Module Hospitals, LTACH, and LTCF

Facility Name:	Respondent Name:
Assessment Date:	Respondent Title:
IP Conducting Assessment:	Assessment Type: <input type="checkbox"/> Case/cluster/outbreak response <input type="checkbox"/> Infection prevention breach (<i>specify: injection safety, reprocessing, other</i>) <input type="checkbox"/> Special project, specify:

	INTRA- AND INTERFACILITY COMMUNICATION	Response	Notes
1a.	Does your facility maintain a list of patients with known MDRO colonization or infection? Patient list should include Carbapenem-resistant Enterobacteriaceae (CRE) and <i>C. difficile</i> .	<input type="checkbox"/> Yes <input type="checkbox"/> No, skip to 2	
1b.	Which organisms are included?	<input type="checkbox"/> <i>C. auris</i> <input type="checkbox"/> CRPA <input type="checkbox"/> <i>C. difficile</i> <input type="checkbox"/> MRSA <input type="checkbox"/> CRE <input type="checkbox"/> VRE <input type="checkbox"/> CP-CRE <input type="checkbox"/> Other, specify:	

Available Quicksheets and Training

Outbreak guidance for	Resource type
<i>Candida auris</i>	Quicksheet (PDF) * (www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/Candida-auris.aspx)
Carbapenem resistant Enterobacteriaceae (CRE)	Quicksheet (PDF)*, Slides (PDF), Webinar_Recording** (www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CRE_QuicksheetOct2019.pdf)
<i>Clostridioides difficile</i> infection (CDI)	Quicksheet (PDF) *, Slides (PDF), Webinar_Recording** (www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CDI_Quicksheet_May2019.pdf)
Healthcare-associated Acute Viral Hepatitis	Quicksheet (PDF)* (www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/HA_HBV_HCV_QuicksheetMarch2018.pdf), Slides (PDF), Webinar_Recording**
Healthcare-associated Legionnaires' Disease	Quicksheet (PDF)*, Slides, Webinar Recording** (www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/LegionellosisFactSheet.pdf)
Influenza and Other Respiratory Illness Outbreak	Quicksheet (PDF)* (www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/FluAndRespiratoryIllnessOutbreakQuicksheet.pdf), Skilled Nursing Facilities annual guidance (PDF)
All outbreak types	Outbreak Line List (EXCEL)*


* See Reference section for Quicksheets **Must have Media Player to view webinars

HAI Outbreak Investigation Quicksheets

- Provides step-by-step guidance IP investigation of common HAI and MDRO

[HAI Program Public Health Resources webpage](http://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/LHD_Resources_and_Trainings.aspx)


(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/LHD_Resources_and_Trainings.aspx)



California Department of Public Health

Candida auris

Quicksheet – Interim



CDPH recommends a coordinated approach among healthcare facilities and public health to contain *Candida auris* (*C. auris*) in California. Local health departments (LHD) should be aware of *C. auris* incidence in healthcare facilities and communities in their regions, understand prevention measures, and provide guidance to healthcare facilities when responding to *C. auris* reports.

Background and Epidemiology

- *C. auris* is an emerging, often multidrug-resistant fungus. Some are resistant to all three available classes of antifungals.
- *C. auris* was first identified in 2009 in Japan, and has since been reported from over 35 countries, including the United States.¹
- In California as in the U.S., *C. auris* has mainly been identified among patients with exposure to
 - Other risk factors include presence of indwelling medical devices, recent surgery, diabetes, recent antimicrobial use, and overnight healthcare exposure in a country with documented *C. auris* transmission.¹
 - *C. auris* can cause serious infections, including in blood and wounds. Mortality rates for invasive infections are as high as 60%.¹
 - In California, the reported 90-day mortality

Antimicrobial Stewardship Webpage

Home | Programs | Center for Health Care Quality | Healthcare Associated Infections | CA_AntimicrobialStewardshipProgramInitiative

HEALTHCARE-ASSOCIATED INFECTIONS (HAI) PROGRAM

California Antimicrobial Stewardship Program Initiative

The California Antimicrobial Stewardship Program Initiative of the CDPH Healthcare-Associated Infections (HAI) Program provides guidance and support for California healthcare facilities to implement antimicrobial stewardship programs (ASPs). ASPs promote and measure appropriate antimicrobial use by optimizing selection, dosing, route and duration of therapy. ASPs improve patient outcomes while minimizing adverse events associated with antimicrobial use, including toxicity, Clostridium difficile infections and the emergence of antimicrobial resistant organisms.

California was the first state to enact antimicrobial stewardship legislation.

[CDPH HAI Antimicrobial Stewardship webpage](http://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/CA_AntimicrobialStewardshipProgramInitiative.aspx)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/CA_AntimicrobialStewardshipProgramInitiative.aspx)

AFL 21-27



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TOMÁS J. ARAGÓN, M.D., Dr.P.H.
State Public Health Officer & Director

State of California—Health and Human Services Agency California Department of Public Health



GAVIN NEWSOM
Governor

AFL 21-27

August 3, 2021

TO: General Acute Care Hospitals

SUBJECT: Coronavirus Disease 2019 (COVID-19) Testing, Vaccination Verification and Personal Protective Equipment (PPE) for Health Care Personnel (HCP) at General Acute Care Hospitals (GACHs)

All Facilities Letter (AFL) Summary

This AFL requires SARS-CoV-2 diagnostic screening testing for healthcare personnel (HCP) in hospitals.

- The [Public Health Order](#) issued July 26, 2021 related to unvaccinated workers in high risk setting becomes effective August 9, 2021.
- This AFL requires hospitals to develop and implement processes for verifying the vaccination status of all HCP and for obtaining and tracking documentation of results of SARS-CoV-2 diagnostic screening testing from HCP who are unvaccinated or incompletely vaccinated and includes additional PPE requirements. These requirements are effective August 9th and should begin as soon as reasonably possible, with full compliance no later than August 23, 2021.

Background

HCP working in hospitals remain at potential risk for SARS-CoV-2 exposures both in the community and in their workplaces. Infected HCP can transmit to

CDPH COVID-19

Main Page

(www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx)

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California Department of PublicHealth

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Slow the Spread: Get Vaccinated

Vaccines prevent serious illness, save lives, and reduce the further spread of COVID-19. Getting vaccinated is your best defense against the severity of the Delta variant and our best shot at ending the pandemic.

Get Vaccinated

COVID-19 Home Protect Your Health Get Latest Guidance See the Numbers Learn More

SEE THE NUMBERS

Tracking COVID-19

As of October 6, California has confirmed a total of 4,524,853 COVID-19 cases and 69,184 deaths.

Metric	Total	Daily Average	Additional Info
VACCINES ADMINISTERED	50,081,818	82,978	78.9% of population vaccinated
CASES	4,524,853	5,609	10.8 new cases (per 100k)
DEATHS	69,184	96	0.2 new deaths (per 100k)
TESTS	2.5%	2.5%	test positivity

Each data card includes a line graph showing trends over the past 5 weeks.

Centers for Disease Control and Prevention (CDC) Main Page

(www.cdc.gov/)

The screenshot shows the CDC website's main page. At the top left is the CDC logo with the tagline "Centers for Disease Control and Prevention" and "CDC 24/7: Saving Lives, Protecting People™". To the right is a search bar with a magnifying glass icon and a link to "Advanced Search". Below the search bar is a navigation menu with five items: "Diseases & Conditions", "Healthy Living", "Travelers' Health", "Emergency Preparedness", and "More". The main content area features a large banner for "Coronavirus Disease 2019" with the text "CDC is responding to the novel coronavirus outbreak." and a blue button that says "Learn More About COVID-19". Below the banner are three smaller images: a man and a woman walking a dog in a park, a healthcare worker in a mask talking to a patient, and a healthcare worker in a mask examining a patient's arm.

CDC Infection Control Assessment and Response Tool (ICAR)

- I. Infection Control Program
- II. HCP and Resident Safety
- III. Surveillance and Reporting
- IV. Hand Hygiene
- V. PPE
- VI. Respiratory/Cough Etiquette
- VII. Antibiotic Stewardship
- VIII. Injection safety
- IX. Environmental Cleaning

[CDC ICAR Tool](#) (PDF)

(www.cdc.gov/infectioncontrol/pdf/icar/ltcf.pdf)

Section 2: Infection Control Program and Infrastructure

I. Infection Control Program and Infrastructure

Elements to be assessed	Assessment
A. The facility has specified a person (e.g., staff, consultant) who is responsible for coordinating the IC program.	<input type="radio"/> Yes <input type="radio"/> No
B. The person responsible for coordinating the infection prevention program has received training in IC <i>Examples of training may include: Successful completion of initial and/or recertification exams developed by the Certification Board for Infection Control & Epidemiology; Participation in infection control courses organized by the state or recognized professional societies (e.g., APIC, SHEA).</i>	<input type="radio"/> Yes <input type="radio"/> No
C. The facility has a process for reviewing infection surveillance data and infection prevention activities (e.g., presentation at QA	<input type="radio"/> Yes <input type="radio"/> No

II. Healthcare Personnel and Resident Safety

Elements to be assessed	Assessment
Healthcare Personnel	
A. The facility has work-exclusion policies concerning avoiding contact with residents when personnel have potentially transmissible conditions which do not penalize with loss of wages, benefits, or job status.	<input type="radio"/> Yes <input type="radio"/> No
B. The facility educates personnel on prompt reporting of signs/symptoms of a potentially transmissible illness to a supervisor	<input type="radio"/> Yes <input type="radio"/> No
C. The facility conducts baseline Tuberculosis (TB) screening for all new personnel	<input type="radio"/> Yes <input type="radio"/> No

Completing the ICAR for Improvement

IV. Hand Hygiene, continued		
Elements to be assessed	Assessment	Notes/Areas for Improvement
B. All personnel receive training and competency validation on HH at the time of employment.	<input checked="" type="radio"/> Yes <input type="radio"/> No	Click here to enter text.
C. All personnel received training and competency validation on HH within the past 12 months.	<input checked="" type="radio"/> Yes <input type="radio"/> No	Click here to enter text.
D. The facility routinely audits (monitors and documents) adherence to HH <i>Note: If yes, facility should describe auditing process and provide documentation of audits</i>	<input type="radio"/> Yes <input checked="" type="radio"/> No	Click here to enter text.
E. The facility provides feedback to personnel regarding their HH performance. <i>Note: If yes, facility should describe feedback process and provide documentation of feedback reports</i>	<input type="radio"/> Yes <input checked="" type="radio"/> No	Click here to enter text.
F. Supplies necessary for adherence to HH (e.g., soap, water, paper towels, alcohol-based hand rub) are readily accessible in resident care areas (i.e., nursing units, resident rooms, therapy rooms).	<input checked="" type="radio"/> Yes <input type="radio"/> No	Click here to enter text.



Introduction to Infection Prevention and Control (IPC)

[← Back](#)



To access this content, you first need to [create an account](#). If you already have an account, [please login](#).



Web-Based Training - Self-Study

ID 1096490

Skill Level: Introductory

1h

★★★★☆ (115 Ratings)

Infection prevention and control (IPC) is an essential component of healthcare quality and patient safety. In this module you will learn how and why healthcare-associated infections (HAIs) occur and how IPC reduces their risk and spread.

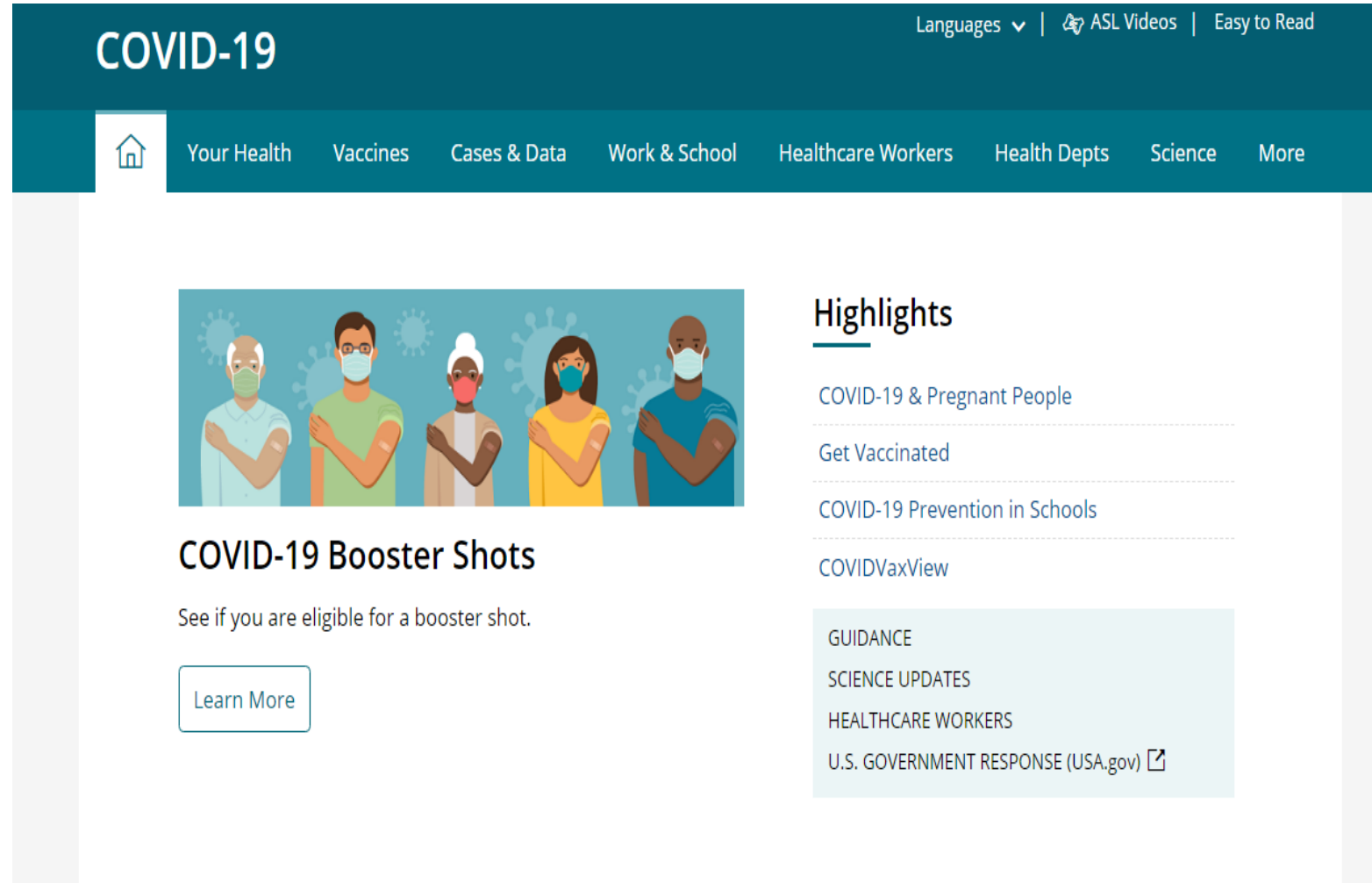
Overview:

Infection prevention and control (IPC) is an applied discipline that affects all patient

[Introduction to Infection Prevention and Control \(IPC\), CDC TRAIN Learning Network](http://www.train.org/main/course/1096490/)
 (www.train.org/main/course/1096490/)

[CDC COVID-19 Website](https://www.cdc.gov/coronavirus/2019-ncov/index.html)

(www.cdc.gov/coronavirus/2019-ncov/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2Findex.html)



The screenshot shows the CDC COVID-19 website interface. At the top, there is a dark teal header with the text "COVID-19" on the left and navigation links for "Languages", "ASL Videos", and "Easy to Read" on the right. Below this is a horizontal menu with a home icon and links for "Your Health", "Vaccines", "Cases & Data", "Work & School", "Healthcare Workers", "Health Depts", "Science", and "More". The main content area features a large illustration of five diverse people wearing face masks. Below the illustration is the heading "COVID-19 Booster Shots" followed by the text "See if you are eligible for a booster shot." and a "Learn More" button. To the right of the main content is a "Highlights" section with links for "COVID-19 & Pregnant People", "Get Vaccinated", "COVID-19 Prevention in Schools", and "COVIDVaxView". Below the highlights is a light blue box containing a list of categories: "GUIDANCE", "SCIENCE UPDATES", "HEALTHCARE WORKERS", and "U.S. GOVERNMENT RESPONSE (USA.gov)" with an external link icon.

EPA website

(www.epa.gov/pesticide-registration/list-p-antimicrobial-products-registered-epa-claims-against-candida-auris#products)

Environmental Topics Laws & Regulations About EPA Search EPA.gov

Pesticide Registration CONTACT US SHARE

Pesticide Registration Home

About Pesticide Registration

Electronic Submission of Applications

Pesticide Registration Manual

Fees and Waivers

Registration Information by Type of Pesticide

List K: EPA's Registered Antimicrobial Products Effective against *Clostridium difficile* Spores

Notes about this list:

- All EPA-registered pesticides must have an EPA registration number, which consists of a company number and a product number (e.g., 123-45). Alternative brand names have the same EPA registration number as the primary product.

List P: Antimicrobial Products Registered with EPA for Claims Against *Candida Auris*

Registration	Active Ingredient	Product Brand Name	Company	Contact Time (minutes)	Formulation Type	Surface Types	Use sites
10324-214	Hydrogen Peroxide and Paracetic Acid	MAGUARD 5626	MASON CHEMICAL COMPANY	2	Dilution	Hard Nonporous Surfaces	Healthcare, Institutional and Residential
1677-226	Hydrogen Peroxide, Paracetic Acid and Octoanoic Acid	Virasept	Ecolab Inc.	4	Ready to Use	Hard Nonporous Surfaces	Healthcare and Institutional
1677-237	Hydrogen Peroxide and Paracetic Acid	Oxycide™ Daily Disinfectant Cleaner	Ecolab Inc.	3	Dilution	Hard Nonporous Surfaces	Healthcare and Institutional
1677-262	Dodecylbenzenesulfonic acid	Disinfectant 1 Spray	Ecolab Inc.	1	Ready to Use	Hard Nonporous Surfaces	Healthcare and Institutional
1677-263	Dodecylbenzenesulfonic acid	Disinfectant 1 Wipe	Ecolab Inc.	1.25 (75 seconds)	Ready to Use/Wipe	Hard Nonporous Surfaces	Healthcare and Institutional
		Micro-Kill Bleach			Ready to Use	Hard	Healthcare,

Association for Professionals in Infection Control and Epidemiology (APIC)

- International IP professional organization
- Provides web-based resources and training
- Certification in Infection Control (CIC) information found on this site

[APIC website](http://apic.org) (apic.org)

The screenshot displays the APIC website interface. At the top, the APIC logo is accompanied by the tagline "Spreading knowledge. Preventing infection." and the full name "Association for Professionals in Infection Control and Epidemiology". Navigation links for "Membership", "My Courses", "MyAPIC", and "Store" are visible. A search bar and a "Sign In - My Account" link are also present.

The main navigation menu includes "Consumers", "Professional Practice", "Education & Certification", "Resources", "Public Policy", and "About". A prominent banner for "APIC's COVID-19 Resource Portal" offers access to shareable fact sheets, CDC updates, APIC Text Chapters, LTC resources, and public policy initiatives, with an "ACCESS NOW" button.

The content area is divided into several sections:

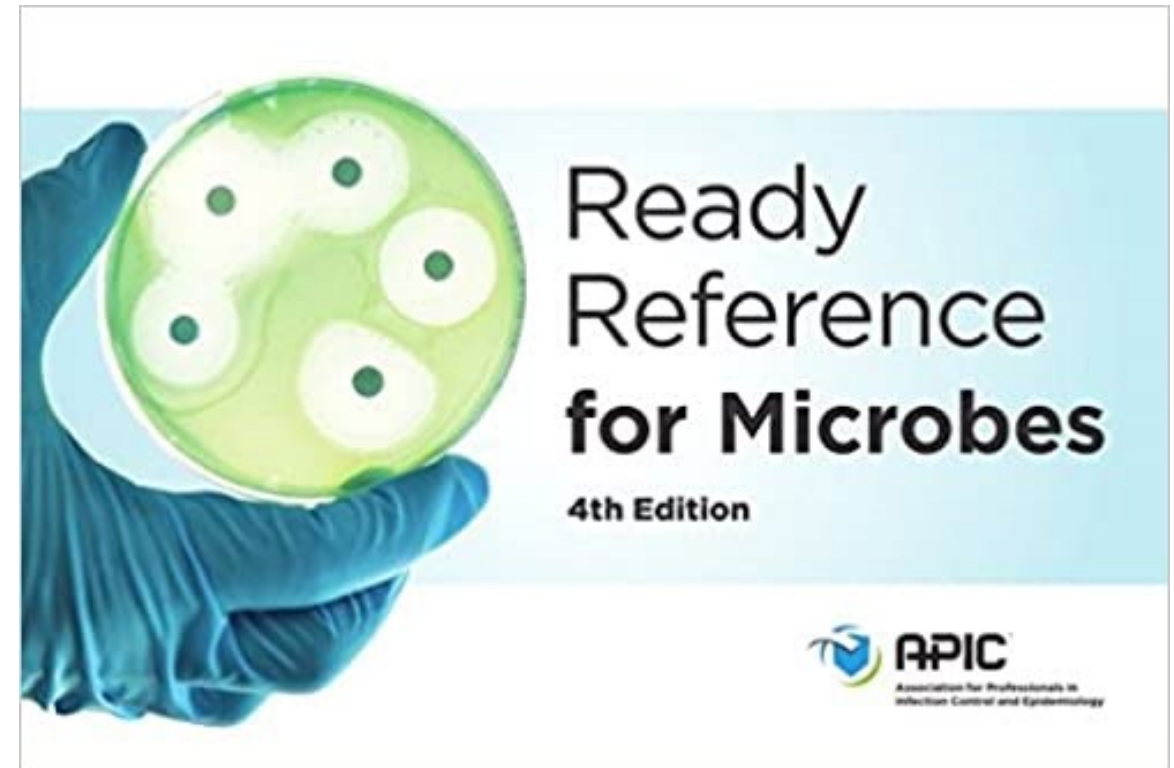
- News:** Features an article titled "National Survey Shows Healthcare Facilities Implementing PPE Crisis Standards of Care" with a "Read More" link.
- Spotlight:** Promotes "APIC Live Online" on December 11 from 10 AM-3:15 PM ET, highlighting "Four Educational Tracks", "Featured Speakers", and "Award-Winning Posters" with a "LEARN MORE" button.
- What's New at APIC:** Announces "5 Second Rule Show Episode #15 – Airborne Transmission: The Basics and Not So Basic", providing a brief summary and a "Read More" link.
- Publications:** Promotes the "Prevention Strategist—Fall 2020" issue (10/19/2020), listing highlights such as "IPC across the continuum of care" and "Breaking the chain of COVID-19 infection", with a "View Issue" link.

Purchasing Textbooks From APIC

A great resource for quickly looking
up a microbe

[APIC Store](#)

(secure.apic.org/dev/apic/Store/apic/EStore/MyStore.aspx?hkey=96697f87-6cc0-4262-b08b-b85bc556e12f)



Find Your Local Chapter on the APIC Website

[APIC Chapter Map](https://apic.org/member-services/chapters/chapter-map/)

(apic.org/member-services/chapters/chapter-map/)

APIC Association for Professionals in Infection Control and Epidemiology 50 YEARS 1972-2022

Search

Membership Consumers Professional Practice Education & Certification Resource

Home > Member Services > Chapters > Chapter Map

Chapter Map

For more information about the chapter(s) available near you, click on your state in the map below

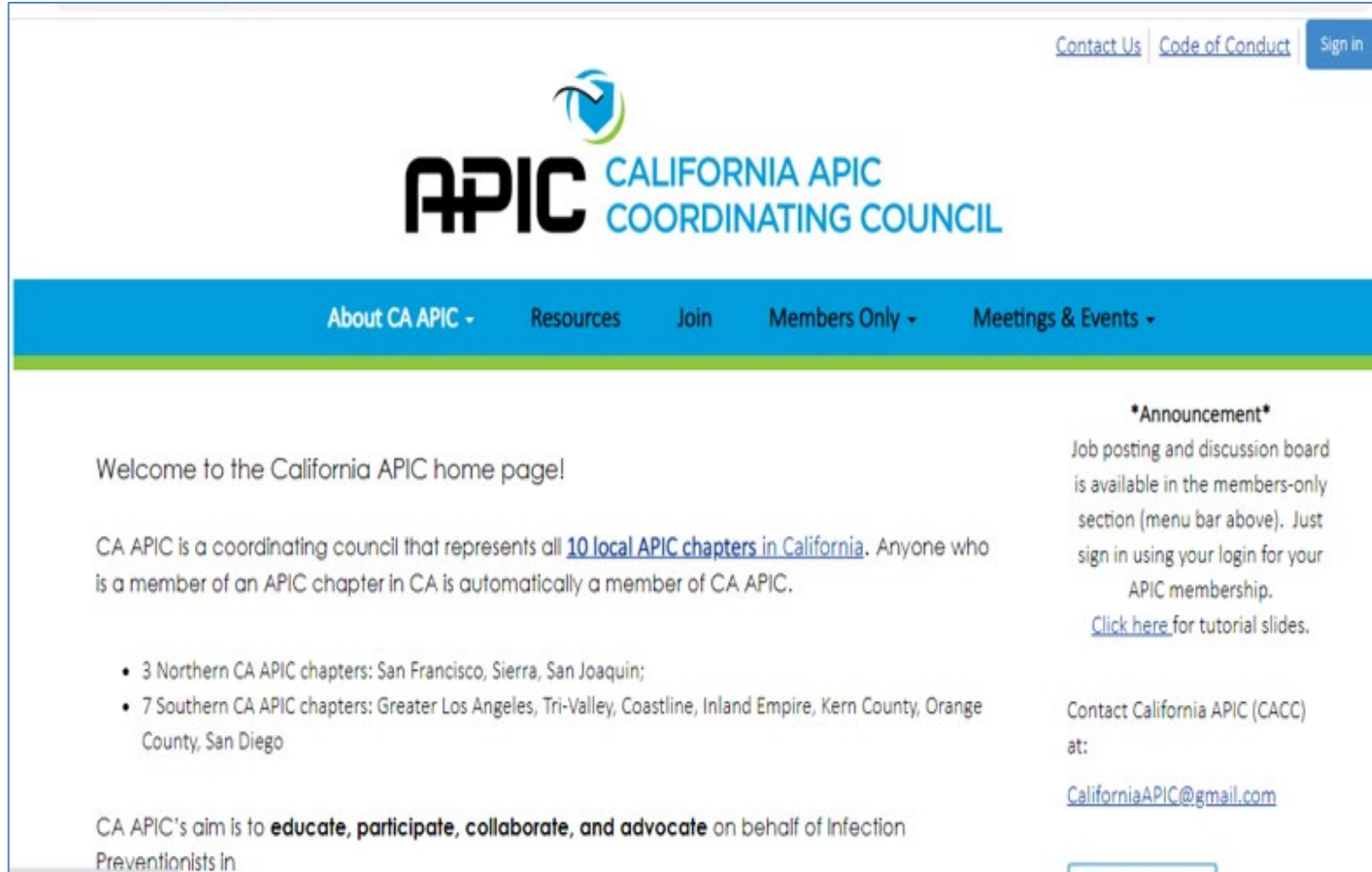
When contacting the chapter, please be sure to include your name and the best way to reach you that the chapter is able to respond.

Select Location

- About Membership
- Join Now
- Renew Membership
- Sign In
- Membership Categories
- Chapters
 - Contact Chapter
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 - International Chapters
 - Benefits of being an APIC chapter
 - Starting a new APIC chapter
 - Chapter Events
 - Chapter website listing
- Membership Sections
- FAQs
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- Volunteering

What is the California APIC Coordinating Council (CA-APIC)?

[California APIC home page](http://community.apic.org/cacc/home)
(community.apic.org/cacc/home)



The screenshot shows the homepage of the California APIC Coordinating Council. At the top right, there are links for "Contact Us", "Code of Conduct", and a "Sign in" button. The main header features the APIC logo (a stylized blue and green shield) and the text "APIC CALIFORNIA APIC COORDINATING COUNCIL". Below the header is a blue navigation bar with the following menu items: "About CA APIC -", "Resources", "Join", "Members Only -", and "Meetings & Events -".

The main content area is divided into two columns. The left column contains the following text:

Welcome to the California APIC home page!

CA APIC is a coordinating council that represents all [10 local APIC chapters in California](#). Anyone who is a member of an APIC chapter in CA is automatically a member of CA APIC.

- 3 Northern CA APIC chapters: San Francisco, Sierra, San Joaquin;
- 7 Southern CA APIC chapters: Greater Los Angeles, Tri-Valley, Coastline, Inland Empire, Kern County, Orange County, San Diego


CA APIC's aim is to **educate, participate, collaborate, and advocate** on behalf of Infection Preventionists in

The right column contains an announcement:

Announcement
Job posting and discussion board is available in the members-only section (menu bar above). Just sign in using your login for your APIC membership.
[Click here](#) for tutorial slides.

Contact California APIC (CACC) at:
CaliforniaAPIC@gmail.com

Access CA-APIC Resources



The screenshot shows the website for the APIC California APIC Coordinating Council. The logo on the left reads "APIC CALIFORNIA APIC COORDINATING COUNCIL". The navigation menu at the top includes "About CA APIC", "Resources", "Join", and "Members Only". The "Resources" menu item is highlighted with a red box, and a red arrow points to it from the left. Below the navigation menu, a list of resource links is displayed, including:

- [Coronavirus Disease 2019 Website](#)
- [Interim Infection Prevention and Control Recommendations for Patients with Suspected or Confirmed Coronavirus](#)
- [Healthcare Infection Prevention and Control FAQs for COVID-19](#)
- [Healthcare Supply of Personal Protective Equipment](#)
- [What Healthcare Personnel Should Know about Caring for Patients with Confirmed or Possible COVID-19 Infection](#)
- [Healthcare Professionals: Frequently Asked Questions and Answers](#)
- [Interim Guidance for Discontinuation of Transmission-Based Precautions and Disposition of Hospitalized Patients](#)
- [Interim Guidelines for Collecting, Handling, and Testing Clinical Specimens from Patients Under Investigation for Specimens](#)
- [Evaluating and Reporting Persons Under Investigation](#)

[APIC CA Resources webpage](https://community.apic.org/cacc/resources)
(community.apic.org/cacc/resources)

Summary

- Infection preventionists in acute care hospitals (ACH IPs) need to know what evidence-based resources are available and where to find them
- The CDPH HAI Program provides expert staff, online content, and educational opportunities to support ACH IPs
- ACH IPs should seek support and networking opportunities through local APIC professional chapters and local academic and health system infection prevention experts

References

- Ebbing Lautenbach, K. F. Woeltje, and P.N. Malani., Practical Healthcare Epidemiology, 3rd Edition, 2010.
- Horan, T.C., Andrus, M., and Dudeck, M.A. CDC/NHSN surveillance definition of health care-associated infection and criteria for specific types of infections in the acute care setting. *Am J Infection Control* 36: 309-332, 2008.
- Lee, T.B., Marx, J., Olmsted, R.N., and Scheckler, W.E., Recommended practices for surveillance: Association for Professionals in Infection Control and Epidemiology (APIC), Inc. *Am J Infect Control* 35:427-440, 2007.
- Yi, M., Edwards, M., Horan, T., Berrios-Torres, S., Fridkin, S., *Improving risk-adjusted measures of surgical site infection for the National Health Safety Network*. *Infect Control and Hospital Epidemiology*. 32(10), 2011.

References – Quicksheets

[Candida auris](#)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/Candida-auris.aspx)

[CRE Quicksheet](#) (PDF)

(www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CRE_QuicksheetOct2019.pdf)

[CRO Quicksheet](#) (PDF)

(www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH Document Library/CRO_Quicksheet_Oct2020.pdf)

[CDI Quicksheet](#) (PDF)

(www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH Document Library/CDI_Quicksheet_May2019.pdf)

[Hepatitis A Investigation Guidance](#) (PDF)

(www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/HepatitisA-Quicksheet.pdf)

[Hepatitis B Quicksheet](#)

(www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/HepatitisB-Quicksheet.pdf)

References – Quicksheets (continued)

[COVID-19 Line List Template](#)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/HAIProgramHome.aspx)

[Legionellosis Fact Sheet](#) (PDF)

(www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/LegionellosisFactSheet.pdf)

[Antimicrobial Resistance](#)

(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/AntimicrobialResistanceLandingPage.aspx)

[Influenza and Other Non-COVID-19 Respiratory Illness Outbreak Quicksheet](#) (PDF)

(www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/FluAndRespiratoryIllnessOutbreakQuicksheet.pdf)

Questions?

For more information,
please contact

HAIProgram@cdph.ca.gov

Include “ACH IP Training Course” in
the subject line

Post Test

Now that you have completed this
module,
Click on the “Post Test” link when it
pops up

To Return to
Learning Stream
and take the post test

*If the Post Test link does not pop up,
you will be sent a link via e-mail*