Infection Control Practitioner Training in US and useful resources

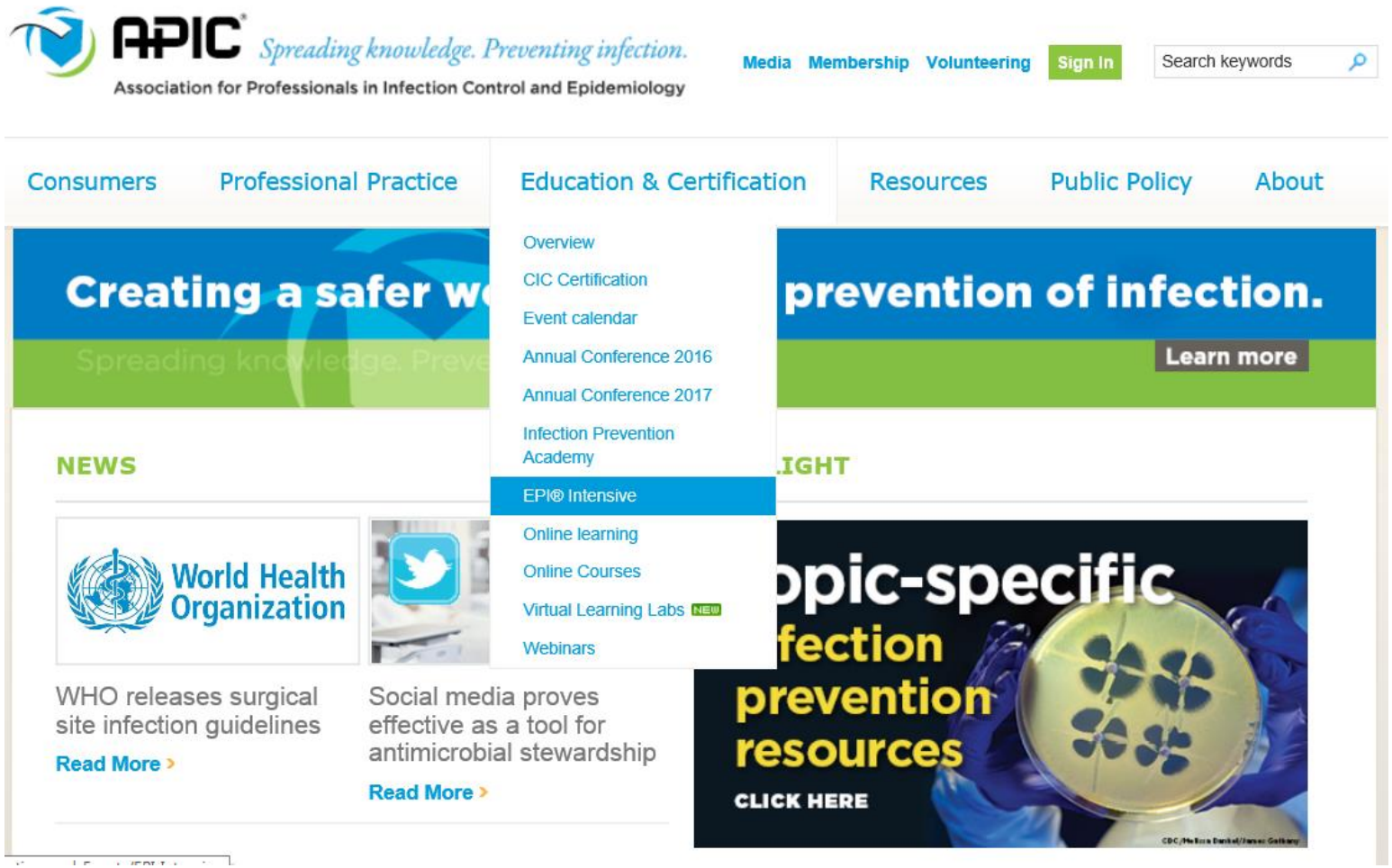
Tomas Chan RN, MPH

HAIDC / HAIDSTC

Association for Professionals in Infection Control and Epidemiology (APIC)

http://www.apic.org/

EPI® Intensive



Introduction

APIC EPI Intensive

EDUCATION FOR THE PREVENTION OF INFECTION

Home > Education & Certification > EPI® Intensive

EPI® Intensive

6

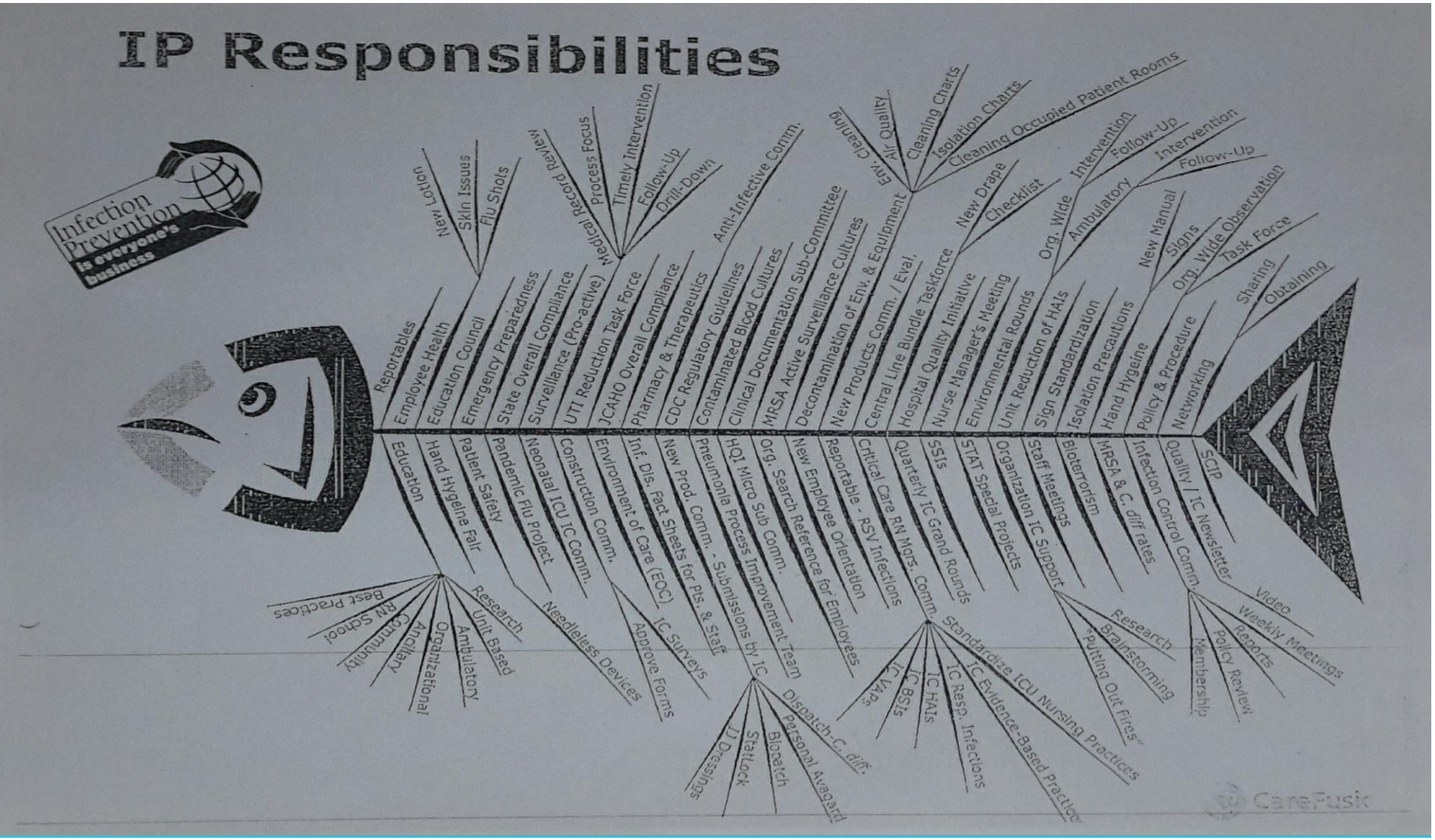
Come to one of our EPI® Intensives!

This novice level course, designed for infection preventionists with 1-3 years of experience, provides intensive fundamental infection prevention training for healthcare professionals working in different practice settings. Over the course of four days, you will learn how to develop an effective infection prevention program to protect patients and comply with accrediting and regulatory requirements through evidenced-based best practices that reduce risk.

The course introduces the various roles and responsibilities of the infection preventionist. Areas of emphasis include how to prepare surveillance and risk assessment plans, regulatory compliance, and preventing transmission of infectious diseases. Experienced faculty deliver lectures of complex concepts taught in everyday language, facilitate smaller group activities, and lead question/answer sessions along with the sharing of experiences at the individual level.

Upon completion of the full course, attendees will be able to:

- Define the role of the IP in meeting standards or requirements.
- Demonstrate a basic understanding of microbiology.
- Describe the role of surveillance in the Infection Prevention and Control Program.
- Describe practical applications of recommended practices that can be utilized by the IP in their surveillance program.
- Develop an infection prevention plan from risk assessment results.

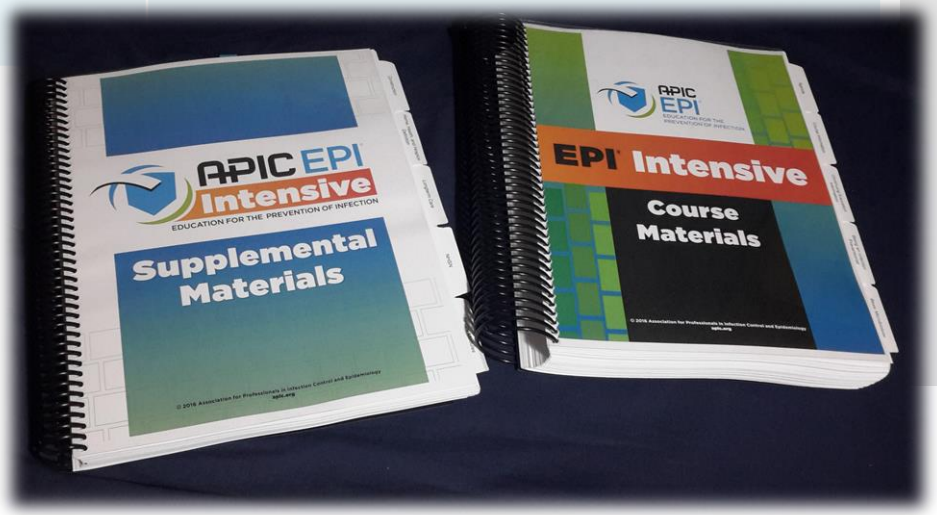

IP Responsibilities
Infection Prevention is everyone's business
Reportables
Employee Health
Education Council
Emergency Preparedness
State Overall Compliance
Surveillance (Pro-active)
UTI Reduction Task Force
JCAHO Overall Compliance
Pharmacy & Therapeutics
CDC Regulatory Guidelines
Contaminated Blood Cultures
Clinical Documentation Sub-Committee
MRSA Active Surveillance Cultures
Decontamination of Env. & Equipment
New Products Comm. / Eval.
Central Line Bundle Taskforce
Hospital Quality Initiative
Nurse Manager's Meeting
Environmental Rounds
Unit Reduction of HAIs
Sign Standardization
Isolation Precautions
Hand Hygeine
Policy & Procedure
Networking
SCIP
New Lotion
Skin Issues
Flu Shots
Medical Record Review
Process Focus
Timely Intervention
Follow-Up
Drill-Down
Anti-Infective Comm.
Env. Cleaning
Air Quality
Cleaning Charts
Isolation Charts
Cleaning Occupied Patient Rooms
New Drape
Checklist
Org. Wide Intervention
Follow-Up
Ambulatory Intervention
Follow-Up
New Manual
Signs
Org. Wide Observation
Task Force
Sharing
Obtaining
Education
Hand Hygeine Fair
Patient Safety
Pandemic Flu Project
Neonatal ICU IC Comm.
Construction Comm.
Environment of Care (EOC)
Inf. Dis. Fact Sheets for Pts. & Staff
New Prod. Comm. - Submissions by IC
Pneumonia Process Improvement Team
HQI Micro Sub Comm.
Org. Search Reference for Employees
New Employee Orientation
Reportable - RSV Infections
Critical Care RN Mgrs. Comm.
Quarterly IC Grand Rounds
SSIs
STAT Special Projects
Organization IC Support
Staff Meetings
Bioterrorism
MRSA & C. diff rates
Infection Control Comm.
Quality / IC Newsletter
Best Practices
RN School
Community
Ancillary
Organizational
Ambulatory
Unit Based
Research
Needleless Devices
Approve Forms
IC Surveys
Dispatch-C. diff.
Personal Avagard
Bioatch
StatLock
IJ Dressings
IC VAPs
IC BSIs
IC HAIs
IC Resp. Infections
IC Evidence-Based Practices
Standardize ICU Nursing Practices
"Putting Out Fires"
Brainstorming
Research
Membership
Policy Review
Reports
Weekly Meetings
Video
CareFusk

Agenda

Date	Content	Remarks
Day 1 Mon	Being an IP	Roadmap from Novice to CIC
	Basic Microbiology	
	Infectious Diseases	
Date	**Content**	**Remarks**
Day 2 Tue	Regulations and Requirements	Refer to Supplemental Materials
	Risk Assessment	Refer to Supplemental Materials
	NHSN Basics	Data Mining
	Surveillance: CAUTI, CLABSI	Exercise in Supplemental Materials
Dates	**Content**	**Remarks**
Day 3 Wed	Managing Program & Leadership	
	Surveillance: VAE	Exercise in Supplemental Materials
	Devices-Related Infections	Exercise
	Outbreak & Investigations	Exercise

Agenda

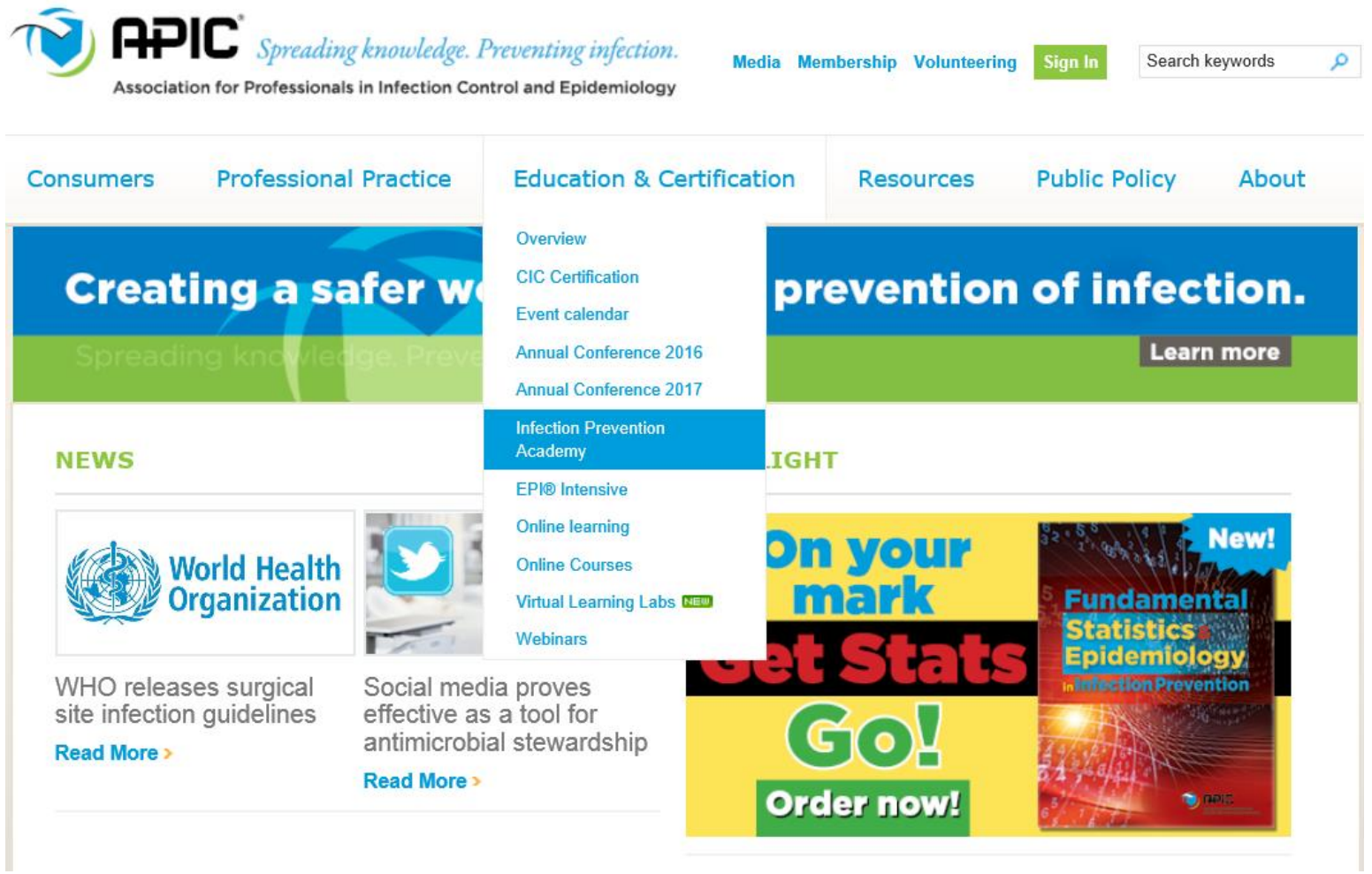
Date	Content	Remarks
Day 4 Thu	Disinfection & Sterilization	
	Infection Prevention in Surgical Settings	
	Surveillance: SSI	Exercise
	IP as Educator	
Date	**Content**	**Remarks**
Day 5 Fri	Construction & Renovation	Exercise & Supplemental Materials
	SIR Calculations & Surveillance Rates	Exercise
	Leading Change in IP Program	
	Using & Reporting Data	



New Agenda in 2017

Date	Content	Remarks
Day 1	Being an IP & **Leading Change**	From Day 5
	Regulations and Requirements	From Day 2
	Basic Microbiology	
	Managing Program & **IP as Educator**	Compress Day 3 & 4
Day 2	NHSN Basics	
	Surveillance: CAUTI, CLABSI	
	Construction & Renovation	From Day 5
	Risk Assessment	
Day 3	Surveillance: VAE	
	Devices-Related Infections	
	Infectious Diseases	From Day 1
	Outbreak & Investigations	
Day 4	Disinfection & Sterilization	
	Infection Prevention in Surgical Settings	
	Surveillance: SSI	
	Using & Reporting Data	From Day 5

APIC Academy



APIC Academy

Home > Education & Certification > Infection Prevention Academy

Infection Prevention Academy

9

APIC's Infection Prevention Academy is the largest gathering of infection preventionists outside of APIC's Annual Conference. One of the ways that APIC advances the infection prevention profession is through its educational programs, one of the largest of which is the Infection Prevention Academy. Offered twice a year, the Academy offers learners a variety of course choices for all levels on the APIC competency model. It also provides them with the opportunity to interact with hundreds of other infection preventionists; view products and services offered by a large number of exhibitors; participate in focus groups; and, attend networking events.

Fall 2016 Academy

Courses and registration

All courses will take place at **Disney Yacht & Beach Club Resort**.

Registration is Now Closed

- **Early Registration deadline: August 8, 2016 *****Now Extended to August 15***
- **Registration deadline: August 31, 2016**

Please Note: All registrations are not confirmed until payment is received in full by APIC.

Advanced Education for the Infection Preventionist - September 15-17, 2016 - Description and Registration

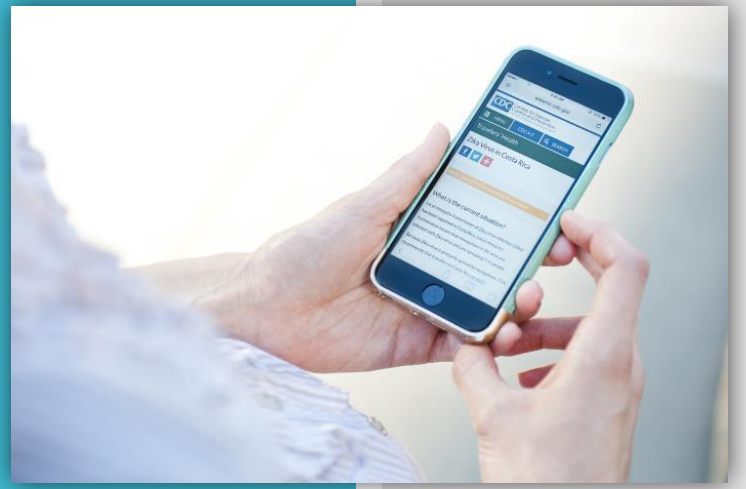
EPI 101 - September 12-14, 2016 - Description and Registration

EPI 102 - September 15-17, 2016 - Description and Registration

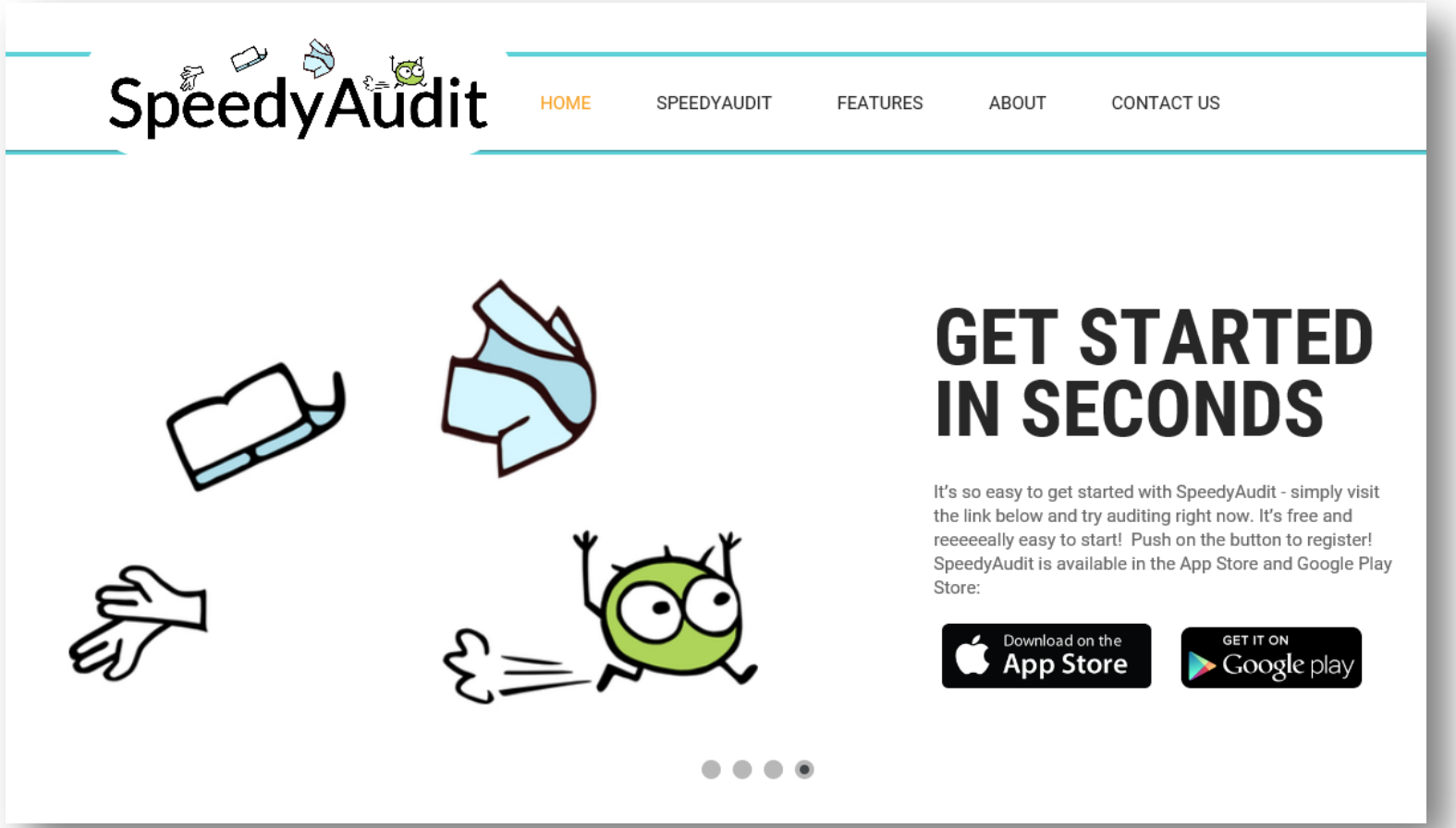
ASC 101 - September 12-14, 2016 - Description and Registration

ASC 102 - September 15-17, 2016 - Description and Registration

Useful Resources



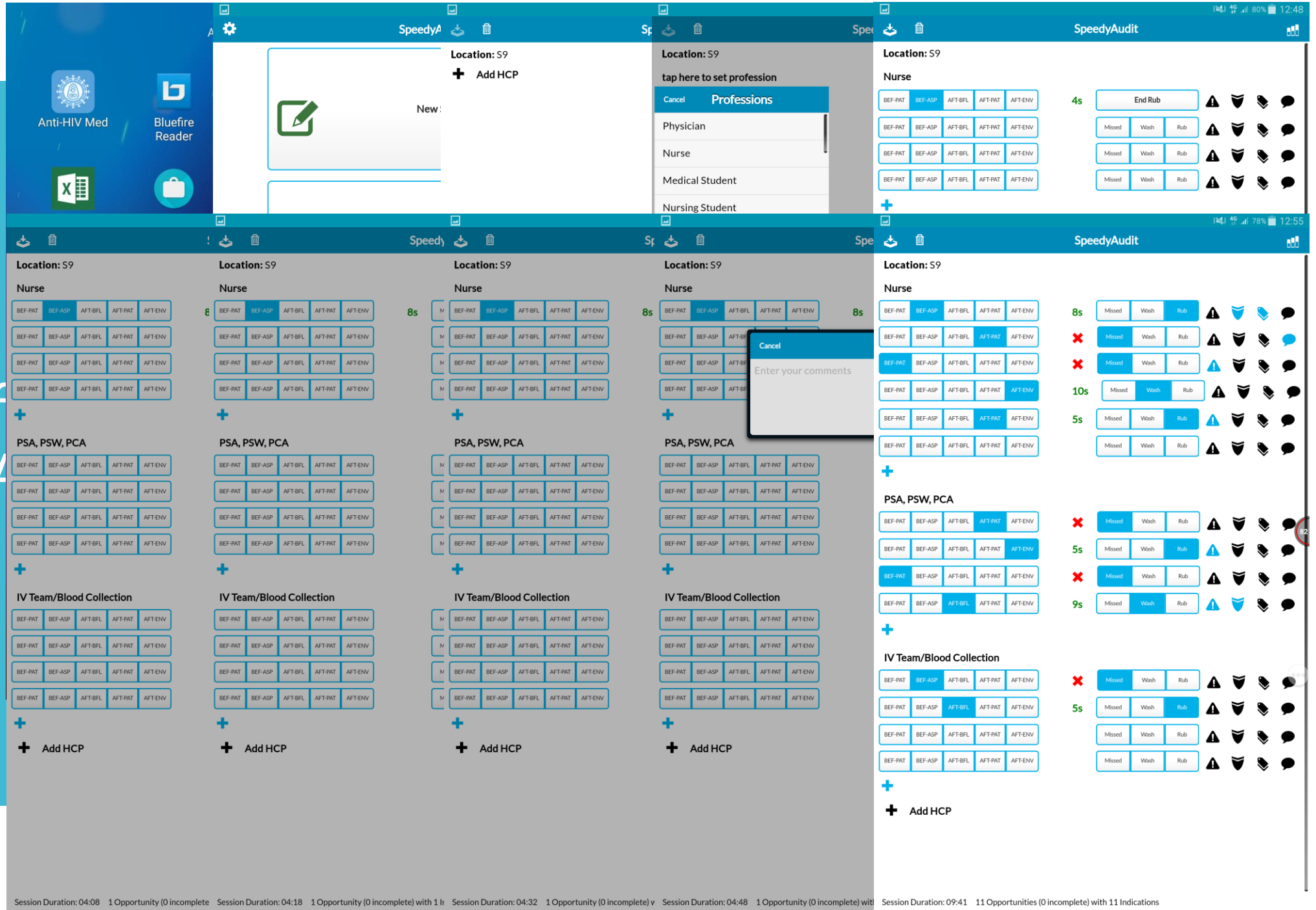
Speedy Audit

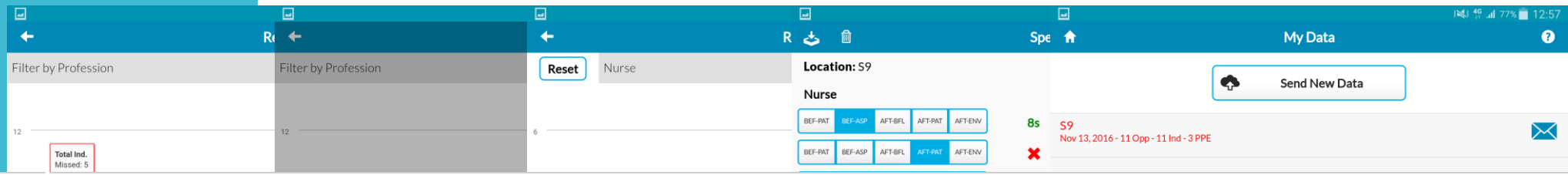


https://www.speedyaudit.com/

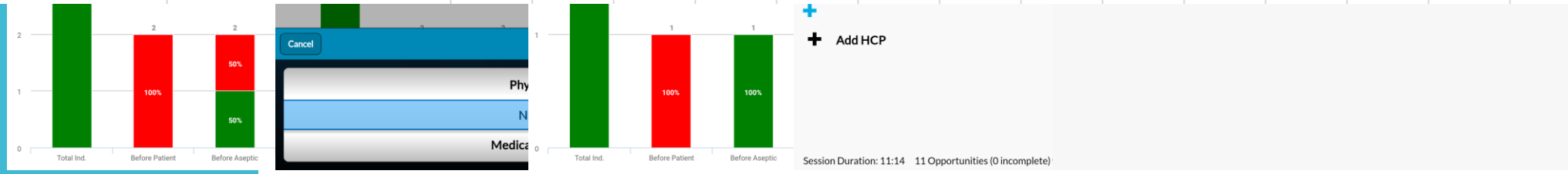
https://www.speedyaudit.com/speedymobilevideo/

Demo of Speedy A

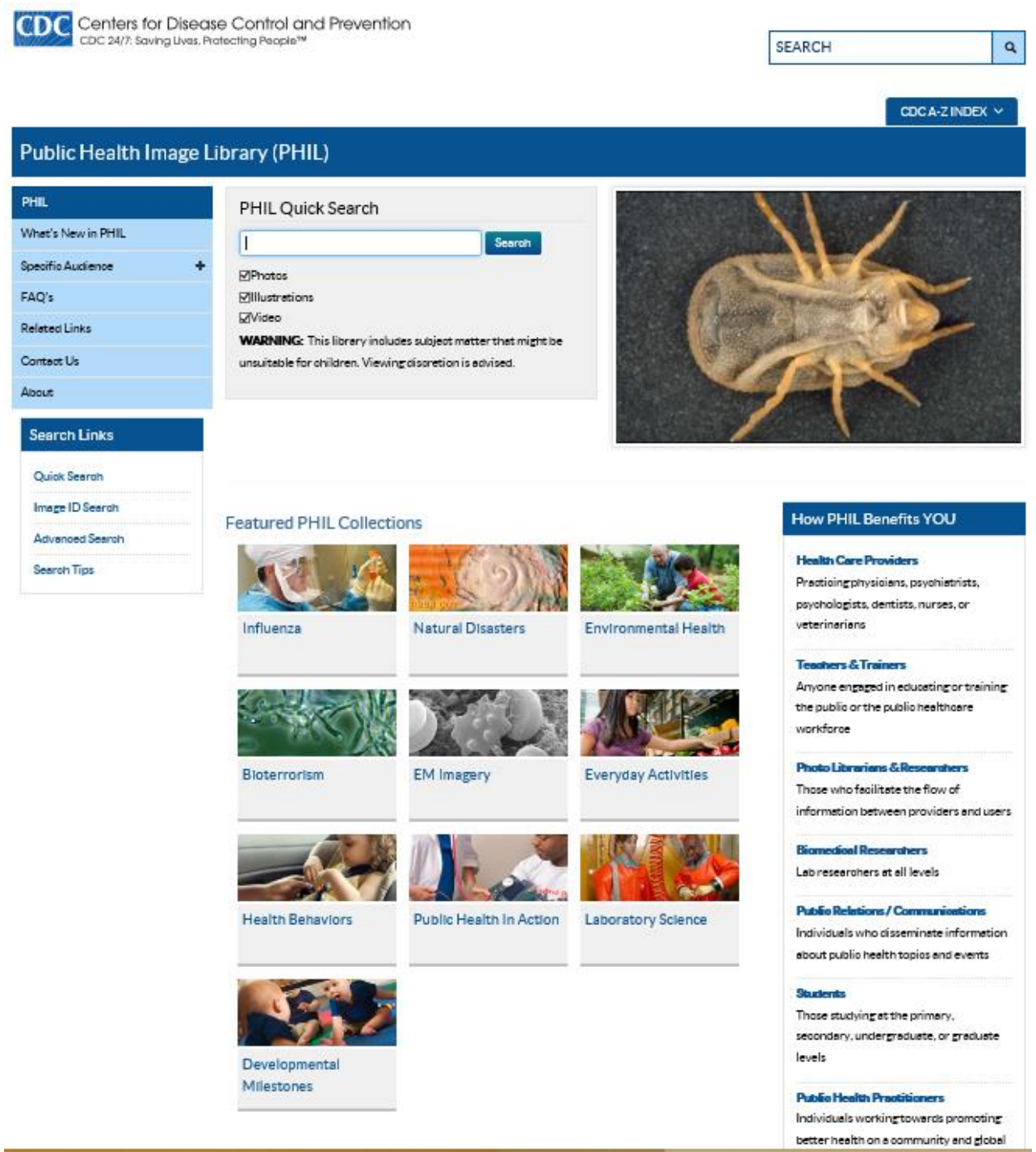




	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Recorded At	Location	HCP	Indication	Hand Hygie	Hand Hygie	Gloves	Gown	Goggles	Mask	Respirator	Contact pre	Droplet pre	Airborne pr	Nails	Rings	Bracelets	Comments	
2	2016/11/12 23:48	S9	Nurse	Before clean/aseptic procedure	Rub	8	N/A	Complied	Complied	N/A	N/A	no	no	no	no	yes	no	N/A	
3	2016/11/12 23:50	S9	Nurse	After touching a patient	Missed	N/A	N/A	N/A	N/A	N/A	N/A	no	no	no	no	no	no	advised	
4	2016/11/12 23:50	S9	Nurse	Before touching a patient	Missed	N/A	N/A	N/A	N/A	N/A	N/A	no	yes	no	no	no	no	N/A	
5	2016/11/12 23:50	S9	Nurse	After touching patient surroundings	Wash	10	N/A	N/A	N/A	N/A	N/A	no	no	no	no	no	no	N/A	
6	2016/11/12 23:51	S9	PSA, PSW, PCA	After touching a patient	Missed	N/A	N/A	N/A	N/A	N/A	N/A	no	no	no	no	no	no	N/A	
7	2016/11/12 23:51	S9	PSA, PSW, PCA	After touching patient surroundings	Rub	5	N/A	N/A	N/A	N/A	N/A	yes	no	no	no	no	no	N/A	
8	2016/11/12 23:51	S9	PSA, PSW, PCA	Before touching a patient	Missed	N/A	N/A	N/A	N/A	N/A	N/A	no	no	no	no	no	no	N/A	
9	2016/11/12 23:52	S9	PSA, PSW, PCA	After body fluid exposure risk	Wash	9	N/A	N/A	N/A	N/A	Complied	no	no	yes	no	no	no	N/A	
10	2016/11/12 23:52	S9	IV Team/Blood Collection	Before clean/aseptic procedure	Missed	N/A	N/A	N/A	N/A	N/A	N/A	no	no	no	no	no	no	N/A	
11	2016/11/12 23:52	S9	IV Team/Blood Collection	After body fluid exposure risk	Rub	5	N/A	N/A	N/A	N/A	N/A	no	no	no	no	no	no	N/A	
12	2016/11/12 23:51	S9	Nurse	After touching a patient	Rub	5	N/A	N/A	N/A	N/A	N/A	yes	no	no	no	no	no	N/A	
13																			
14																			
15																			
16																			
17																			
18																			

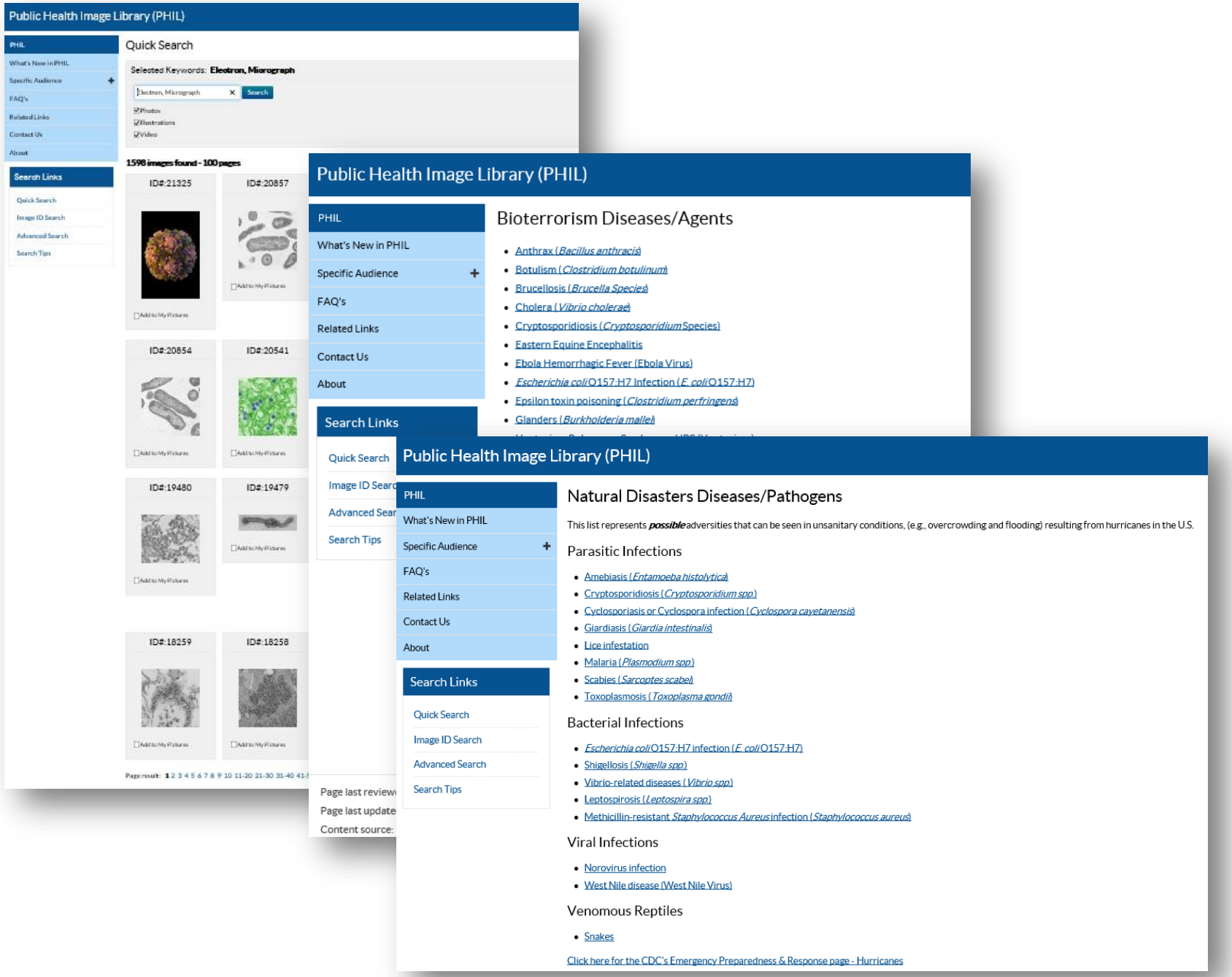


Public Health Image Library (PHIL)

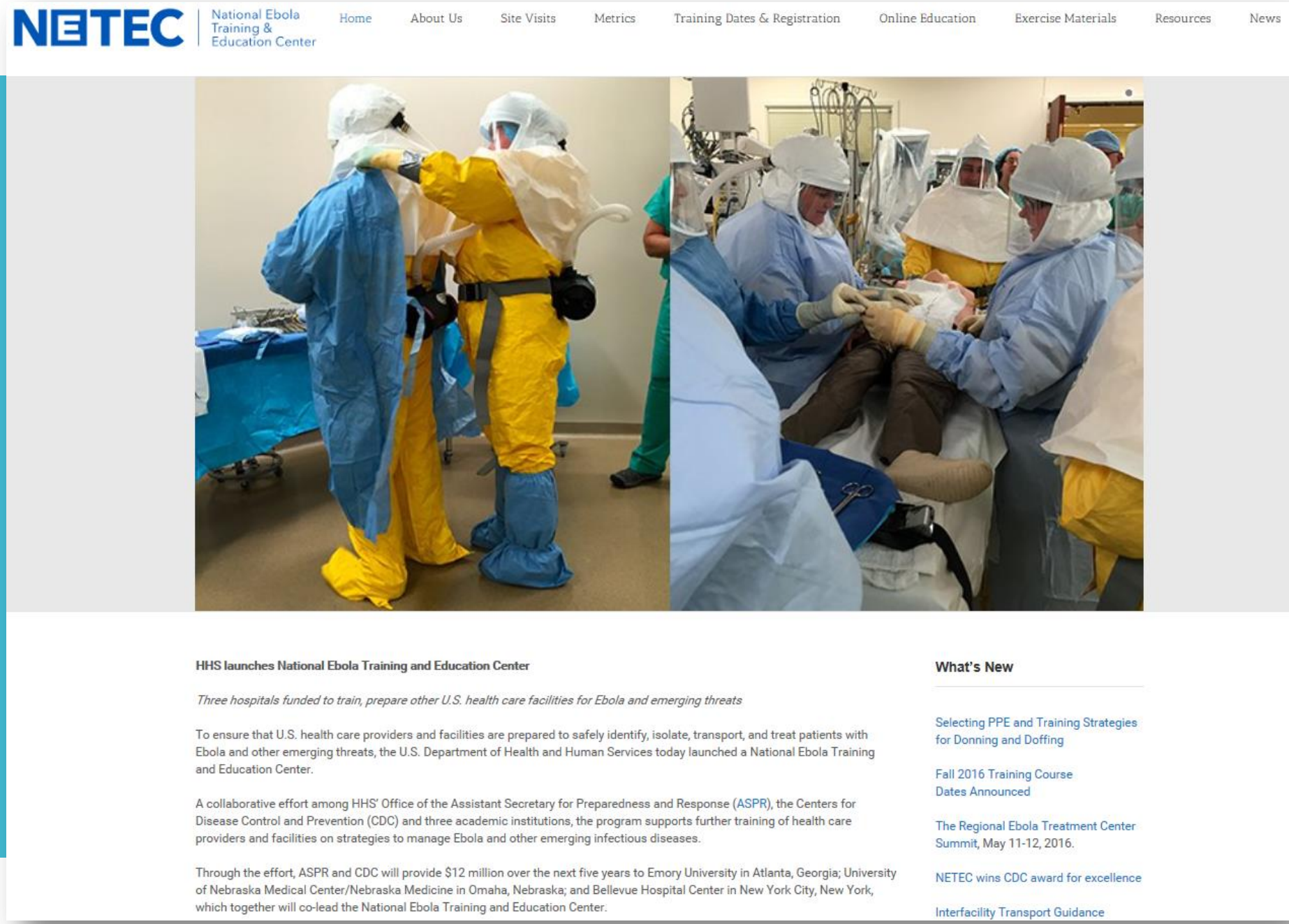


https://phil.cdc.gov/phil/home.asp

PHIL

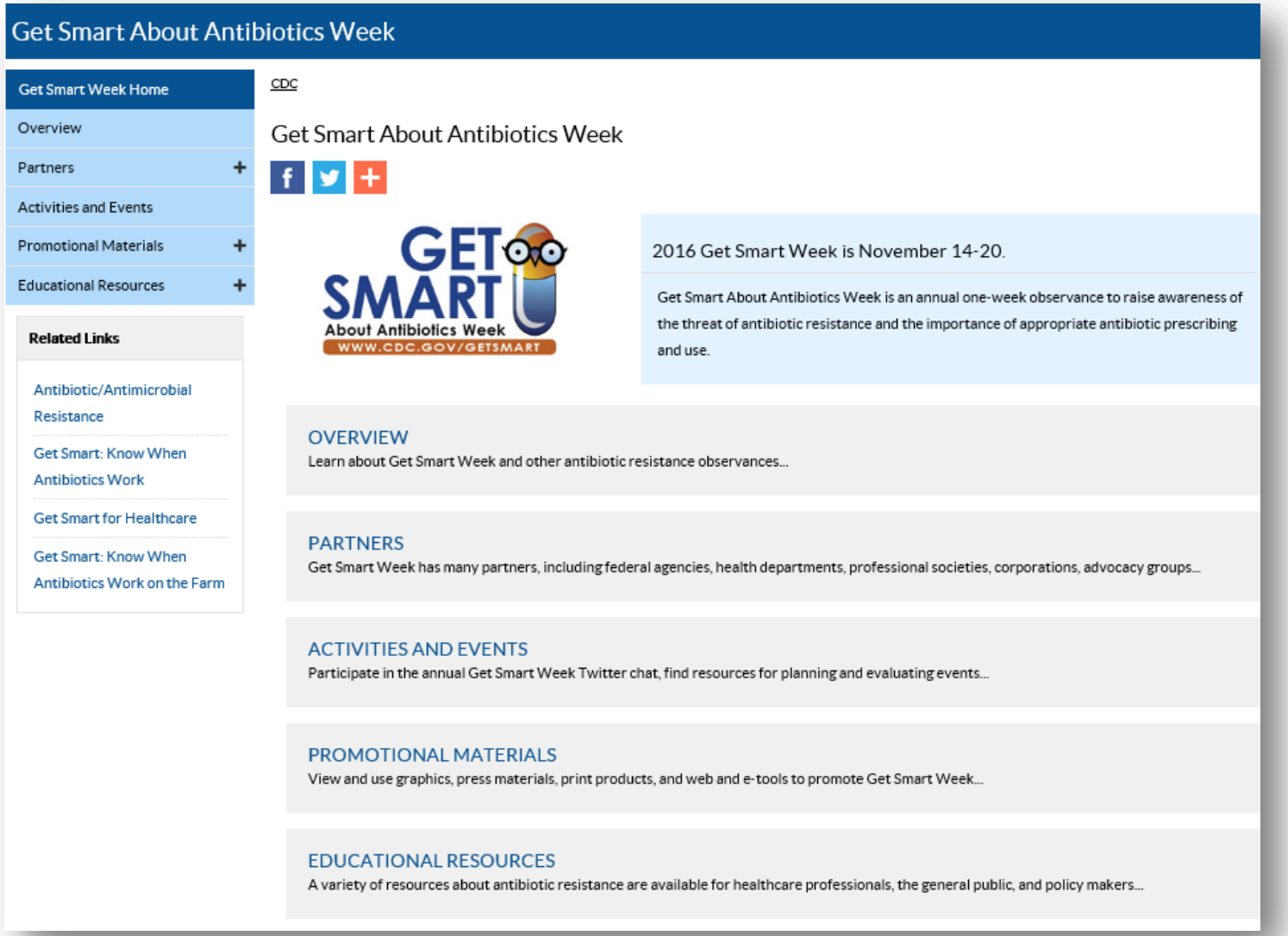

Public Health Image Library (PHIL)
PHIL
What's New in PHIL
Specific Audience
FAQ's
Related Links
Contact Us
About
Search Links
Quick Search
Image ID Search
Advanced Search
Search Tips
Quick Search
Selected Keywords: Electron, Micrograph
Search
Photos
Illustrations
Video
1598 images found - 100 pages
ID#:21325
ID#:20857
ID#:20854
ID#:20541
ID#:19480
ID#:19479
ID#:18259
ID#:18258
Add to My Pictures
Page result: 1 2 3 4 5 6 7 8 9 10 11-20 21-30 31-40 41-
Page last review
Page last update
Content source:
Public Health Image Library (PHIL)
Bioterrorism Diseases/Agents
Anthrax (Bacillus anthracis)
Botulism (Clostridium botulinum)
Brucellosis (Brucella Species)
Cholera (Vibrio cholerae)
Cryptosporidiosis (Cryptosporidium Species)
Eastern Equine Encephalitis
Ebola Hemorrhagic Fever (Ebola Virus)
Escherichia coli O157:H7 Infection (E. coli O157:H7)
Epsilon toxin poisoning (Clostridium perfringens)
Glanders (Burkholderia mallei)
Public Health Image Library (PHIL)
Natural Disasters Diseases/Pathogens
This list represents possible adversities that can be seen in unsanitary conditions, (e.g., overcrowding and flooding) resulting from hurricanes in the U.S.
Parasitic Infections
Amebiasis (Entamoeba histolytica)
Cryptosporidiosis (Cryptosporidium spp.)
Cyclosporiasis or Cyclospora infection (Cyclospora cayetanensis)
Giardiasis (Giardia intestinalis)
Lice infestation
Malaria (Plasmodium spp.)
Scabies (Sarcoptes scabei)
Toxoplasmosis (Toxoplasma gondii)
Bacterial Infections
Escherichia coli O157:H7 infection (E. coli O157:H7)
Shigellosis (Shigella spp.)
Vibrio-related diseases (Vibrio spp.)
Leptospirosis (Leptospira spp.)
Methicillin-resistant Staphylococcus Aureus infection (Staphylococcus aureus)
Viral Infections
Norovirus infection
West Nile disease (West Nile Virus)
Venomous Reptiles
Snakes
Click here for the CDC's Emergency Preparedness & Response page - Hurricanes

National Ebola Training & Education Center (NETEC)



http://netec.org

Get Smart About Antibiotics Weeks



https://www.cdc.gov/getsmart/week/

Safe Infection Practices Campaign

http://www.oneandonlycampaign.org/

National Healthcare Safety Network (NHSN) Training

https://www.cdc.gov/nhsn/training/

Reflection

Acknowledge

- Dr. Owen Tsang
  - MD (ID) HAIDC / Con (M&G)
- Dr. Danny Tong
  - HOCS Dep CM(N) / SM(N) / PNO
  - Former DOM, HAIDC / KWC ICN Coordinator
- KF Pun
  - WM, IDC
- Luisa Chan
  - Mgr (GS i/c & TA), IDCTC / ICB, CHP
- Ivan Wong
  - CI, IDCTC / ICB, CHP
- Jessie Chak
  - HRM (PM / TA), HRD, KWC
- Kevin Chan
  - AHRM (TA), HRD, KWC
- Miranda Wong
  - HRO (TA), HRD, KWC
- Admin and clinical colleagues in IDC

CIC® Exam

Cleaning, Sterilization, Disinfection, Asepsis

Stage 1: Days 1 - 60	Stage 2: Days 61 - 120	Stage 3: Days 121- End of Year 1	Stage 4: Beginning of year 2 - Passing the CIC Exam
Disinfection and sterilization of equipment: ▪ Learn the Spaulding classification of disinfection and sterilization ▪ Differentiate between cleaning, disinfection, high-level disinfection and sterilization	**Learn critical steps of cleaning, high-level disinfection, and sterilization. For example:** ▪ Event-related sterility ▪ Chemical and biological indicators for different sterilization process ▪ Testing for effective levels of high-level disinfectant solutions; and ▪ Documentation/monitoring requirements ▪ Recall steps for failed instrument processing and actions to take to mitigate risks	**Determine if your facility participates in reuse of single-use devices:** ▪ Determine appropriate practices for reprocessing single-use devices	**Learn the special disinfection/ sterilization requirements for resilient pathogens. For example:** ▪ Creutzfeldt-Jakob Disease (CJD) ▪ Human Papillomavirus (HPV) **After observation of high-level disinfection and sterilization processes at your facility, determine if practices meet guidelines and update policies and procedures as needed**
		Assess products under evaluation for their ability to be reprocessed: ▪ Manufacturers guidelines ▪ End users ▪ Product team	
	Learn the importance of decontamination of instruments/ scopes	Learn your facility's processes for disinfection and sterilization: ▪ Observe processing of patient care equipment in specialty areas: ◆ Endoscopy/Bronchoscopy ◆ Central Services ◆ Respiratory therapy ◆ Surgical/ Procedural areas and Anesthesia ◆ Dialysis ◆ Angiography	

Suggested Resources for CSDA:
- APIC Text (hard copy/online) $
- Control of Communicable Diseases Manual
- AAMI ST 79 – Steam Sterilization $
- AAMI ST58 – Chemical Sterilization and High Level Disinfection $
- APIC Scientific Guidelines
- CDC and other scientific publications and guidelines
- Certification Study Guide, current edition $

CIC® Exam

Home > Quick Links > Store

Certification Study Guide, 6th edition

NEW

Member Price: **$99.00**
List Price: **$119.00**
Must be signed in to receive discount
Not a member? Join Today!

Qty: 1
Add to Cart

Description | Details | Downloads

The *Certification Study Guide, 6th edition* mirrors the CBIC 2015 Examination Content Outline effective July 1, 2015.

Certification Study Guide, 6th edition was created by APIC to assist candidates preparing for the Certification in Infection Prevention and Control (CIC®) exam. This fully revised edition reviews the eight content areas identified by the Certification Board of Infection Control (CBIC®) practice analysis. Highlights include:

- Many new practice questions
- Answer rationales and references for every practice question
- Chapter-by-chapter guidance for studying from the primary resources that CBIC uses to write the exam, including the *APIC Text, 4th edition*
- Three full-length practice tests with answer rationales and references for further study
- Helpful test-taking tips

HA Libraries Union Catalogue

eKG Home | Library Services | View my library record | eJournals@eKG | eBooks@eKG | Databases

Start Over | Request | Save Records | MARC Display | Return to List | More Information | Another Search

(Search History)

CALL NO | WC18.2 .C47 2015 | View Entire Collection | System Sorted | Search

Limit results to available items

Record: Previous Record | Next Record

Title Certification Study Guide : Preparing for the Certification in Infection Prevention and Control (CIC) Exam / Association for Professionals in Infection Control and Epidimiology (APIC).
Publisher Washington, D.C. : the Association, c2015.
Edition 6th ed.
ISBN# 9781933013633
193301363x

Permanent link to this record: http://www.ekg.org.hk/eKGLinkSolver?http://library.ha.org.hk/record=b1135574~s1

Add to My eKG

LOCATION	CALL #	STATUS
PM-KCH-L Books	WC18.2 .C47 2015	ON DISPLAY
CMC-L Books	WC18.2 .C47 2015	AVAILABLE

Table of Contents

	Introduction : how to use this guide	7
Section I	Preparing for the Certification in Infection Prevention and Control (CIC) Examination	
Ch. 1	The CIC Exam	11
Ch. 2	Test-taking tips and strategies	23
Section II	CBIC content outline review and practice questions	
Ch. 3	Identification of infection precesses	37
Ch. 4	Surveillance and epidemiologic investigation	67
Ch. 5	Preventing/Controlling the transmission of infectious agents	99
Ch. 6	Employee/Occupational health	133
Ch. 7	Management and communication	153
Ch. 8	Education and research	171
Ch. 9	Environment of care	187
Ch. 10	Cleaning, sterilization, disinfection, asepsis	203
Section III	Practice examinations	
	Practice Exam 1	221
	Practice Exam 2	303
	Practice Exam 3	389
	List of abbreviations	477

Alt Corp Aut Association for Professionals in Infection Control and Epidemiology.
Subject Infection Control.
Communicable Diseases -- examination questions.
Description 482 p. : ill. ; 28 cm.

Q&A

Thank you very much!