

Expertise & Knowledge of the IP

**EXPERTISE AND KNOWLEDGE
NEEDED TO BE AN EFFECTIVE
INFECTION PREVENTIONIST (IP)**

Infection Prevention & Control
Boot Camp For Long-Term Care Facility
Infection Preventionists

OBJECTIVES

At the conclusion of this presentation, participants will be able to:

- Discuss three areas of expertise essential to function as an effective IP
- Identify three agencies that provide regulations or guidelines for infection prevention and control in long-term care facilities
- Describe the IP's role when meeting with surveyors
- Discuss three characteristics important to functioning as an IP and leader in long-term care

INFECTION PREVENTIONIST (IP)



The Infection Preventionist (IP) must have primary professional training in nursing, medical technology, microbiology, epidemiology, or other related field and can be qualified by education, training, experience or certification.²



2. Proposed CMS Regulations to be finalized and released 2016.



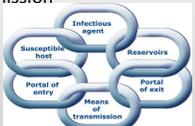
Expertise & Knowledge of the IP

CLINICAL

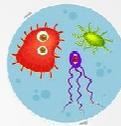


Basic fundamental knowledge of:

- Nursing
- Medical technology
- Microbiology
- Principles of infection prevention & control
- Infectious disease transmission & interventions to prevent transmission
- Immunology
- Pharmacology
 - Antibiotics



BASIC MICROBIOLOGY



- How to read lab results
- Basic differences between types of organisms, e.g., bacteria versus virus versus parasite
- What is an antibiogram and how is it used
- What is the significance of microbial resistance to antibiotics
- What is "antimicrobial stewardship"
 - How to participate in an Antimicrobial Stewardship Program
 - What is a "microorganism of epidemiological significance"

WORKING WITH DATA



- Data collection
- What data to use & when
- Interpreting data
- Creating reports
 - What to report
 - Producing tables & graphs
- Understanding basic statistics
- Utilizing a computer for data input & management



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TEACHING METHODS

- Understanding the principles of adult learning
- What, when & how to teach
 - Formal & informal classes
 - Creative teaching methods
- Determining facts & validating sources
- Using educational tools
 - Presentation software
 - Equipment
 - Handouts
 - Other tools



REGULATIONS & GUIDELINES

- What is the difference between a regulation and a guideline
- Which regulations & guidelines pertain to long-term care
- Developing & implementing policies & procedures
- Monitoring compliance
- Correcting deficiencies
- How to participate in a survey
 - What to say
 - What not to say



REGULATIONS & GUIDELINES

Regulatory agencies

- Centers for Medicare and Medicaid (CMS)
- State & Local Health Department
- California Department of Public Health (CDPH)
- Occupational Safety & Health Administration (OSHA)
- Environmental Protection Agency (EPA)
- Food & Drug Administration (FDA)
- Guidelines
- Centers for Disease Control & Prevention (CDC)
- Healthcare Infection Control Practices Advisory Committee (HICPAC)
- Professional Associations
 - APIC
 - SHEA
- Institute for Healthcare Improvement (IHI)
- State & Local Associations
- California Association of Healthcare Facilities (CAHF)



Expertise & Knowledge of the IP

QUALITY ASSURANCE & PERFORMANCE IMPROVEMENT (QAPI)

- Identifying processes for
- Identifying, reporting, analyzing, preventing adverse events (e.g., infections)
- Utilizing QAPI tools
 - Root cause analysis (RCA)
 - Flow charting
 - Five whys
 - Fishbone diagram
- Evaluating the IPCP program
 - Conducting a risk assessment
 - Creating an Annual Infection Prevention Plan



ENVIRONMENTAL IMPACT

Understanding basic principles of:

- Environmental cleaning
- Sterilization & disinfection
- Food safety
- Water safety
- Construction & renovation
- Safety, disaster & emergency preparedness



BASIC EMPLOYEE HEALTH

- Essential employee testing & screening
- Required and recommended immunizations for employees
- Knowing work restrictions for employee illnesses
- Managing employee exposures to
 - Infectious diseases
 - Bloodborne pathogens





Expertise & Knowledge of the IP

LEADERSHIP

- Possess excellent communication skills
- Understanding how to build relationships
 - Within the facility
 - Outside of the facility
- Critical thinker
- Ability to inspire and motivate others
- Be a problem solver and drive for results
- Flexible
- Innovative
- Champion of change
- Possess high integrity & other qualities



