IPAC CONSULTING

IPAC for Construction

Crash Course

Syllabus

5-1269 Commerce Way,
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Module 1 - Background

Overview:

In this course, you will learn essential infection prevention and control (IPAC) practices critical to maintaining patient safety during construction activities within healthcare facilities. Construction in healthcare environments presents unique risks, and effective IPAC measures are vital to preventing severe health outcomes.

Learning Objectives:

By the end of this module, learners will be able to:

1. Identify the risks construction poses in healthcare settings.
2. Identify key standards and guidelines for infection control.
3. Recognize the roles of infection control professionals and constructors.
4. Recognize the steps to implement infection control measures effectively.

Module Outline

1. Introduction to Construction Risks in Healthcare Settings
2. Infection Risks Associated with Construction
3. Standards, Guidelines, and Regulatory Bodies
4. Core IPAC Practices for Construction Sites
5. Roles and Responsibilities

Module 2 - General IPAC Measures

Overview: In this module, you will learn how routine precautions like hand hygiene, PPE use, and respiratory etiquette help prevent infections in healthcare settings. You'll also explore when additional precautions are needed to keep patients, staff, and visitors safe.

Learning Objectives:

By the end of this module, learners will be able to:

1. Explain the importance of routine precautions in healthcare settings.
2. Identify and use the appropriate facilities and procedures for hand hygiene.
3. Identify the different types of personal protective equipment (PPE) and describe their specific uses.
4. Recognize the appropriate isolation precautions based on the type of infection.

Module Outline

1. The Precautionary Principle
2. Routine Precautions
3. Hand Hygiene
4. Respiratory Etiquette
5. Personal Protective Equipment (PPE)
6. Isolation (Additional) Precautions

Module 3 - Overview of IPAC in Construction

Overview: In this course, you will explore essential Infection Prevention and Control (IPAC) practices tailored specifically for construction projects. We'll guide you through each phase—planning, working, and commissioning—and show you how IPAC measures are critical to ensuring safety and preventing infections.

Learning Objectives:

By the end of this module, learners will be able to:

1. Define the three main phases of construction in relation to Infection Prevention and Control (IPAC) measures.
2. Explain the role of IPAC during the different phases of construction, renovation, and maintenance activities.
3. Identify and follow the necessary IPAC measures during the working phase of a construction project.
4. Recognize the effectiveness of IPAC measures during the commissioning phase

Module Outline

1. Why IPAC in Construction Matters
2. The Three Phases of Construction
3. Six Main Steps of IPAC in Construction
4. Planning Phase
5. Working Phase
6. Commissioning Phase

Module 4 - Infection Control Risk Assessment (ICRA)

Overview: In this module, you'll learn about the importance of infection control during construction projects, how to identify and mitigate risks, implement key control measures, and follow essential IPAC protocols and standards. You'll also understand the critical need for collaboration between construction teams and IPAC professionals to maintain a safe environment for all occupants.

Learning Objectives:

By the end of this module, learners will be able to:

1. Explain the purpose and components of an Infection Control Risk Assessment (ICRA) in healthcare construction.
2. Identify and classify populations based on risk groups in healthcare construction projects.
3. Differentiate between construction activity types and their associated risks in a healthcare environment.
4. Identify how to analyze and recommend preventive measures based on the Preventive Measure Analysis (PMA) matrix.

Module Outline

1. Understanding the Work and Population Impact
2. What is an Infection Control Risk Assessment (ICRA)?
3. Population Risk Groups
4. Construction Activity Types
5. Preventive Measure Analysis (PMA)
6. Special Considerations: Mould and Asbestos

Module 5 - Case Scenarios

Overview: In this module, you'll learn about the importance of infection control during construction projects, how to identify and mitigate risks, implement key control measures, and follow essential IPAC protocols and standards. You'll also understand the critical need for collaboration between construction teams and IPAC professionals to maintain a safe environment for all occupants.

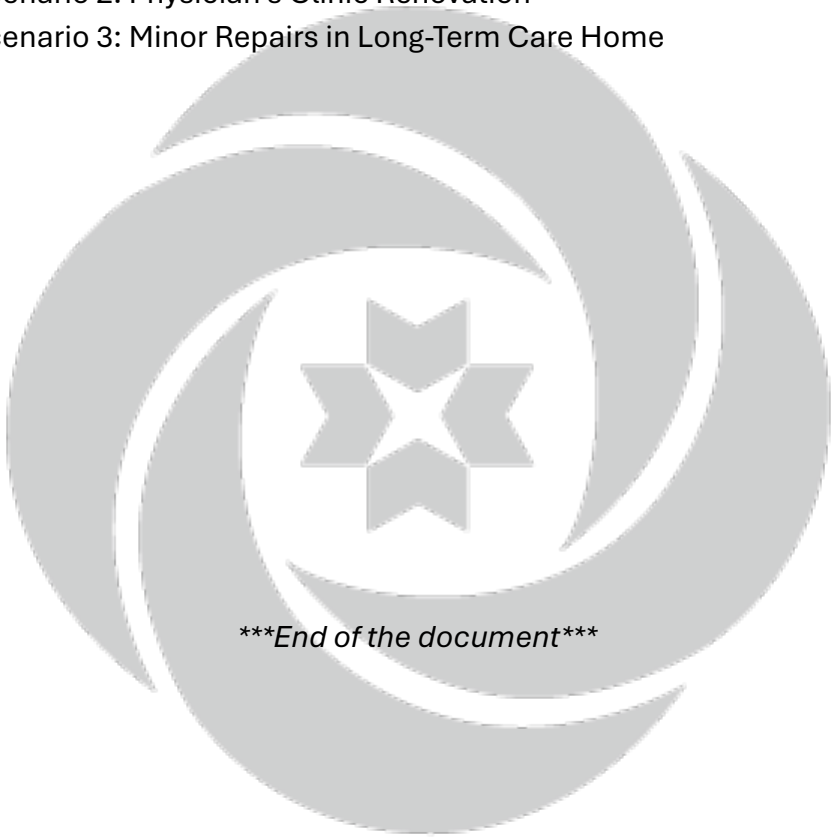
Learning Objectives:

By the end of this module, learners will be able to:

1. Identify the population risk group and construction activity type for various case scenarios.
2. Interpret the Population Risk Group and Construction Activity Type matrix to determine the required preventive measures
3. Recall and describe preventive measures appropriate for different case scenarios.
4. Summarize the Infection Control Risk Assessment (ICRA) process for construction activities in healthcare settings.

Module Outline:

1. Case Scenario 1: Hospital Cabling Project
2. Case Scenario 2: Physician's Clinic Renovation
3. Case Scenario 3: Minor Repairs in Long-Term Care Home



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