



# Pneumonia in LTC:

## Syllabus

## **Overview:**

Pneumonia remains one of the most common and serious infections affecting residents in long-term care (LTC) settings. Due to age-related decline, comorbidities, and the close-contact nature of care environments, LTC residents are especially vulnerable to pneumonia-related complications. This module provides learners with a comprehensive understanding of pneumonia, including its causes, types, modes of transmission, and clinical impact. It also differentiates between colonization and active infection—an essential distinction for effective care planning. Learners will explore the pathogens responsible for pneumonia and how they influence treatment approaches, as well as evidence-based strategies such as vaccination, aspiration prevention, and infection control practices. Emphasis is placed on the collaborative roles of clinical staff, support teams, and family communication in both managing and preventing pneumonia outbreaks. By the end of this module, LTC staff will be better prepared to reduce risks, respond quickly, and support resident recovery.

## **Learning Objectives:**

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

1. List the common risks and complications of pneumonia in long-term care settings
2. Recognize the key pathogens responsible for pneumonia and their influence on treatment decisions
3. Describe the difference between colonization and active infection
4. Describe various transmission pathways of pneumonia
5. Identify the key factors that make residents in long-term care more vulnerable to pneumonia
6. Recall evidence-based strategies, such as vaccinations, for preventing pneumonia in long-term care facilities

## **Module Outline**

1. What Do You Know About Pneumonia
2. What is Pneumonia?
3. Pneumonia in Long-Term Care
4. Morbidity & Mortality
5. Nosocomial Pneumonia
6. Community-Acquired Pneumonia
7. Causative Organisms
8. Bacterial Pathogens

9. Hospital-Associated Bacterial Pathogens
10. Viral Pathogens
11. Fungal Pathogens
12. Colonization vs. Infection
13. Increased Risk in Vulnerable Populations
14. Pneumonia Transmission Pathways
15. Healthcare Equipment and Pneumonia Spread
16. Risk Factors for Pneumonia in Long-Term Care
17. Prevention Strategies for Pneumonia in Long-Term Care
18. Prevention Strategies for Clinical Staff
19. Treatment Approaches
20. Antibiotic Therapy
21. Supportive Care
22. Nutritional Support
23. Aspiration Risk Management
24. Rehabilitation and Mobility
25. Communication with Families
26. Preventing Recurrence



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