

Measles in LTC:

Syllabus

Overview:

Measles is a highly contagious viral disease that poses a serious risk in long-term care (LTC) settings, particularly to residents with weakened immune systems. With cases on the rise globally and in healthcare environments, LTC staff need to understand the virus, its modes of transmission, and how to respond effectively to prevent outbreaks. This module equips learners with essential knowledge of measles characteristics, symptoms, incubation periods, and transmission mechanisms. It also emphasizes the importance of immunity, early detection, and prompt response. Staff across all roles—clinical, dietary, laundry, and environmental—will be guided through specific infection prevention and control strategies, including personal protective equipment (PPE), reporting protocols, environmental cleaning practices, and outbreak containment measures. By completing this module, learners will be better prepared to protect residents and themselves during a measles-related event in LTC homes.

Learning Objectives:

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

1. Identify the key characteristics of the Measles virus
2. List the signs and symptoms associated with a Measles infection
3. Describe the common types of exposure to and the incubation period of a Measles infection
4. Explain the mechanism of transmission for the Measles virus
5. Recognize the role of immunity in preventing the spread of Measles
6. Identify the key practices of PPE, reporting, and environmental cleaning to control a Measles outbreak

Module Outline

1. What Do You Know About Measles?
2. Measles (Rubeola)
3. Measles Cases on the Rise
4. The Threat of Measles in LTC Settings
5. Mechanisms of Measles Transmission
6. Airborne Droplets
7. Surface Contamination
8. Important Transmission Facts About Measles
9. Types of Immunity to Measles

10. Vaccine-Induced Immunity
11. Natural Immunity
12. Factors Affecting Immunity
13. Checking Immunity Status
14. Why Immunity Matters
15. Global Resurgence of Measles
16. The Impact of Vaccination Rates
17. Measles Outbreaks in Major Cities
18. Cost of Measles Outbreaks
19. Signs and Symptoms of Measles
20. Initial Symptoms of Measles
21. Koplik Spots - A Key Indicator
22. The Measles Rash
23. Early Detection in LTC Settings
24. Measles Incubation Period and Timeline
25. Measles Contagious Period
26. Immediate Actions if Measles is Suspected
27. Infection Control Protocols for Measles
28. The Four Moments of Hand Hygiene
29. Airborne Precautions
30. PPE Requirements
31. Donning Procedure
32. Doffing Procedure
33. Isolation and Visitor Restrictions
34. Staff Management
35. Contact Tracing
36. Dietary Staff
37. Clinical Staff
38. Laundry Staff
39. Environmental Staff

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