Unit 4222-265 Causes and spread of infection (IC 02)

Level: **2**
Credit value: **2**
UAN: **H/501/7103**

Unit aim
This unit is to enable the learner to understand the causes of infection and common illnesses that may result as a consequence. To understand the difference between both infection and colonisation and pathogenic and non pathogenic organisms, the areas of infection and the types caused by different organisms. In addition the learner will understand the methods of transmission, the conditions needed for organisms to grow, the ways infection enter the body and key factors that may lead to infection occurring.

Learning outcomes
There are **two** learning outcomes to this unit. The learner will:
1. Understand the causes of infection
2. Understand the transmission of infection

Guided learning hours
It is recommended that **20** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Details of the relationship between the unit and relevant national standards
There are some relationships between this unit and those of other standards such as Key Skills, Functional Skills and Skills for Life.
- Health and Social Care NVQ level 2 unit HCS22
- Health NVQ level 2 unit GEN 3
- Core dimension 3: Health, safety and security – Monitor and maintain health, safety and security of others
- Infection Control NOS

Support of the unit by a sector or other appropriate body
This unit is endorsed by Skills for Health

Assessment
This unit must be assessed in line with Skills for Care and Development's QCF Assessment Principles.

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Assessment Criteria

Outcome 1 Understand the causes of infection

The learner can:

1. identify the differences between bacteria, viruses, fungi and parasites
2. identify common illnesses and infections caused by bacteria, viruses, fungi and parasites
3. describe what is meant by “infection” and “colonisation”
4. explain what is meant by “systemic infection” and “localised infection”
5. identify poor practices that may lead to the spread of infection.

Outcome 2 Understand the transmission of infection

The learner can:

1. explain the conditions needed for the growth of micro-organisms
2. explain the ways an infective agent might enter the body
3. identify common sources of infection
4. explain how infective agents can be transmitted to a person
5. identify the key factors that will make it more likely that infection will occur.