

## Workbook : Infection Control.

This workbook has been designed to be used in conjunction with the course reading booklet. You are free to complete as few or as many of the tasks as you wish. The workbook can then be added to your CPD portfolio as evidence of your activity. It also provides room for you to reflect your thoughts in relation to this course and your learning experience.

### Self-assessment : Section 1. Principles of Infection Control.

1	Give a definition of a nosocomial infection.
2	Many epidemiological changes have influenced the incidence of HAI - give five examples.  1  2  3  4  5

3	What conditions are required for infection to occur ?
4	Name the common sources of infection.

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Discuss briefly how infection is transmitted, and give examples to illustrate your discussion.

6	What factors may make a host susceptible to infection?
7	What are the common points of entry for microorganisms ?

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Ten points have been cited as being part of 'standard precautions'. What are these ?

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9	Why has hand washing been given a high priority in the management of infection control ?
10	State the differences between hand washing technique using soap and water, and alcohol had rub.

11	When should protective clothing be worn, and what type is appropriate for use ?
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12	What measures should be taken to prevent the occurrence of sharps injury ?
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13.	What should you do if you sustain a sharps injury ?
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14.	How should clinical waste be managed ?
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15.	You notice a spillage on the floor of your clinic after treating a patient. You do not know what it is. How will you manage this?
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16.	What is the difference between decontamination, cleaning, and sterilisation ?
17.	Give a definition of 'disinfection'.
18.	What can limit the success of a chemical disinfectant ?

19.	What are the main methods of sterilisation ?
20.	What type of sterilisation is most suitable for your clinical practice, and why ?

Self-assessment : Section 2. Antibiotic Drugs.

1.	When was the first recorded use of synthetic antimicrobial drugs?
2.	What are the target site classes for antibiotic drugs, and give a specific example for each ? 1  2  3  4  5

3.	How do micro-organisms develop resistance to antibiotic drugs ?
4.	How is resistance spread between bacteria ?

5. For each of the following categories, give a brief discussion of that category, with a number of examples of specific drugs, and their clinical use.

Cell wall synthesis inhibitors :

**Protein synthesis inhibitors :**

Nucleic acid synthesis inhibitors :

## Reflection.

Take some time to think about the learning that you have completed using this course. Was it useful, was it interesting, was it applicable to your practice? Is there anything in particular you have gained from the course, and does it encourage you to alter your practice? Have you enjoyed it?

These are all questions you should ask yourself before you complete your reflective account below, as these are key points that you need to mention.

How much time have you spent completing this course?	
Did you complete the course on your own, or as part of a learning group?	

Your general reflective account :

Key Learning / Practice points (list up to 5) :

1.

2.

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4.

5.

If you feel you have any further comments to make about your learning, please use the space below.