



JOTHIKA K

has completed the following course:

ANTIMICROBIAL STEWARDSHIP: MANAGING ANTIBIOTIC RESISTANCE UNIVERSITY OF DUNDEE AND BSAC

This course introduced the concepts of hospital antimicrobial stewardship including: antibiotic resistance, programme development, measuring antibiotic use, emerging diagnostic strategies and behaviour change and how to relate and implement these in their own healthcare and geographical context.

6 weeks, 3 hours per week



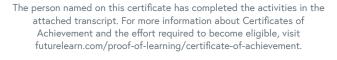
Programme Director & President of the British Society for Antimicrobial Chemotherapy, Infectious Disease Physician,
Ninewells Hospital and Medical School, NHS Tayside & University of





This course has been approved by The Royal College of Pathologists at a level of 18 credits.















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STUDY REQUIREMENT

6 weeks, 3 hours per week

LEARNING OUTCOMES

- Assess the threat of antibiotic resistance in the learner's location and to their practice
- Evaluate the effectiveness of using certain strategies/tools/interventions in antimicrobial stewardship to drive improvement in learner's location and practice
- Understand the value of measurement in antimicrobial stewardship: how to calculate DDDs and use Point Prevalence Surveys, have begun to determine how to use these in their location and practice to drive improvements in antibiotic prescribing
- Assess the value of novel diagnostics to clinical decision making for optimal antibiotic prescribing
- Understand the value of Behaviour Change Science to successful antimicrobial stewardship: by assessing issues around culture and context learners will explore how you can apply this evidence in their own setting
- Examples of successful antimicrobial stewardship implementation from across the globe will be provided and learners encouraged to assess the value of these for their own location and practice

SYLLABUS

- Antibiotic Resistance and its global impact
- The relationship between antibiotic resistance and prescribing
- What antimicrobial stewardship is and how it can be implemented in a hospital setting
- Why measurement is important in stewardship: how it can improve antibiotic prescribing
- How novel diagnostics can help in clinical decision making for antibiotic prescribing
- An understanding of the value of Behaviour Change Science to improve antibiotic prescribing
- Examples of successful antibiotic stewardship from across the globe

