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Certificate of Achievement

Niranjani Babu

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

Professor Dilip Nathwani, OBE
Programme Director & President of the British Society for Antimicrobial Chemotherapy, Infectious Disease Physician,
Ninewells Hospital and Medical School, NHS Tayside & University of Dundee.

University of Dundee

BRITISH SOCIETY FOR ANTIMICROBIAL CHEMOTHERAPY

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

RCPath CPD Approved

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

TRANSCRIPT

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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