

Contents

List of colour plates	<i>vii</i>
Foreword	<i>ix</i>
Preface	<i>xi</i>
Acknowledgements	<i>xii</i>

SECTION 1 Principles **1**

1 Introduction to microbiology	3
2 Understanding the microbiology laboratory	19
3 The epidemiology of infection and strategies for prevention	33
4 The immune system and the immunocompromised patient	65
5 A guide to antimicrobial chemotherapy	87
6 Micro-organisms and their control	119

SECTION 2 Practice **151**

7 Standard infection control precautions	153
8 Preventing wound infection	179

9 Preventing infection associated with intravascular therapy	199
10 Preventing infection associated with urethral catheters	215
11 Preventing infection of the respiratory tract	229
12 Preventing gastrointestinal infection	245
13 Cleaning, disinfection and sterilization	261
14 Management of the infectious patient	281
15 Ectoparasitic infections and environmental infestations	305
Glossary	315
Index	325
A colour plate section can be found between pages 132 and 133	