

Contents

1. Introduction to Healthcare-associated Infections	1
2. Structural Organization of an Infection Control Program	9
3. Major Healthcare-associated Infection Types	15
❑ Catheter-associated Urinary Tract Infection	15
❑ Catheter-related Bloodstream Infection	26
❑ Ventilator-associated Pneumonia	40
❑ Surgical Site Infections	53
4. Surveillance of Healthcare-associated Infections	70
❑ CDC NHSN Common Terminologies	74
❑ Catheter-associated Urinary Tract Infection Surveillance	80
❑ Central Line-associated Bloodstream Infection Surveillance	83
❑ Ventilator-associated Events and Pneumonia Surveillance	90
❑ Surgical-site Infection Surveillance	103
❑ Data Collection and Analysis	114
5. Standard Precautions-I: Hand Hygiene	121
6. Standard Precautions-II: Personal Protective Equipment	143
7. Transmission-based Precautions	155
8. Infection Control in Special Situations	172
❑ Infection Control in Dialysis Units	172
❑ Infection Control in Transplant Units	183
❑ Infection Control in Intensive Care Units	195
❑ Infection Control in Operation Theater	199
❑ Infection Control in Outpatient Setting	203
❑ Infection Control in Laboratory	206
❑ Infection Control in Blood Bank	212
❑ Infection Control in Burns Unit	216
❑ Infection Control for Tuberculosis	219
❑ Infection Control in <i>C. difficile</i> Infection	224
❑ Infection Control for Influenza	230
❑ Infection Control for Legionellosis	234
❑ Infection Control for Prion Contaminated Items	237
❑ Infection Control during a Bioterrorism Attack	242
❑ Infection Control for Viral Hemorrhagic Fever	244
❑ Infection Control Policy for after Death	250
9. Disinfection Policy	256
10. Central Sterile Supply Department	301
11. Environmental Surveillance	329
❑ Water Surveillance	330
❑ Air Surveillance	356
❑ Environmental Surface Surveillance	364

12. Screening for Multidrug-resistant Organisms	371
13. Infection Control in Laundry	382
14. Infection Control in Kitchen and Food Safety	390
15. Waste Management in Healthcare Facility	399
16. Staff Health Issues-I: Needle Stick Injury Management	432
17. Staff Health Issues-II: Work Restriction and Vaccination	450
18. Outbreak Investigation	461
19. Antimicrobial Stewardship	476
20. Infection Control Requirements for Accreditation	520
<i>Index</i>	<i>527</i>

INFECTION CONTROL AUDIT AND SURVEILLANCE FORMS

	Page No.
Form 1: Maintenance Care Bundle Audit Form for Devices	25
Form 2: Healthcare-associated Infection Surveillance Data Collection Form	116
Form 3: Healthcare-associated Infection Surveillance Reporting Form	117
Form 4: Daily Appraisal Form for Adult and Pediatric Units	118
Form 5: Daily Appraisal Form for Neonatal ICU	118
Form 6: Hand Hygiene Audit Form	132
Form 7: Checklist for Weekly and Monthly Environmental Cleaning	289
Form 8: Checklist for Equipment Cleaning	290
Form 9: Checklist for High-touch Surface Cleaning	291
Form 10: Biomedical Waste Segregation Audit Form at Ward (Direct Observation)	429
Form 11: Biomedical Waste Segregation Audit Form at Collection Center	429
Form 12: Format for Biomedical Waste Register/Record	430
Form 13: Needle Stick Injury Reporting Proforma	436
Form 14: Standard Case Report Form during an Outbreak Investigation	471
Form 15: Antimicrobial Stewardship Audit Form Used for Febrile Neutropenia	503