## Access to the Digital Tools in This Book

### Introduction

## Chapter 1 The Connection: Infection Prevention and Control and the Physical Environment

Infection Prevention and Control Standards and the Infection Prevention and Control Program

Planning for the Infection Prevention and Control Program

Evaluation and Improvement of the Infection Prevention and Control Plan

Infection Prevention and Control and Standards Related to the Physical Environment

Collaboration Among Infection Prevention and Control and Environmental Professionals

Touring the Physical Environment

Tracers for Infection Prevention and Control

Conclusion

References

Tool 1-1. Infection Prevention and Control Plan Assessment Checklist

Tool 1-2. Infection Prevention and Control Checklist for Tours of the Physical Environment

### Chapter 2 The Human Element: Staff and Infection Prevention and Control Compliance

Collaboration Made Easier

Guidelines for Hand Hygiene Compliance

Human Factors and Hand Hygiene

Physical Elements That Support Hand Hygiene

Human Error and Sharps Management

Human Nature and Staff Training and Competency

Conclusion

# References

Tool 2-1. Physical Environment Elements That Support Hand Hygiene Assessment Checklist

Tool 2-2. Sharps Risk Assessment Worksheet

# **Chapter 3 Construction Projects: Infection Prevention and Control Considerations**

Infection Prevention and Control Regulations for Construction Projects Construction Project Collaboration Design Elements for Infection Prevention and Control Sustainable Design and Infection Prevention and Control Infection Prevention and Control Risk Assessments Infection Prevention and Control During Construction Infection Prevention and Control After Construction Conclusion References Tool 3-1. Infection Control Risk Assessment for Hospital Construction and Renovation Tool 3-2. Preoccupancy Infection Prevention and Control Checklist for Construction Projects

# Chapter 4 Medical Equipment: Reprocessing for Infection Prevention and Control

Key Terms	
A Systematic Approach to Reprocessing	
Disinfecting Noncritical Medical Devices	
Sterilization	
Monitoring Sterilization	
Central Processing	
Reprocessing Semicritical and Critical Surgical and Procedural Equipment and Instruments	
Collaboration in Reprocessing	
Conclusion	
References	
Tool 4-1. Assessment of Item for Reprocessing	

## Tool 4-2. Low-Level Disinfection of Noncritical Items

### Tool 4-3. Management of Used Patient-Care Equipment and Instruments

Tool 4-4. Endoscope Reprocessing Checklist

- Tool 4-5. Sample Checklist for Assessing Competency of Central Processing Staff
- Tool 4-6. Sample Alternative Equipment Maintenance Program Evaluation Checklist

### Chapter 5 Utility Systems: Infection Prevention and Control Concerns

Infection Prevention and Control Regulations for Utility Systems

Infection Prevention and Control and HVAC Systems

Infection Prevention and Control and HVAC Systems Maintenance

Other Options: New Technologies and Sustainable Approaches

Infection Prevention and Control and Water Distribution Systems

Legionella

Mold

Conclusion

References

Tool 5-1. Indoor Air Quality Staff Responsibility Checklist

Tool 5-2. Waterborne Pathogen Prevention Checklist

Tool 5-3. Legionella Sample Data Sheet

Chapter 6 Environmental Services and Medical Waste Disposal: Infection Prevention and Control Issues

Housekeeping and Infection Prevention and Control

Regulated Medical Waste Disposal and Infection Prevention and Control

Laundry Operations and Infection Prevention and Control

Regulated Medical Waste Disposal and Infection Prevention and Control

Conclusion

References

Tool 6-1. Checklist for Infection Prevention and Control in Housekeeping Activities

Tool 6-2. Daily Patient Room Cleaning Procedure Checklist

Tool 6-3. Laundry Practices Infection Prevention and Control Assessment Checklist

## Chapter 7 Planning for and Managing Infectious Disease Emergencies and Disasters

The Emergency Operations Plan/Emergency Management Plan

Flood Mitigation Measures

Flood Preparedness and Response

Infectious Patient Surges

Environmental Considerations for Infectious Disease Outbreaks

Decontamination

**Decontamination Facilities** 

Conclusion

References

Tool 7-1. Emergency Operations Plan/Emergency Management Plan Evaluation Checklist

Tool 7-2. Checklist for Safe Reopening of Health Care Facilities After an Emergency

Tool 7-3. Infectious Patient Surge Checklist

Tool 7-4. Organizational Assessment for Influenza Preparedness

Tool 7-5. Organizational Assessment for Pandemic Preparedness

Tool 7-6. Infectious Disease Response Assessment Checklist

Tool 7-7. Personal Protective Equipment Direct Observation Checklist