

<b>Title</b>	<b>Infection Prevention and Control Professional Diploma</b>
<b>Location</b>	JET Platform (ZOOM)
<b>activity of Type</b>	<b>Professional Development diploma</b>
<b>Date</b>	<b>starting from June, 5 2024</b>
<b>Summary of need assessment</b>	<p>Based on recent changes and updates in the area of infection prevention and control and the emergence of life-threatening infections highlighted the need for efficient infection control and prevention measures in all healthcare settings and for the healthcare providers so they can implement them. especially in the emergence of many epidemics and pandemics such as COVID-19, measles, cholera, and others. This course can prepare employees to adapt to updated trends in infection prevention procedures and tools, ensuring that the healthcare institution remains advanced in-patient safety, disease prevention, and protection of health workers, visitors, and the community from the risk of infection.</p> <p>From here it clearly appears that there is a great demand for training courses, directed towards enhancing and improving infection prevention and control procedures within all healthcare facilities.</p> <p>On the other hand, as part of continuing professional development, healthcare providers expressed their desire to learn the latest updates in infection prevention and control concepts to develop their careers, as it is consistent with the national vision of raising healthcare standards in general.</p> <p>Finally, to fulfill the standards for accreditation of national health care institutions, which require health workers to take infection prevention and control courses.</p>
<b>Target Audience</b>	<b>For all healthcare workers, including physicians, clinical pharmacists, pharmacists, allied HCWs, nurses, and Dentists</b>
<b>General Goal</b>	<b>The aim of the course is to equip trainers with the necessary knowledge related to etiology of infections, mode of transmission, standard precautions and how to help Infection prevention personnel, health care providers and supervisors of health care facilities, develop or strengthen their ability to protect themselves, their clients, and members of the surrounding community from infections</b>
<b>Objectives</b>	<ol style="list-style-type: none"> <li><b>1. Identify the risk of transmitting infections to clients, health care workers, and the community via the health care setting.</b></li> <li><b>2. Explain the importance of infection prevention in a healthcare facility.</b></li> <li><b>3. Explain the internationally accepted, low-tech approaches for reducing the risk of infections.</b></li> <li><b>4. Identify who is at risk of infections in the health care setting.</b></li> <li><b>5. Describe the six components of the disease-transmission cycle.</b></li> </ol>

	<ol style="list-style-type: none"> <li>6. Explain how infections are transmitted among clients, healthcare workers, and the community via the healthcare setting.</li> <li>7. Explain what standard precautions and transmission-based precautions are.</li> <li>8. Explain the importance of hand hygiene in infection prevention.</li> <li>9. List the appropriate times to wash hands in a healthcare facility.</li> <li>10. Explain the six kinds of hand hygiene and when each is performed.</li> <li>11. Describe the three kinds of gloves and when each is used in a health care facility.</li> <li>12. Define and differentiate between antiseptics and disinfectants.</li> <li>13. List common uses of antiseptics and disinfectants.</li> <li>14. Identify ways to protect antiseptics and disinfectants from contamination.</li> <li>15. Explain the general concept of aseptic technique for preventing infections during clinical procedures.</li> <li>16. List the situations in which it is necessary to wear surgical attire and describe how surgical attire protects clients and service providers.</li> <li>17. Describe ways to properly prepare a client for clinical procedures.</li> <li>18. Explain the importance of establishing and maintaining a sterile field and describe how to do so.</li> <li>19. Explain the advantages and disadvantages of using prophylactic antibiotics.</li> <li>20. List different vaccines that health workers should receive.</li> <li>21. List ways that healthcare workers can become injured by sharps</li> <li>22. Explain the immediate post-exposure intervention for needle stick injuries.</li> <li>23. Define the following steps of processing instruments and other items: decontamination &amp; cleaning, sterilization, and high-level disinfection.</li> <li>24. Explain the proper way to clean instruments.</li> <li>25. Explain the steps of steam, dry-heat, and chemical sterilization, including proper storage of sterilized instruments and other items.</li> <li>26. Describe how to monitor the effectiveness of sterilization.</li> <li>27. Explain the steps of high-level disinfection "HLD" by boiling, use of chemicals, and steaming.</li> <li>28. Explain what housekeeping means in healthcare facilities and what its purpose is.</li> <li>29. Explain why fumigation and the use of UV light are inappropriate housekeeping practices.</li> <li>30. Differentiate between general and hazardous wastes.</li> <li>31. Explain the following aspects of waste management: sorting, handling, storing, transporting and disposal</li> </ol>
<p><b>Criteria for awarding activity</b></p>	<p>An Accredited certificate of completion will be issued when the participant has successfully completed all the training program requirements.</p> <ul style="list-style-type: none"> <li>• Complete all module successfully.</li> <li>• Attendance 75 % of the training days</li> </ul>

<b>certificate</b>	<ul style="list-style-type: none"><li>• <b>Post test score 80% and more.</b></li><li>• <b>Complete the evaluation form</b></li></ul>
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# Professional Diploma

## Infection Prevention and Medical Waste Management

Time	Session	presenter	Time
<b>Module 1 : Introduction to Infection Prevention</b>			
Day 1	registration	<i>Moh'd Hawamdeh</i>	
	Welcome meeting		
	<b>Session 1:</b> Pre-Test		30
	<b>Session 2:</b> Workshop Overview		20
	<b>Session 3:</b> General principles of infection control		90
	<b>Session 4:</b> Epidemiology of Hospital Infections		90
	<b>Session 5:</b> Infection chain		70
<b>Module 2: Basic infection control measures</b>			
Day 2	<b>Session 1:</b> Standard precaution	<i>Moh'd Hawamdeh</i>	90
	<b>Session 2:</b> Transmission Based precautions		90
	<b>Session 3:</b> Transmission Based precautions		120
<b>Module 3: Hand hygiene guidelines &amp; PPE's</b>			
Day 3	<b>Session 1:</b> History of Hand hygiene	<i>Moh'd Hawamdeh</i>	30
	<b>Session 2:</b> Importance of Hand hygiene		70
	<b>Session 3:</b> Types of Hand hygiene		70
	<b>Session 4:</b> Hand hygiene KPI		90
	<b>Session 5:</b> uses of PPE		40
	<b>Session 6:</b> Types & uses of gloves		30
<b>Module 4: Antiseptics and disinfectants</b>			
Day 4	<b>Session 1:</b> Antiseptics vs disinfectants	<i>Moh'd Hawamdeh</i>	120
	<b>Session 2:</b> types Antiseptics and disinfectants		120
	<b>Session 3:</b> Product Evaluation		60
<b>Module 5: Employee Health</b>			
Day 5	<b>Session 1:</b> Employee Health program	<i>Moh'd Hawamdeh</i>	60
	<b>Session 2:</b> Health care workers Vaccination		60
	<b>Session 3:</b> Safety injection		60
	<b>Session 4:</b> Handling and disposal of Sharps		60
	<b>Session 5:</b> Post exposure Interventions		60

<b>Module 6: Quality Management</b>			
Day 6	Session 1: The infection control requirements of the accreditation	<b>Moh'd Hawamdeh</b>	60
	<b>HCAC Hospital standards + HCAC PHC standards</b>		60
	Session 2: The IPC program		60
	Session 3: Investigation of an Outbreak In HCF		60
	Session 4: Developing Policies & Procedures		60
<b>Module 7: Risk Management</b>			
Day 7	Session 1: Risk Assessment	<b>Eyad Mherat</b>	120
	Session 2: Quality Concepts and KPI's		110
	Session 3: Develop an action plan		70
<b>Module 8: Surveillance &amp; Data Collection</b>			
Day 8	Session 1: Surveillance Process	<b>DR. Zakaria Abdulraheem</b>	60
	Session 2: Develop and maintain continuous surveillance		60
	Session 3: Central Line Associated Blood Stream Infections (CLABSI)		45
	Session 4: Catheter Associated Urinary Tract Infection (CAUTI)		45
	Session 5: Surgical Site Infection (SSI)		45
	Session 6: Ventilator Associated Pneumonia (VAP)		45
<b>Module 9: Basics of Microbiology in Health Care Facilities</b>			
Day 9	Session 1: Clinical microbiology	<b>Ghia Wahdani</b> <b>Rima Elsamarneh</b>	60
	Session 2: Gram staining		60
	Session 3: Sample collection and rejection		60
	Session 4: AMR / MDRO		60
	Session 5: Antibiogram		60
<b>Module 10: Aseptic Techniques</b>			
Day 10	Session 1: Venous Access Devices	<b>Dr. Amani Romman</b>	75

	<b>Session 2:</b> Folly's Catheter insertion	<b>Moh'd Hawamdeh</b>	75
	<b>Session 3:</b> Prevention of Surgical site infection		75
	<b>Session 4:</b> Infection Prevention for Immunocompromised Patients		75
<b>Module 11: General Cleaning Strategies for Patient-Care Areas</b>			
Day 11	<b>Session 1:</b> Infection Control Measures at Construction	<b>Moh'd Hawamdeh</b>	60
	<b>Session 2:</b> housekeeping		60
	<b>Session 3:</b> Environmental Swab culture		60
	<b>Session 4:</b> Monitoring of cleaning process		60
	<b>Session 5:</b> Management of spill		60
<b>Module 12: Infection control in specific healthcare settings</b>			
Day 12	<b>Session 1:</b> I. control measures at Operating Theater	<b>Participants presentations</b>	75
	<b>Session 2:</b> I. control measures at Emergency Room		75
	<b>Session 3:</b> I. control measures at Dialysis unit		75
	<b>Session 4:</b> Infection control measures at ICU		75
Day 13	<b>Session 1:</b> Infection control measures at NICU	<b>Participants presentations</b>	75
	<b>Session 2:</b> I. control measures at Dental Clinic		75
	<b>Session 3:</b> I. control measures at Hospital Kitchen		75
	<b>Session 4:</b> Infection control measures at Laundry		75
<b>Module 13: Central Sterilization</b>			
Day 14	<b>Session 1:</b> History of sterilization and disinfectant	<b>Moh, d Hawamdeh</b>	80
	<b>Session 2:</b> Definitions-CSSD		110
	<b>Session 3:</b> Quality management Accreditation		110
Day 15	<b>Session 1:</b> Designation of CSSD	<b>Moh, d Hawamdeh</b>	75
	<b>Session 2:</b> equipment of dirty area		75
	<b>Session 3:</b> Equipment of clean area		75
	<b>Session 4:</b> Cleaning process		75
Day 16	<b>Session 1:</b> Spaulding Classification	<b>Moh, d Hawamdeh</b>	75
	<b>Session 2:</b> Low, moderate & high-level Disinfection		75
	<b>Session 3:</b> Packaging and preparation of Sterile Products		75

	<b>Session 4:</b> Wrapping Materials		75
Day 17	<b>Session 1:</b> Methods of sterilization		80
	<b>Session 2:</b> Steam Sterilization		110
	<b>Session 3:</b> Inside the autoclave		110
Day 18	<b>Session 1:</b> Ethylene Oxide Sterilization		100
	<b>Session 2:</b> LTFS " formalin " Sterilization	<i>Moh, d Hawamdeh</i>	100
	<b>Session 3:</b> H2O2 Plasma Sterilization		100
Day 19	<b>Session 1:</b> Quality control in CSSD		75
	<b>Session 2:</b> Quality control types	75	
	<b>Session 3:</b> distribution of sterile Items	75	
	<b>Session 4:</b> Storage of sterile Items	75	
<b>Module 14: Medical Waste Management</b>			
Day 20	<b>Session 1:</b> Introduction	<i>Moh, d Hawamdeh</i>	75
	<b>Session 2:</b> Definitions		75
	<b>Session 3:</b> Medical Waste management		75
	<b>Session 4:</b> Medical Waste Segregation <ul style="list-style-type: none"> <li>• Non-Hazardous waste</li> <li>• Hazardous waste</li> </ul>		75
Day 21	<b>Session 1:</b> Medical Waste Segregation	<i>Moh, d Hawamdeh</i>	75
	<b>Session 2:</b> Medical Waste Minimization		75
	<b>Session 3:</b> Medical Waste Treatment options		75
	<b>Session 4:</b> Medical Waste final disposal		75
<b>Evaluation</b>			
<b>Final Exam</b>			