

The following definitions have been developed to assist with the implementation of elements of the CDC ICAR assessment tools related to infection prevention competency, training, auditing and feedback.

Healthcare Personnel Infection Prevention (IP) Competency: The proven ability to apply essential knowledge, skills, and abilities to prevent the transmission of pathogens during the provision of care.

Healthcare Personnel IP Competency-Based Training: The provision of job-specific education, training, and assessment to ensure that healthcare personnel possess IP competency.

Competency Assessment: The verification of IP competency through the use of knowledge-based testing and direct observation. If direct observation is not included as part of a competency assessment, an alternative method to ensure that healthcare personnel possess essential knowledge, skills, and abilities should be used.

Audit: Direct observation or monitoring of healthcare personnel adherence to job-specific IP measures.

Feedback: A summary of audit findings that is used to target performance improvement.

Example Resources	Websites
General Infection Control – Multiple Domains	
Centers for Medicare & Medicaid Services (CMS) Infection Control Worksheet Audit tools are available for each of the domains, from CMS	https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/Downloads/Survey-and-Cert-Letter-15-12-Attachment-1.pdf
Hand Hygiene	
Hand Hygiene and Gloving Competency Assessment Quiz about hand hygiene and gloving practices that aligns with CDC and World Health Organization (WHO) guidelines, from Colorado Department of Public Health and Environment and partners	https://www.colorado.gov/pacific/sites/default/files/DC_CD_HAI-Hand-Hygiene-and-Gloving-Competency-Assessment-Tool.pdf
Hand Hygiene Competency Validation Competency validation for soap and water, and use of alcohol based hand rub, from North Carolina Statewide Program for Infection Control and Epidemiology (SPICE)	https://spice.unc.edu/files/2016/10/Hand-Hygiene-Competency-SPICE.pdf
iScrub Lite – iPhone/iPod Touch App Digital application for recording hand hygiene observations and use of personal protective equipment (PPE), from the University of Iowa	http://compepi.cs.uiowa.edu/iscrub/
Hemodialysis Hand Hygiene Observations Audit tool for hand hygiene in the dialysis setting, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Hemodialysis-Hand-Hygiene-Observations.pdf
WHO Hand Hygiene Observation Form Forms for collecting hand hygiene observations in facilities that have adopted World Health Organization (WHO) hand hygiene guidelines, from World Health Organization (WHO)	http://www.who.int/entity/gpsc/5may/Observation_Form.doc?ua=1
Hand Hygiene Observation Tool Audit tool for recording healthcare personnel adherence to hand hygiene, from Park Nicollet Methodist Hospital, in partnership with the Minnesota Hospital Association	http://www.mnhospitals.org/Portals/0/Documents/ptsafety/ControllingCDI/5b_Controlling%20CDI%20Park%20Nicollet%20Methodist%20Hospital%20Hand%20Hygiene%20Auditing%20Tool.pdf
Hand Hygiene/Contact Precautions Monitoring Tool Monitoring tool for recording healthcare personnel adherence to hand hygiene and contact precautions, from United Hospital, in partnership with the Minnesota Hospital Association	http://www.mnhospitals.org/Portals/0/Documents/ptsafety/ControllingCDI/5a_Controlling%20CDI%20-%20United%20Hospital%20Hand%20Hygiene%20AuditingTool.pdf
Measuring Hand Hygiene Adherence: Overcoming the Challenges Comprehensive manual about hand hygiene programs, including examples of measurement tools starting on pg. 129, from The Joint Commission and partners	http://www.jointcommission.org/assets/1/18/hh_monograph.pdf
Personal Protective Equipment	
Contact Isolation Skills Competency Checklist	http://www.aanac.org/docs/2015-ltc-leader/n-

Competency assessment checklist for donning and doffing gowns and gloves for contact isolation precautions, from the American Association of Nurse Assessment Coordination	coley_capstonefinal.pdf?sfvrsn=2
Personal Protective Equipment Competency Validation Donning and Doffing PPE for Standard and Transmission Based Precautions, from North Carolina Statewide Program for Infection Control and Epidemiology (SPICE)	https://spice.unc.edu/files/2016/10/PPE-Competency-SPICE.pdf
Hand Hygiene/Contact Precautions Monitoring Tool Monitoring tool for recording healthcare personnel adherence to hand hygiene and contact precautions, from United Hospital, in partnership with the Minnesota Hospital Association	http://www.mnhospitals.org/Portals/0/Documents/ptsafety/ControllingCDI/5a_Controlling%20CDI-%20-%20%20United%20Hospital%20Hand%20Hygiene%20AuditingTool.pdf
Contact Isolation Skills Competency Checklist Competency assessment checklist for donning and doffing PPE and contact isolation precautions, from the American Association of Nurse Assessment Coordination	http://www.aanac.org/docs/2015-ltc-leader/n-coley_capstonefinal.pdf?sfvrsn=2
Urinary Catheter Insertion	
Streamlined Evidence-Based RN Tool Nurse-driven indwelling urinary catheter tool, including insertion checklist and bladder scan protocol, from the American Nurses Association	http://www.nursingworld.org/MainMenuCategories/ThePracticeofProfessionalNursing/Improving-Your-Practice/ANA-CAUTI-Prevention-Tool/ANA-CAUTI-Prevention-Tool.pdf
Urinary Catheter Insertion Checklist Checklist of best practices for Foley insertion, reprinted by the Pennsylvania Patient Safety Authority with permission from Doylestown Hospital	http://patientsafetyauthority.org/EducationalTools/PatientSafetyTools/cauti/Documents/insert_checklist.pdf
Female Insertion Audit Checklist Checklist of critical behaviors for use in auditing insertion practices in FEMALE urinary catheterization, reprinted by the Pennsylvania Patient Safety Authority with permission from Doylestown Hospital	http://patientsafetyauthority.org/EducationalTools/PatientSafetyTools/cauti/Documents/f_checklist.pdf
Male Insertion Audit Checklist Checklist of critical behaviors for use in auditing insertion practices in MALE urinary catheterization, reprinted by the Pennsylvania Patient Safety Authority with permission from Doylestown Hospital	http://patientsafetyauthority.org/EducationalTools/PatientSafetyTools/cauti/Documents/m_checklist.pdf
Urinary Catheter Maintenance	
Urinary Catheter Audit Form Checklist (pg. 1) to collect data on appropriate catheter maintenance during facility/unit audits, from Saint Patrick Hospital and Health Science Center and the Institute for Healthcare Improvement (Requires registration and log in)	Urinary Tract Infection Bundle Compliance Audit Tool
Central Line Insertion	
Checklist for the Prevention of Central Line Associated Bloodstream Infections A checklist of critical behaviors related to insertion, maintenance, and removal of central lines, from CDC	http://www.cdc.gov/hai/pdfs/bsi/checklist-for-clabsi.pdf

BJC Vascular Catheter Insertion Checklist A checklist for central line insertion, from BJC Healthcare	http://www.jointcommission.org/assets/1/6/CLABSI_Toolkit_Tool_3-16_BJC_Vascular_Catheter_Insertion_Cklist_Final.pdf
Central Line Insertion Standard Work and Safety Checklist A checklist for central line insertion, from Kaiser Permanente	http://www.hqinstitute.org/sites/main/files/file-attachments/2.clabsi_kp_central_line_safety_checklist.doc
Johns Hopkins Hospital Central Line Insertion Checklist A central line insertion checklist, from The Johns Hopkins Hospital	https://cdn.community360.net/app/jh/csts/clabsi/JHH_VAD_Appendix_C_Central_Line_Checklist.pdf
Central Line Insertion Care Team Checklist A central line insertion checklist, from the Agency for Healthcare Research and Quality	http://www.ahrq.gov/professionals/quality-patient-safety/patient-safety-resources/resources/cli-checklist/index.html
Central Line Maintenance	
Daily Central Line Maintenance Checklist A checklist to audit central line maintenance, from The Joint Commission	http://www.jointcommission.org/assets/1/6/CLABSI_Toolkit_Tool_3-23_Daily_Central_Line_Maintenance_Checklist_-_Template.pdf
Nursing Practice Observation Audit Form An audit form to collect observations when healthcare personnel are changing central line dressings, from the University of Rochester	https://www.urmc.rochester.edu/medialibraries/urmcmedia/community-health/research/communicable-disease-surveillance/healthcare-associated-infections/documents/nursingpracticeaudit.pdf
Ventilator Associated Event (VAE) Prevention	
VAP Weekly Rounding Form An audit tool to measure compliance with oral care, elevation of head of bed, subglottic suctioning, and spontaneous breathing trials, from John Hopkins Medicine	http://www.hopkinsmedicine.org/heic/docs/VAP_prevention_audit_tool.pdf
Ventilator Bundle Audit Form An audit tool to measure adherence to elevation of head of bed, stress ulcer prophylaxis, DVT prophylaxis, readiness to wean and daily spontaneous breathing trials, from the Florida Professionals in Infection Control	http://www.infectionpreventiontools.com/tools-and-resources/doc_details/85-ventilator-bundle-audit-form
Injection Safety	
Injection Safety Checklist A checklist to systematically assess adherence of healthcare personnel to safe injection practices, from CDC	http://www.cdc.gov/injectionsafety/PDF/SIPC_Checklist.pdf
Environmental Cleaning	
Options for Evaluating Environmental Cleaning Elements of programs to assess environmental cleaning processes, including CDC Environmental Checklist for Monitoring Terminal Cleaning and spreadsheet for data entry and scoring, from CDC	http://www.cdc.gov/hai/toolkits/Evaluating-Environmental-Cleaning.html
Device Reprocessing – Competencies must be specific to equipment and consistent with manufacturers’ instructions for use.	

Outpatient Hemodialysis	
Checklist: AV Fistula Graft Cannulation A checklist for use when cannulating an AV fistula graft, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/AV-Fistula-Graft-Cannulation-Observations.pdf
Checklist: AV Fistula Graft Decannulation A checklist for use when decannulating an AV fistula graft, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/AV-Fistula-Graft-Decannulation-Observations.pdf
Audit Tool: AV Fistula Graft Cannulation and Decannulation Audit tool for use when conducting observation of AV fistula graft cannulation and Decannulation, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/AV-Fistula-Graft-Can-Decannulation-Observations-AT.pdf
Checklist: Hemodialysis Catheter Connection A checklist to be used during hemodialysis catheter connection, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Catheter-Connection-Disconnection-Observations.pdf
Checklist: Hemodialysis Catheter Disconnection A checklist to be used during hemodialysis catheter disconnection, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/CL-Hemodialysis-Catheter-Disconnection-508.pdf
Audit Tool: Hemodialysis Catheter Connection and Disconnection Audit tool to measure adherence to hand hygiene, gloving and masking when connecting and disconnecting hemodialysis catheters, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Catheter-Connection-Disconnection-Observations.pdf
Checklist: Hemodialysis Catheter Exit Site Care A checklist for use when performing hemodialysis catheter site exit care, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/CL-Hemodialysis-Catheter-Exit-Site-Care-508.pdf
Audit Tool: Hemodialysis Catheter Exit Site Care Audit tool for use when conducting observations of hemodialysis catheter exit site care, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Catheter-Exit-Site-Care-Observations.pdf
Checklist: Hemodialysis Medication Preparation A checklist to be used when preparing medications in the outpatient dialysis setting, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Hemodialysis-InjectionSafety-Checklist.pdf
Checklist: Hemodialysis Medication Administration A checklist for use when medications are administered in the outpatient dialysis setting, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Hemodialysis-InjectionSafetyAdmin-Checklist.pdf
Audit Tool: Hemodialysis Injectable Medication Preparation and Administration Audit tool for use when observing injection safety practices in the outpatient dialysis setting, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Hemodialysis-InjectionSafety-Observations.pdf
Checklist: Dialysis Station Routine Disinfection A checklist for use during routine disinfection of dialysis stations, from CDC	https://www.cdc.gov/dialysis/PDFs/collaborative/Env_checklist-508.pdf
Audit Tool: Dialysis Station Routine Disinfection Audit tool for use when conducting observations of dialysis station routine disinfection, from CDC	https://www.cdc.gov/dialysis/PDFs/dialysis-Station-Disinfect-Tool-508.pdf

