



INFECTION PREVENTION CONTROL

DOMAIN 1 – CLINICAL PRACTICE

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Below are the competence statements within the Clinical Practice Domain. The competence statements have been structured to focus on the expected practice, knowledge, understanding and skills of an individual who is practicing at an advanced level in Infection Prevention and Control.

Use the rating scale below to help you assess yourself against the competency statement.

- LD** - I need a lot of development
- SD** - I need some development
- WD** - I am well developed
- NA** - Is not applicable to my role

! You may find it helpful to discuss the competence statements with one of your peers before you begin your assessment

1.1 COMPETENCY AREA

Improve quality and safety by developing and implementing robust, high-quality policies and guidelines that prevent and control infection.

This competence relates to the following dimensions and levels within the NHS KSF:

- Core 4 Service improvement Level 4
- HWB3 Protection of health and wellbeing Level 4

PRACTICE		LD	SD	WD	NA
1.	Provide guidance for those working in all areas of health and social-care practice through critically analysing and interpreting national quality and safety resources and initiatives and presenting the information in a way that is suitable for the people involved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Evaluate the effectiveness of existing policies, guidelines and identify areas for improvement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Promote evidence-based improvements in policies and guidelines through demonstrating their value in terms of safety and quality in the context concerned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Work in partnership with individuals, the population and colleagues to develop clear and robust policies and guidelines that prevent and control infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Work in partnership with others to plan the effective implementation of policies and guidelines to prevent and control infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Provide expert advisory support for the implementation of policies and guidelines to prevent and control infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Monitor the implementation of infection prevention and control policies and guidelines, taking any corrective actions as and when necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Identify the need for improvements in infection prevention and control policies and guidelines in the light of implementation and the changing knowledge base and evidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Provide expert infection prevention and control input to the development of broader policies and guidelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Policy development skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Applied microbiology in relation to the chain of infection and the infection process, alert micro-organisms and conditions, body defence mechanisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	The significance of microbiological results, interpreting the diagnostic laboratory results, practices designed to break the chain of infection, including standard and transmission-based precautions including the placement of populations and individuals in care settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Hand hygiene (including social hand hygiene, antiseptic hand hygiene, surgical scrub)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Safe management of invasive devices and prevention of device-related infections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Asepsis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Antimicrobial stewardship – prudent prescribing of antimicrobials and the surveillance of antimicrobial-resistant organisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g.	Aligning infection prevention and control with the quality and safety agenda (using outcomes, risk assessment matrix, programmes and systems) and making use of health information exchange systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h.	Legislation, national guidance and outcomes/indicators related to preventing and controlling infection in health and social-care environments and facilities (including ventilation, water sources, waste management, hygiene, isolation facilities, laundry management, food hygiene)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i.	Legislation, national guidance and outcomes/indicators related to preventing and controlling infection for individuals and populations in health and social-care environments and facilities (for example, communicable disease control; immunisation; prevention and management of injuries(including sharps); post-exposure prophylaxis; specific controls in specialist areas such as burns, critical care, renal and transplant, maternity, neonatal, children, operating rooms, mental health, dentistry and ambulance services)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j.	The evidence base on which infection prevention and control policies should be based	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k.	Knowledge of national and organisational strategies, objectives, structure and accountability and how to present information in a manner that fits within the strategic context	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.2 COMPETENCY AREA

Collate, analyse and communicate data relating to preventing and controlling infection for surveillance purposes

This competence relates to the following dimensions and levels within the NHS KSF:

- **HWB3 Protection of health and wellbeing Level 4**
- **IK2 Information collection and analysis Level 3**

PRACTICE		LD	SD	WD	NA
1.	Obtain and link data using appropriate methods and systems for the surveillance of infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Structure and analyse the data correctly to identify patterns, trends and anomalies that may be significant in relation to preventing and controlling infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Critically assess the strengths and limitations of the data using methods of analysis that are appropriate to the nature and form of the data and the purpose for which the results are to be used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Identify areas that might require further investigation or analysis in relation to potential risks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Analyse potential risks and reach conclusions appropriate to the risks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Critically assess the conclusions reached, identifying the strengths and limitations of the analysis undertaken	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Act upon the risks identified, communicating them effectively to the appropriate people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Enable health and social-care staff to understand the data and make the necessary changes to achieve improved outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Take the appropriate action when surveillance methods and data can be improved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Applied microbiology in relation to the chain of infection and the infection process, alert micro-organisms and conditions, body defence mechanisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	The significance of microbiological results, interpreting the diagnostic laboratory results and practices designed to break the chain of infection, including standard and transmission-based precautions including the placement of populations and individuals in care settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Definitions, methods and types of surveillance, data handling, data analysis, interpreting outcomes, assessing limitations of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Epidemiology, descriptive and applied (that is, the application and evaluation of epidemiologic discoveries and methods in public health and health and social-care settings, including applications of aetiological research, priority setting and evaluation of programmes, policies and services)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Principles of epidemiology, incidence, prevalence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Principles of statistics and variation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g.	Feedback and reporting mechanisms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.3 COMPETENCY AREA

Manage incidents and outbreaks

This competence relates to the following dimensions and levels within the NHS KSF:

- **HWB3 Protection of health and wellbeing Level 4**

PRACTICE		LD	SD	WD	NA
1.	Assess the information available on the incident/outbreak and seek any necessary further evidence to establish its nature and scale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Establish the appropriate response using local incident/outbreak/emergency planning guides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Inform and involve relevant colleagues and partner organisations in a timely manner consistent with incident or emergency plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Facilitate the development of an outbreak/incident management team, ensuring that the appropriate organisations and functions are represented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Communicate clear, accurate and timely information with colleagues, partner organisations and others throughout the incident in a manner that effectively manages risk and supports effective team working	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Establish agreement on the control measures to be taken to minimise exposure to hazards and to reduce risks and prevent secondary or further spread or exposures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Review the availability of resources to implement the control measures throughout the duration of the incident/outbreak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Ensure accurate records of the investigation and management of the incident/outbreak are maintained throughout the process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Lead review of the investigation and management of the incident/outbreak and modify measures as a result	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Produce a final report of the incident/outbreak and communicate it to all concerned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Evaluate the incident/outbreak and make recommendations for future improvement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Alert micro-organisms, baseline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	Defining and recognising outbreaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Definitions, methods and types of surveillance, data handling, data analysis, interpreting outcomes, assessing limitations of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Investigation of outbreaks, data collection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	The significance of microbiological results; interpreting the diagnostic laboratory results; practices designed to break the chain of infection, including standard and transmission-based precautions including the placement of populations and individuals in care settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Control measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
g.	Epidemiology, descriptive and applied (that is, the application and evaluation of epidemiologic discoveries and methods in public health and health and social-care settings, including applications of aetiological research, priority setting and evaluation of programmes, policies and services)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h.	Principles of epidemiology, incidence, prevalence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i.	Principles of statistics and variation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j.	Feedback and reporting mechanism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k.	Epidemics, pandemics, endemic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l.	Public health dimension; public health epidemiology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m.	Methods of performing post-outbreak evaluation; report evaluation feedback; serious untoward incident tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n.	Emergency systems and procedures for managing incidents and outbreaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o.	The roles and responsibilities of national, regional and local agencies and departments in managing incidents and outbreaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p.	Knowledge of sources of advice and expertise that can be drawn upon to contribute to investigating and managing the hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q.	Legal frameworks (that is, legal powers and duties, responsibilities and accountability) and organisational and professional policies and protocols when there is an outbreak or incident.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.4 COMPETENCY AREA

Improve quality and safety through the application of improvement methodologies

This competence relates to the following dimensions and levels within the NHS KSF:

- Core 4 Service improvement Level 4
- HWB3 Protection of health and wellbeing Level 4

PRACTICE		LD	SD	WD	NA
1.	Identify the need for change in practices and environments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Work in partnership with others to develop practice innovations and service re-design solutions to improve safety and quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Lead the organisation's infection prevention and control programme to improve safety and the overall quality and experience of care through linking it with the work of internal and external partners and influencing direction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Ensure that audit, surveillance, epidemiology and risk register data are collated, communicated, used and interpreted effectively	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Access existing and create new databases to manage and use data and information related to improving quality and safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Guide practice in infection prevention and control through the critical analysis and effective communication of national quality and safety resources and initiatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Work in partnership with individuals, populations, staff and others to develop improvement programmes that are in line with the culture and context of the area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Lead the implementation of improvement programmes, working in partnership with all involved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Evaluate the effectiveness of improvement programmes in partnership with individuals, populations, staff and others, identifying the improvements that need to be made in practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Prepare and present infection prevention and control reports and recommendations to individuals, populations, staff, members of the organisation and others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Confirm that agreed actions have been taken to improve safety and the quality of health and social-care practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Take the necessary action to escalate concerns when there is a failure to act which compromises safety and quality.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Clinical governance, quality assurance, clinical effectiveness, quality improvement framework and service improvement frameworks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	Risk identification, assessment and management including: risk analysis, action planning, feedback and re-evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Serious untoward incident and root cause analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Review of audit findings, action planning, feedback and re-evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Available quality and safety resources and initiatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Outcome measures including measures that are reported by individuals receiving health and social-care services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
g.	Corrective and preventive actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h.	Development, implementation and evaluation of evidence-based achievable metrics and outcome measures that can be audited	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i.	Improvement and change methodologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.5 COMPETENCY AREA

Advise on the design, construction and modification of facilities to prevent and control infection in the built environment

This competence relates to the following dimensions and levels within the NHS KSF:

- EF2 Environments and buildings Level 4

PRACTICE		LD	SD	WD	NA
1.	Work with others on plans for the design, construction and modification of facilities to improve safety and quality through infection prevention and control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Advise on the infection prevention and control risk assessment criteria prior to a new build and in advance of any demolition or modification of a building consistent with current building guidance and legislation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Liaise with key health and social-care staff and others prior to and at every subsequent stage of the build, demolition or modification to ensure that infection prevention and control advice is effectively incorporated into the works	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Work in partnership with key health and social-care staff to reduce the risk of infection to individuals, populations, staff and others during construction, demolition or modification activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	On the completion of the works, review with individuals, populations, staff and others the effectiveness of the development for preventing and controlling infection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Applied microbiology in relation to the chain of infection and the infection process, alert micro-organisms and conditions, body defence mechanisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	The significance of microbiological results, interpreting the diagnostic laboratory results; practices designed to break the chain of infection – for example, standard and transmission-based precautions including the placement of individuals and populations within care settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Antimicrobial stewardship – prudent prescribing of antimicrobials and the surveillance of antimicrobial resistant organisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Legislation, national guidance and outcomes/indicators relating to the design, construction and modification of the built environment in general and health and social-care facilities in particular (for example, ventilation, water sources, waste management, hygiene)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Organisational strategy for new builds, refurbishments, planned programme maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Interpretation of architects', estates' and facilities' plans for new builds, refurbishment and modification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.6 COMPETENCY AREA

Evaluate, monitor and review the effectiveness of decontamination processes for equipment and environment

This competence relates to the following dimensions and levels within the NHS KSF:

- EF1 Systems, buildings and equipment Level 4
- EF2 Environments and buildings Level 4

PRACTICE		LD	SD	WD	NA
1.	Provide evidence-based infection prevention and control input in the development of decontamination policies and procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Audit decontamination methods to determine their effectiveness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Report the outcomes of the audit, drawing specific attention to the risks to safety and quality that have been identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Advise on the actions that are required to improve quality and safety when decontamination processes are ineffective and the timescale in which they need to be implemented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Confirm that the required actions have been effectively undertaken to control infection and promote safety and quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Take the necessary action to escalate concerns when there is a failure to act which compromises safety and quality.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Applied in relation to the chain of infection and the infection process, alert micro-organisms and conditions, body defence mechanisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	The significance of microbiological results; interpreting the diagnostic laboratory results; practices designed to break the chain of infection – for example, standard and transmission-based precautions including the placement of individuals and populations in care settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Antimicrobial stewardship – prudent prescribing of antimicrobials and the surveillance of antimicrobial-resistant organisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Levels of decontamination – lifecycle and cycle parameters, use of various tests, water quality tests (for example, TVC levels)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Methods and processes of decontamination (for example, physical and chemical disinfection, sterilisation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Methods and processes of decontamination for: medical devices (for example, endoscopes, surgical instruments), equipment and environments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g.	Risk assessment of processes, environments and systems used for decontamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h.	Evaluation of application of decontamination processes in clinical practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i.	National guidance on decontamination processes for equipment and reusable medical devices (for example, Health Technical Memorandum (HTM), Scottish HTM) and the evidence base on which they are built	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j.	Legislation, national guidance and outcomes/indicators on decontamination processes for the built environment and the evidence base on which they are built	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k.	Regional and local policies which differ from national guidance and the rationale for this.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SCORING

Competency Area		LD	SD	WD	NA
1.1	Improve quality and safety by developing and implementing robust, high-quality policies and guidelines that prevent and control infection				
1.2	Collate, analyse and communicate data relating to preventing and controlling infection for surveillance purposes				
1.3	Manage incidents and outbreaks				
1.4	Improve quality and safety through the application of improvement methodologies				
1.5	Advise on the design, construction and modification of facilities to prevent and control infection in the built environment				
1.6	Evaluate, monitor and review the effectiveness of decontamination processes for equipment and environment				
TOTALS					