



INFECTION PREVENTION CONTROL

DOMAIN 3 – RESEARCH

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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

3.1 COMPETENCY AREA

Access, appraise and apply robust evidence of all types from a range of research and other sources, to the domains of the role

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

- **IK2 Information collection and analysis Level 3**

PRACTICE		LD	SD	WD	NA
1.	Appraise the validity, sufficiency and relevance of research methodologies and other information sources applicable to infection prevention and control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Critically appraise the literature to establish its validity and application to practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Synthesise and analyse the arguments of others, identifying strengths and weaknesses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Apply the findings of the appraisal to practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Evaluate the outcomes and findings of research and other literature to determine their impact on, and potential for, improving infection prevention and control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Organisational strategies and objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	The research process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Research approaches and design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Qualitative and quantitative research skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Literature searching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Literature reviewing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g.	Peer review	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h.	Secondary sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i.	Critical analytical skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j.	Application of research evidence to practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.2 COMPETENCY AREA

Build the evidence and knowledge base to improve and develop infection prevention and control strategies and practices through participation in, or completing research and other related activities, including audit

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

- **IK2 Information collection and analysis Level 3**
- **G5 Services and project management Level 3**

PRACTICE		LD	SD	WD	NA
1.	Determine priorities for research and development within infection prevention and control, working in partnership with individuals, populations and colleagues (at national and local level and within services and academia)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Identify, select and summarise research and other related activities from a variety of sources that are applicable to infection prevention and control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Work with others to develop clear proposals that are consistent with identified priorities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Present clear, succinct, valid, reliable and cost-effective proposals to appropriate people and organisations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Collect, collate, analyse and synthesise qualitative and quantitative data and information using appropriate methods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Ensure projects are delivered and reported to time, addressing the questions or issues posed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Reach agreements with key people and stakeholders about the need for applying research outcomes and findings to infection prevention and control practice and how best to do this	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Monitor and review implementation against anticipated outcomes and findings and make necessary adjustments in agreement with others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Skills of interpreting research and related literature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	Skills for evaluating research and other related literature in relation to: <ul style="list-style-type: none"> – research questions – research design – study analysis – limitations of the study – clinical implications of the study – implications for practice 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Strategies for implementing findings in practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Role of the funder.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.3 COMPETENCY AREA

Share best practice through the dissemination of evidence and knowledge

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

- G2 Development and innovation Level 3

PRACTICE		LD	SD	WD	NA
1.	Communicate findings and outcomes in various ways, to relevant people and stakeholders in a manner that is appropriate to their needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Defend the intellectual basis of the evidence underpinning findings and outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Reach agreements with key people and stakeholders in applying the findings and outcomes to infection prevention and control practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	In collaboration with others, apply evidence and knowledge in developing policy and driving forward improvement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

KNOWLEDGE UNDERSTANDING AND SKILLS		LD	SD	WD	NA
a.	Skills of interpreting research and project outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	Skills of communicating research and project outcomes <ul style="list-style-type: none"> – implications for practice – report writing – writing for publication – oral presentation skills 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Strategies for implementing research findings in practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SCORING

Competency Area		LD	SD	WD	NA
3.1	Access, appraise and apply robust evidence of all types from a range of research and other sources, to the domains of the role				
3.2	Build the evidence and knowledge base to improve and develop infection prevention and control strategies and practices through participation in, or completing research and other related activities, including audit				
3.3	Share best practice through the dissemination of evidence and knowledge				
TOTALS					