

Management of Healthcare Associated Infection

Learning Outcomes

1. Demonstrate a critical understanding of current infection control issues and of the principles of infection control, using examples drawn from global, national, societal and local levels.
2. Recognise the modes of spread of microorganisms associated with healthcare-associated infection and discuss ways to interrupt transmission
3. Explain and illustrate the structured process for influencing change
4. Understand and critically appraise the concepts and processes of disinfection and sterilisation, recognising what they achieve and where they can and should be applied.
5. Examine and assess the organisation and operation of the multidisciplinary Infection Control Team within the healthcare setting

Core Dimensions

CD1 Communication

Since learners are asked to demonstrate knowledge learning outcomes 1-4 will map to level 2 "Communicate with a range of people on a number of matters."

in particular items a-c

a) communicates with a range of people on a range of matters in a form that is appropriate to them and the situation

b) improves the effectiveness of communication through the use of communication skills

c) constructively manages barriers to effective communication

LO 3 will also map to level 3 a-d "Develop and maintain communications with people about difficult matters and/or in difficult situations"

a) identifies the range of people likely to be involved in the communication, any potential communication differences and relevant contextual factors

b) communicates with people in a form and manner that:

– is consistent with their level of understanding, culture, background and preferred ways of communicating

– is appropriate to the purpose of the communication and the context in which it is

taking place

– encourages the effective participation of all involved

c) recognises and reflects on barriers to effective communication and modifies communication in response

d) provides feedback to other workers on their communication at appropriate times

CD2 Personal and people development

Similarly all learning contributes to personal development and again the need to demonstrate knowledge will involve others, thus mapping to level 2 "Develop own skills and knowledge and provide information to others to help their development"

In particular a-c & f

- a) assesses and identifies:
 - feedback from others on own work
 - how s/he is applying knowledge and skills in relation to the KSF outline for the post
 - own development needs and interests in the current post
 - what has been helpful in his/her learning and development to date
- b) takes an active part in the development review of own work against the KSF outline for the post with their reviewer and suggests areas for learning and development in the coming year
- c) takes responsibility for own personal development and takes an active part in learning opportunities
- f) offers information to others when it will help their development and/or help them meet work demands.

LO 3 may also map to level 3

- a) reflects on and evaluates how well s/he is applying knowledge and skills to meet current and emerging work demands and the requirements of the KSF outline for his/her post
- b) identifies own development needs and sets own personal development objectives in discussion with his/her reviewer
- c) takes responsibility for own personal development and maintains own personal development portfolio
- d) makes effective use of learning opportunities within and outside the workplace evaluating their effectiveness and feeding back relevant information
- e) enables others to develop and apply their knowledge and skills in practice
- f) contributes to the development of others in a manner that is consistent with legislation, policies and procedures
- g) contributes to developing the workplace as a learning environment.

CD3 Health, Safety and Security

The LOs map collectively to level 3 "Promote, monitor and maintain best practice in health, safety and security"

- a) identifies:
 - the risks involved in work activities and processes
 - how to manage the risks
 - how to help others manage risk
- b) undertakes work activities consistent with:
 - legislation, policies and procedures
 - the assessment and management of risk
- c) monitors work areas and practices and ensures they:
 - are safe and free from hazards
 - conform to health, safety and security legislation, policies, procedures and guidelines
- d) takes the necessary action in relation to risks
- e) identifies how health, safety and security can be improved and takes action to put this into effect.

CD4 Service Improvement

LOs 3&5 map to level 3 "Appraise, interpret and apply suggestions, recommendations and directives to improve services"

- a) identifies and evaluates areas for potential service improvement
- b) discusses and agrees with others:
 - how services should be improved as a result of suggestions, recommendations and directives

- how to balance and prioritise competing interests
- how improvements will be taken forward and implemented
- c) constructively undertakes own role in improving services as agreed and to time, supporting others effectively during times of change and working with others to overcome problems and tensions as they arise
- d) maintains and sustains direction, policies and strategies until they are firmly embedded in the culture inspiring others with values and a vision of the future whilst acknowledging traditions and background
- e) enables and encourages others to:
 - understand and appreciate the influences on services and the reasons why improvements are being made
 - offer suggestions, ideas and views for improving services and developing direction, policies and strategies
 - alter their practice in line with agreed improvements
 - share achievements
 - challenge tradition
- f) evaluates with others the effectiveness of service improvements and agrees that further action is required to take them forward
- g) appraises draft policies and strategies for their effect on users and the public and makes recommendations for improvement

CD5 Quality

LO 1 maps to level 3 e-g “contribute to improving quality”

- e) evaluates the quality of own and others’ work and raises quality issues and related risks with the relevant people
- f) supports the introduction and maintenance of quality systems and processes in own work area
- g) takes the appropriate action when there are persistent quality problems.

Other dimensions

No specific mapping

Specific Dimensions

Health and Wellbeing

HWB 1

Promotion of health and wellbeing and prevention of adverse effects on health and wellbeing

LOs map collectively to level 2f “Plan, develop and implement approaches to promote health and wellbeing and prevent adverse effects on health and wellbeing”

- f) acts as a resource for improving health to the people in the target group keeping a record of what has been done

HWB 3 Protection of health and wellbeing

LO 5 maps to level 3 a,b & g LOs 2&4 map to the infection control aspects “Contribute to protecting people at risk”

- a) works in partnership with others to identify and assess the nature, location and seriousness of the particular risks
- b) prioritises own work in line with areas of highest risk taking the necessary action if difficulties are encountered
- g) works with other members of the protection team to plan, monitor and review the effectiveness of the protection plan

HWB8 Biomedical investigations and interventions

The knowledge gained in satisfying these learning outcomes should be equivalent to that required for level 3 “Plan, undertake, evaluate and report biomedical interventions and/or interventions”

- a) evaluates relevant information to plan the range and sequence of biomedical investigations/interventions required and determines:
 - the specific procedures to be undertaken
 - unusual aspects of cases (including any particular risks)
 - the urgency with which procedures need to be carried out
 - relevant legislation, policies and procedures
- b) selects appropriate methods, techniques, equipment and analytical methods, in line with the resources available and evidence of effectiveness
- c) carries out and monitors investigations/interventions in line with established procedures and protocols, taking the appropriate action in the case of incidents which put at risk health and safety or the quality of specimens
- d) evaluates the outcomes of investigations/interventions and takes appropriate action in relation to anomalous or poor quality results or insufficient information
- e) collates and interprets findings and outcomes and reports them to relevant colleagues in the appropriate format, clearly stating any limitations
- f) provides valid information, advice and recommendations in relation to diagnosis, prognosis, treatment and individual management.