

Control of infection

Learning Outcomes:

- To understand the need for infection control processes
- To understand types of infections contracted by patients in the clinical setting
- To understand and apply most appropriate treatment for contracted infection
- To understand the risks of infection and be able to apply mitigation policies and strategies
- To be aware of the principles of surgical antibiotic prophylaxis
- The acquisition of good working practices in the use of aseptic techniques

Knowledge			
Competence	Description	Assessment Methods	GMP
IF_BK_01	Identifies the universal precautions and good working practices for the control of infection including but not limited to: <ul style="list-style-type: none">• Decontaminate hands before treating patients; when soap and water hand wash is appropriate; when alcohol gel decontamination is appropriate• The use of gloves• The use of sterilised equipment• The disposal of used clinical consumables [single use and reusable]	A,C,D,E	1,2
IF_BK_02	Lists the types of hospital acquired infections and identifies the precautions needed to reduce their transmission	C,E	1
IF_BK_03	Recalls/discusses the concept of cross infection including: <ul style="list-style-type: none">• Modes of cross infection• Common cross infection agents	A,C,E	1
IF_BK_04	Recalls/explains the dynamics of bacterial and viral strain mutation and the resulting resistance to antibiotic treatment	C,E	1
IF_BK_05	Explains the need for antibiotic policies in hospitals	C,E	1,2
IF_BK_06	Recalls/discusses the cause and treatment of common surgical infections including the use of but not limited to: <ul style="list-style-type: none">• Antibiotics• Prophylaxis	C,E	1

IF_BK_07	Recalls/lists the types of infection transmitted through contaminated blood including but not limited to: <ul style="list-style-type: none"> • HIV • Hepatitis B and C 	C,E	1
IF_BK_08	Discusses the need for, and application of, hospital immunisation policies	C,E	1
IF_BK_09	Recalls/explains the need for, and methods of, sterilisation	C,E	1
IF_BK_10	Explains the Trust's decontamination policy and its application	C	1
IF_BK_11 (Formerly PD_BK_08)	Explains the principles and practice of using prophylactic antibiotics	A,C,E	1

Skills

<i>Competence</i>	<i>Description</i>	<i>Assessment Methods</i>	<i>GMP</i>
IF_BS_01	Identifies patients at risk of infection and applies an infection mitigation strategy	A,D	1
IF_BS_02	Identifies and appropriately treats the immunocompromised patient	A,C	1,4
IF_BS_03	Administers IV antibiotics taking into account and not limited to: <ul style="list-style-type: none"> • Risk of allergy • Anaphylaxis 	A,D	1,2
IF_BS_04	Follows local infection control protocols and uses aseptic techniques when necessary	A,D,M	1,2
IF_BS_05	Demonstrates the correct use of disposable filters and breathing systems	A,D,M	1
IF_BS_06	Demonstrates the correct use and disposal of protective clothing items including but not limited to: <ul style="list-style-type: none"> • Surgical scrubs • Masks • Gloves 	A,D,M	1,2
IF_BS_07	Dispose of clinical consumable items correctly [single use and reusable]	A,D,M	1,2