## TSC Category
Quality and Patient Safety

## TSC
Infection Prevention and Control in Nursing Practice

## TSC Description
Prevent the spread of infectious agents through infection control practices and regular audits to ensure preventive measures are in place

### TSC Proficiency

<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
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<tbody>
<tr>
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<td>HCE-QPH-2006-1.1</td>
<td>HCE-QPH-3006-1.1</td>
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<td>Adhere to organisation’s infection control and prevention processes</td>
<td>Carry out organisation’s infection control and prevention processes</td>
<td>Monitor compliance of infection control and prevention procedures</td>
<td>Formulate and implement department’s and organisation’s infection control and prevention procedures</td>
<td>Oversee division’s infection control and prevention procedures</td>
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### Knowledge
- Basic medical terminologies
- Organisation’s specific infection prevention and control procedures
- Standard and Transmission Based Precaution
- Infectious Disease Isolation policy
- General waste management
- Biohazard waste management
- Guidelines on disinfection and sterilisation procedures
- Five moments of hand hygiene and surgical hand wash procedures
- Patients’ values and needs
- Use of Personal Protective Equipment (PPE)
- Basic microbiology
- Stakeholders management
- Methods of data collection
- Basic analysis and interpretation of data
- International guidelines and best practices on infection prevention and control
- Basic microbiology
- Emerging and re-emerging infections
- Multidisciplinary stakeholder management
- Data analytics on hospital acquired infection trends and surveillance data
- International calamaries
- Guidelines for the investigation and control of infectious disease outbreaks
- Organisation protocols on control of infectious disease outbreaks
- Epidemiological and professional trends on infection control practice
- Infection control assessment tools
- Infection control risk mitigation
- Global, regional and local infection trends

### Abilities
- Select and use appropriate Personal Protective Equipment (PPE)
- Practice standard and transmission based precautions in accordance with patient’s conditions
- Practice strict hand hygiene in accordance with five moments of patient’s contact
- Reinforce appropriate infection control practices to patients and caregivers
- Adhere to standard and transmission based precautions
- Identify unusual exfoliated skin conditions and respiratory secretions and escalate to staff nurses in charge
- Carry out appropriate sterilisation and disinfection of medical equipment and instruments used
- Teach patients and caregivers on appropriate infection control practices
- Report audit outcomes and provide recommendations
- Identify patients with risk factors of infectious diseases
- Communicate required infection control care plans to support care staff
- Manage enquiries from patient and family members regarding isolation precaution required
- Implement international guidelines and best practices in care of invasive medical devices
- Conduct internal clinical audits on the proper application of basic infection
- Establish documented processes for isolation precaution in the unit
- Facilitate and drive quality improvement activities for infection prevention and control measures
- Evaluate infection prevention and control training needs for nurses
- Facilitate multidisciplinary collaborations in containing infectious diseases
- Perform contact tracing of infectious agents exposure
- Undertake regular reviews and evaluations of practice
- Appraise the impact of epidemiological and professional trends on infection control practices
- Formulate assessments of infection control hazards, risk factors and strategies to eliminate or minimise risks
- Formulate recommendations on prevention and control of infection informed by evidenced-based research
- Appraise measures to prevent and control infection
| Contact tracing of infectious agents exposure | Conduct environment audits on the proper application of infection control and sanitation procedures within the department | Control and prevention procedures within the settings |
| Monitor and identify incidences of non-compliance | Provide education to facilitate patients’ and caregivers’ understanding of infection control practices | Monitor and escalate incidences of hospital acquired infections in patients and staff, where appropriate |
| Conduct in-service infection control and prevention training to staff | Review policies, procedures and standards to prevent and control infection | and initiate change as appropriate |