

Quarantine and isolation process brief: PPE Training

Description	Process to train staff in donning and doffing personal protective equipment (PPE) for contact and non-contact roles when entering resident red or orange zones inclusive of MEG (mask, eye protection and gloves) and GMEG (gown, mask, eye protection and gloves).	
Aims	<ul style="list-style-type: none"> • Understand when PPE is required and the different levels and types of PPE used for protection. • Demonstrate safe donning and doffing of PPE for non-contact and contact roles. • Identify if a PPE/ infection prevention and control breach has occurred and take appropriate action. • Understand the allocation of red, orange and green zones in quarantine and PPE requirements for these. • Support fellow team members in donning and doffing by maintaining the PPE buddy system. 	
Related toolbox sections	Section 2: Infection prevention and control: 2.4, 2.5, 2.6	
Process Considerations	<p>Staff needs to understand when PPE is required and the different levels and types of PPE used for protection in the quarantine service.</p> <p>Staff must demonstrate safe donning and doffing of PPE for non-contact (MEG) and contact (GMEG) roles and have their competency in this recorded.</p> <p>Emphasis on staff support of fellow team members in donning and doffing and identification of breaches by maintaining the PPE buddy system.</p>	
PPE Training Process		
Task	Process	Core Points
Preparation for PPE training	<ul style="list-style-type: none"> • Set up donning and doffing stations to represent what will be encountered in the resident zones. • Prepare education room to deliver power point and video maintaining safe physical distancing and room occupancy protocols. • Have paint for use in PPE breaches session. • Have PPE competency assessment form handout for staff participants. 	<ul style="list-style-type: none"> • PPE • Donning & doffing stations • Audio visual equipment

Introduction to PPE donning and doffing	<ul style="list-style-type: none"> • Present basic PPE principles, National guidelines, different levels of PPE (non-contact-MEG and contact -GMEG), PPE stations. • Provide overview of red, orange and green zones in quarantine. • Watch PPE donning & doffing video https://www.youtube.com/watch?v=wBgs8qrJxuY • Main points to cover: <ul style="list-style-type: none"> - Buddy system. - Types of PPE, gloves, gowns, masks, eye protection. - Staff roles and required PPE -clean (non-contact), contact and aerosol contact (for viral screening). - Donning & doffing stations. - Zones. 	<ul style="list-style-type: none"> • PPE types • PPE levels • Zones
Practical PPE session	<ul style="list-style-type: none"> • Allocate staff to groups of the minimum amount possible for each donning table with 1 facilitator (educator). <ol style="list-style-type: none"> 1. Facilitator to provide a demonstration of donning PPE following MEG. 2. Instruct everyone to form pairs (adhering to the buddy system) and don MEG. 3. Facilitator to doff PPE following GEM. 4. Instruct everyone to form pairs and doff GEM (adhering to the buddy system). • Repeat above 4 steps implementing GMEG 	<ul style="list-style-type: none"> • Practical session • MEG • GMEG • Buddy system
Identification of PPE Breaches	<ul style="list-style-type: none"> • Provide overview of what constitutes a PPE/IPC breach and actions to be undertaken if a breach occurs. • Complete activity where staff identify a PPE/IPC breach relevant to quarantine and allocate as a high, medium or low risk. Discuss each identified breach discuss within the group. • Adhering to the buddy system, have all staff don GMEG and apply paint to their PPE, covering gloves, gown and mask. Have staff doff PPE and observe if there are any breaches (paint will show if this has occurred). 	<ul style="list-style-type: none"> • Identification of breaches for PPE and IPC • Practical session
Completion of PPE competency	<ul style="list-style-type: none"> • Divide staff into pairs to demonstrate their PPE GMEG competency (will be assessed using the buddy system). • Each pair of staff to perform donning and then doffing with GMEG as if they were entering then leaving the zone. • Facilitator is to observe staff for competency, safety and implementation of the buddy system. 	<ul style="list-style-type: none"> • Competency assessment

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| | <ul style="list-style-type: none">• Once both staff have donned/doffed provide an opportunity for the pair to make comments or ask questions, then provide feedback.• Staff who are deemed not competent will be provided opportunity to practice and repeat their competency assessment. | |
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PPE competency Assessment for donning and doffing of personal protective equipment	
NAME:	Position/Classification:
Pod Number & Team Colour:	Date:

Underpinning Knowledge and Understanding:

- Ensure you are aware of the policies and standards of practice in place relating to Infection Prevention and Control including Standard and Additional Precautions and PPE: i.e.: bare below the elbows
- The highest rates of healthcare worker (HCW) acquired infections occur when changing PPE, or where PPE is worn inappropriately or poorly applied.
- A 'buddy' or 'observer' should always watch doffing of PPE to check contamination does not occur.
- Wearing PPE, particularly in stressful clinical situations, can lead to emotional and physical exhaustion. Staff members should be on alert for others around them who are overwhelmed, and provide support and assistance as required.
- All donning of PPE should occur in green zones.
- All doffing of PPE should occur in orange zones.
- No more than 2 hours should elapse between PPE changes, to allow for adequate rest and rehydration. More frequent changes may be required.

Confirmation of assessment details by participant: I confirm that:

- The purpose of this assessment has been clearly explained to me
- The performance criteria to be used in this assessment has been discussed with me and I am aware that I will be assessed against this criteria
- I am aware of how the assessment will be done and the requirements relating to this assessment

Signature: _____

Donning PPE- GMEG

Performance Criteria	Rationale	Competent	Not Yet Competent
Performs hand hygiene before donning PPE: <ul style="list-style-type: none"> • Wash hands or use alcohol-based hand rub 	Hands cleaned to before applying PPE to prevent transient contaminants		
Dons impervious long sleeve gown: <ul style="list-style-type: none"> • Fully cover torso from neck to knees • Fasten at the back and neck 	Provides a barrier to prevent clothes and skin underneath becoming exposed to anybody fluid splash.		
Dons P2/N95 respiratory mask: <ul style="list-style-type: none"> • Coloured side facing out • Secure ties at the middle of the back of head and neck • Fit flexible metal band to the bridge of the nose 	Mask provides wearer with an air filter protecting mucous membranes of nose and mouth		
Performs a mask fit check: <ol style="list-style-type: none"> 1. Ensure mask is sits across bridge of the nose and under the chin 2. Forcefully breath in and out several times and check that mask collapses slightly on inhalation and expands on exhalation 3. Move head up and down and then left to right – the wearer should not feel air leaks/gaps between the face and mask 	Fit check ensures mask is fitted securely and allows for identification of possible issues prior to exposure		
Dons eye protection: <ul style="list-style-type: none"> • Place over face/eyes and adjust to fit • Prescription glasses are not appropriate protection and goggles/face shield must be applied over the top • If using a hair net, don face shield after hair net is in place 	Provides a physical barrier to prevent exposure of mucous membranes to body fluids		
Dons gloves: <ul style="list-style-type: none"> • Extend gloves to cover wrist/cuff of impervious gown • Ensure no gaps are present. 	Protect staff member from transmission of contaminants		

Doffing PPE-GGEM

Performance Criteria	Rationale	Competent	Not Yet Competent
Doffs gown and gloves: <ol style="list-style-type: none"> 1. Grasp the gown in the front 2. Pull away from your body so that the ties break, touching outside of gown only with gloved hands 3. As you remove gown, peel off gloves at the same time, only touching inside of gloves and gown with your bare hands 4. Whilst removing gown, fold or roll inside out into a bundle 5. Place the gown and glove bundle into general waste bin 	Maintain safe removal that avoids contamination to skin and mucous membranes of staff under the PPE		
Perform hand hygiene: <ul style="list-style-type: none"> • Wash hands or use alcohol-based hand rub 	Cleans hands of potential contamination during removal of gloves and gown		
Doff eye protection: <ul style="list-style-type: none"> • Remove goggles by lifting side arms and without touching the front • If disposable, discard into general waste bin • If reusable, place into designated receptacle for reprocessing • If using a face shield, doff following gown and gloves 	Maintain safe removal that avoids contamination to skin and mucous membranes of staff under the PPE		
Perform hand hygiene: <ul style="list-style-type: none"> • Wash hands or use alcohol-based hand rub 	Cleans hands of potential contamination during removal of eye protection		
Doff mask: <ul style="list-style-type: none"> • Grasp bottom ties or elastic off the mask, then the ones on top and remove without touching the front of the mask • Discard mask into general waste 	Maintain safe removal that avoids contamination to skin and mucous membranes of staff under the PPE		
Perform hand hygiene: Wash hands or use alcohol-based hand rub	Cleans hands of potential contamination during removal of eyewear and mask		

Assessor Name: _____

Role: _____

Signature: _____