

Donning and Doffing of PPE for sterile AGP with *Air-fed Hood*

Step	DONNING (Outside anaesthetic room)		✓
1.	Gather equipment required:	Long sleeved, rear fastening, fluid resistant disposable surgical gown.	
		Disposable plastic apron.	
		Versaflo TR-302E powered air turbo unit system with charged battery.	
		Versaflo breathing tube.	
		Versaflo Head Cover (Hood) for use with Powered Air Respirator.	
		Sterile under and over gloves.	
2.	Assemble and check Versaflo TR-302E powered air turbo unit:	Check battery by holding down battery button and observing green light. Each bar represents 20% battery life. Do not use unless fully charged.	
		Fit the battery and check that it engages with an audible click. Check it is engaged by gently pulling it.	
		Check air flow by attaching air flow indicator and turning the unit on at the power button. Hold the unit upright and check that the ball rests at or above the minimum flow mark.	
		Insert the bayonette end of the breathing tube into the powered air turbo unit and then pull back gently on the breathing tube to ensure it is fitted securely.	
3.	<ul style="list-style-type: none"> • Tie long hair back. • Remove any jewellery, ID badge / lanyard and mobile phone from person. • If glasses are worn, clean them with an alcohol lens wipe. 		
4.	Perform hand hygiene using alcohol based hand rub for 20 seconds.		
5.	Put the powered air turbo unit around the waist and adjust the belt to ensure a secure fit.		
6.	Don disposable plastic apron.		
7.	Don Head Cover (Hood). Avoid touching the front of the hood.		
8.	Ask colleague to attach the free end of the breathing tube into the socket of the Head Cover (Hood) and switch the powered air turbo unit system on.		
Enter the anaesthetic room. Only proceed to theatre when told to do so by the anaesthetist (must wait 5 minutes after intubation)			

Step	Donning (In scrub room)	✓
9.	Open gown and gloves. Perform surgical scrub.	
10.	Don long sleeved, rear fastening, fluid resistant disposable surgical gown.	
11.	Colleague to secure the gown over the air turbo unit - Do not use the inside tie. Fasten the neck tie with Velcro.	
12.	Don under and over sterile gloves, extending over wrist.	
13.	Fasten waist tie with help of colleague.	
14.	You are now ready to enter the theatre.	

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Step	DOFFING (In theatre) 5 minutes after the end of the procedure	✓
	Note: PPE except the hood should be removed inside the theatre.	
1.	Remember that the outside of the gloves are contaminated. To safely remove the gloves, the healthcare worker will: <ul style="list-style-type: none"> • Grasp the outside of the glove with the opposite gloved hand, peel off. • Hold the removed glove in the opposite hand. • Slide the fingers of the opposite hand under the remaining glove at the wrist. • Peel the remaining over glove off over the first glove. • Dispose of the gloves in clinical waste bin. • Repeat for under gloves. 	
2.	Clean hands with alcohol hand gel/rub.	
3.	Remove the surgical gown slowly and carefully (remember, the gown front and sleeves are contaminated): <ul style="list-style-type: none"> • Undo the neck tie. • Undo the waist tie. • Pull the gown away from the neck and shoulders touching the <i>inside</i> of the gown only using a peeling motion, turning the gown inside out. • Fold or roll the gown away from the body in to a bundle and discard into a clinical waste bin. 	
4.	Remove the disposable plastic apron. Unfasten or break ties. Pull the apron away from the neck and waist folding or rolling the apron away from the body in to a bundle and discard as healthcare waste.	
5.	Leave the theatre wearing the hood. Enter sluice.	

Step	DOFFING (In theatre sluice)	✓
6.	Clean hands with alcohol hand gel/rub.	
7.	Place theatre shoes in acticlor/water basin. Use non sterile gloves to clean shoes, dry and replace on feet.	
8.	Ask colleague to turn off powered air turbo unit and unplug the breathing tube from the socket of the Head Cover (Hood).	
9.	Remove the powered air turbo unit and belt from waist and place in "dirty box".	
10.	Remove Head Cover (Hood) and place in "dirty box".	
11.	Perform hand hygiene using soap and water OR alcohol based hand rub for 20 seconds.	
12.	After each use clean the Head Cover (Hood), powered air turbo unit and belt according to local guidance and re-charge battery.	

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