

HCID Train the Trainer Course Program

COURSE OVERVIEW

The HCID train the trainer course will equip learners with the knowledge and skills to provide educationally effective training on the recognition, risk assessment and provision of care events for patients suspected of infection with a high-consequence infectious disease.

The course is suitable for educators and senior healthcare workers who are responsible for setting up a HCID training program in a local setting.

Day 1: HCID Assessment PPE Course – Monday 3rd July

On day 1 we will run a series of high-fidelity, multi-professional simulation exercises using the ultraviolet contamination model which mimics contact, fomite and airborne transmission routes. The day provides opportunity to develop and refine skills in a team-based environment, as well as discuss application to a local setting. The day culminates in summative assessment of practical and knowledge-based domains.

Day 2: HCID Train the Trainer Course - Tuesday 4th July.

This day builds on the skills acquired from the assessment PPE course and focuses on refining skills required to develop and operationalise an evidence based HCID training program in a local setting. It includes sessions on the evidence base informing HCID training, structured debrief, course delivery and discussions operationalisation. There will also be opportunity to practice delivery to a group of simulated learners. We will provide a package of resources which can be implemented locally including online learning, handbooks, and posters.

Post-course

Following the course, we will provide ongoing support with training, including visiting your local centre to support delivery of the course using the provided materials.

TIMETABLE

Day 1 – Assessment PPE Course				
Time	Agenda Item			Location
830		Registration, tea and coffee		
0900		Welcome talk	15 minutes	Seminar Room
0920		Doffing demonstration/Tour	30 minutes	Simulation room
0945	Scenario 1	Introduction	5 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1045		Break	15 minutes	
1100	Scenario 2	Introduction	5 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1200		Break	15 minutes	
1210	Scenario 3	Introduction	5 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1300		Lunch	45 minutes	
1345	Scenario 4	Introduction	10 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1445		Break		
1500	Assessment			
1630	Wrap up			
1645	Faculty debrief			
1700	Course ends			

Day 2 – TOT day	
0920	Introduction & course background
0945	What makes an effective HCID learning experience? (Seminar)
1030	PPE Doffing debrief teaching/appraisal
	Break @1130
1140	Donning/doffing teaching and debrief practice and 1:1 feedback from faculty
1215	HCID Course Outline / Q&A session
	Lunch @ 1245
1330	HCID Course supported practice delivery
1600	Round table discussion on application to individual units
1645	Reflection & Feedback session
	End @1700

Curriculum

Day 1: HCID Assessment PPE Course

Curriculum Aim: To produce appropriately skilled healthcare professionals who can safely and reliably recognise, assess and provide evidence-based care for patients with suspected high-consequence infectious disease (HCID)			
Learning Objective	Teaching Method	Assessment Method	
		<i>Medic</i>	<i>Nurse</i>
A. Definition and categorisation of HCID in the UK			
A1: Define a HCID in the UK and recall the important HCID	Online learning & Simulation Day	Post-course MCQ	
A2: Describe the specific modes of transmission of important contact and airborne HCID			
B. Enhanced infection prevention and control measures for HCID			
B1. Apply the hierarchy of controls of infectious disease to the assessment of patients with suspected HCID infection (patient placement, protocols, PPE)	Online learning & Simulation Day	Post-course MCQ	
B2. Describe the principles of waste management and room/surface decontamination for HCID			
B3. Describe the principals of environmental decontamination following transfer of an individual with a confirmed HCID.			
B4. Apply methods of reducing personal risk when assessing a patient with suspected HCID, including contamination reduction behaviour, to clinical scenarios.			
C. HCID Assessment PPE			
C1. Describe the elements of the recommended HCID assessment PPE ensemble in relation to transmission reduction	Simulation Day	Practical assessment: Summative DOPs	
C2. Demonstrate safe HCID assessment PPE donning and doffing technique			
C3. Demonstrate competence as a doffing buddy			
C4. Apply the important aspects of staff welfare and communication methods when wearing HCID assessment PPE (Personal management, communication with patient and colleagues)			
D. Clinical Features of HCID			
D1. Demonstrate and apply knowledge of the epidemiology, transmission, clinical features, and diagnosis of the following HCID; MERS, Ebola, Lassa, CCHF, Avian Influenza, Monkeypox, to clinical cases to recognise where HCID infection should be considered.	Online learning & Simulation Day	Post-course MCQ	Formative Objective
D2. Be aware of less common designated HCID; know where to information on their epidemiology, transmission, clinical features, and diagnosis.			
E. HCID risk assessment and sampling of the important HCID			
E1. Demonstrate and apply knowledge of HCID risk assessment algorithms to clinical cases where HCID is in the differential.	Online learning & Simulation Day	Post-course MCQ	Formative objective
E2. Describe where to find information on the sampling and transport requirements for laboratory diagnostics, and apply this to a clinical case	Online learning & Simulation Day		
F. Referral pathways for individuals where HCID is suspected or diagnosed			
F1. Apply understanding of the role of local and national bodies involved in HCID assessment including local services, imported fever service, UKHSA and NHS EPRR to clinical cases	Online learning & Simulation Day	Post-course MCQ	

Day 2: Train the trainer course (formative day)

1. Understand and apply educational theory related to HCID training in a simulated course (deliberate practice, debrief, reflective feedback)
2. Appraise HCID assessment PPE doffing technique, and provide effective feedback to others.
3. Deliver a HCID Assessment training course to learners using an evidence-based approach.
4. Discuss how learning could be applied in a local setting.