

HCID Assessment PPE Course Program

COURSE OVERVIEW

The HCID Assessment PPE course will equip learners with the knowledge and skills to recognise, risk assess and safely provide care events for patients suspected of infection with a high-consequence infectious disease.

The course is suitable for healthcare workers who might encounter HCID suspect cases in the NHS, and liaise with national stakeholders in UK HSA and the HCID Network. This may vary by setting but would typically include doctors at SpR level and above and experienced nurses.

Course learning includes an interactive online learning package, followed by a full day of simulation training which comprises several HCID scenarios. Course assessment comprises of an MCQ and donning/doffing assessment. At the end of the course, successful candidates will receive HCID assessment competency signoff. Further information, including links to the pre-course learning module is available on the website, www.hcid-training.co.uk

TIMETABLE

HCID Assessment course timing				
Time	Agenda Item			Location
830	Registration, tea and coffee			
0900	Welcome talk			Seminar Room
0920	Doffing demonstration/Tour			Simulation room
0945	Scenario 1	Introduction	5 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1045	Break			
1100	Scenario 2	Introduction	5 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1200	Break			
1210	Scenario 3	Introduction	5 minutes	
		Donning	10 minutes	
		Scenario	10 minutes	
		Doffing	10 minutes	
		Debrief	25 minutes	
1300	Lunch			
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			

Curriculum

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	
		Medic	Nurse
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	