Gloves Off project Custom Hand Hygiene Audit - Protocol



Purpose of audit

- To audit hand hygiene compliance in the same manner as a standard hand hygiene audit
- To determine whether a glove was needed for the task required, as per the <u>Clinical Excellence</u> <u>Commission Infection and Prevention Control Handbook</u>, summarised in <u>Glove Use Infection</u> <u>Control Guidelines</u>

Procedure

- 1. Audit to be conducted by trained Hand Hygiene auditor.
- 2. Audit a random selection of hand hygiene moments, including tasks with and without gloves.
- 3. Suggest audit at least 50 moments, as per a standard hand hygiene audit.
- 4. Use the custom audit form which has been modified with permission from the National Hand Hygiene Audit Data Collection Form (accessible at <u>Gloves Off web page</u>)

					ob	servation	dat	a colle									
Organisation						FIVE MOMENTS FOR HAND HYGIENE											
Dept / ward					 Before touching a patient 												
Date					2. Before a procedure												
Auditor Session #					3. After a procedure or body fluid exposure risk												
Start time Finish time					4.				g a patien								
Duration of session mins						After touching a patient's surroundings											
GLOVE	ES NE	EDED							GLOV	ES N	OT NE	EDEC)				
- Co	ontac	t with	non	-intact ski	n, o	r mucous n	nem	nbrane	- Di	rect	physic	al co	ntact with	n inta	act skin		
- Co	ontac	t with	bloo	od, body si	ubst	ances, sec	retio	ons	- Ac	tivit	ies of o	daily	living, eg	wasl	hing		
ex	creti	ons							- Ro	outin	ie obse	rvat	ions (eg bl	lood	pressure		
- In	vasiv	e proc	edu	re, <mark>eg</mark> , ven	epu	incture or a	a fin	ger or	measurement)								
		ick, IV							 Performing subcutaneous, intramuscular, intravenous or intradermal injections 								
			d wa	aste / liner	n/e	nvironmer	ntal										
su	irface	25							intravenous of intraderinal injections								
- Pr	ovidi	ng car	e to	patients o	on tr	ansmissior	1-ba	sed									
pr	ecau	tions															
HCW Moment Action Glo																	
HCW	Mo	ment	Ac	tion	Gl	ove used	Gl	ove	HCW	Mo	oment	Ac	tion	Glo	ove used	Glo	ove
HCW	Mo	ment	Ac	tion	Gl	ove used		ove eded?	HCW	Mo	oment	Ac	tion	Glo	ove used		ove eded?
HCW	Mo	ment	Ac	tion 1 Rub	Gl	ove used		ove eded? YES	HCW	М а	oment	Act	tion 1 Rub	Glo	ove used		
HCW							ne	eded?	HCW							ne	eded?
HCW	0	1		1 Rub	0	1.On	ne	eded? YES	HCW	0	1		1 Rub	0	1.On	ne	eded? YES
HCW	0 0 0	1 2		1 Rub 2 Wash	0 []	1.On 2. Off	ne	eded? YES	HCW	0 0 0	1 2 3 4		1 Rub 2 Wash	0 []	1.On 2. Off	ne	eded? YES
HCW	0 0 0	1 2 3 4 5		1 Rub 2 Wash 3Missed	0 0 0	1.On 2. Off 3.Cont <u>NoGlove</u>	ne	YES NO	HCW	0 0	1 2 3 4 5		1 Rub 2 Wash 3Missed	。 □ □	1.On 2. Off 3.Cont NoGlove	ne D	eded? YES NO
HCW	0 0 0	1 2 3 4 5		1 Rub 2 Wash 3Missed 1 Rub	0 0	1.On 2. Off 3.Cont NoGlove	ne	YES NO	нсw	0 0 0 0 0	1 2 3 4 5		1 Rub 2 Wash 3Missed 1 Rub	0 0 0	1.On 2. Off 3.Cont NoGlove	ne(YES NO YES
HCW	0 0 0 0 0	1 2 3 4 5 1 2		1 Rub 2 Wash 3Missed 1 Rub 2 Wash	° □ □ □ 0 □	1.On 2. Off 3.Cont NoGlove 1.On 2. Off	ne	YES NO	нсw	0 0 0 0 0	1 2 3 4 5 1 2		1 Rub 2 Wash 3Missed 1 Rub 2 Wash		1.On 2. Off 3.Cont NoGlove 1.On 2. Off	ne D	eded? YES NO
HCW	0 0 0 0 0 0	1 2 3 4 5 1 2 3		1 Rub 2 Wash 3Missed 1 Rub	° 🗆 🗆 🗠	1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont	ne	YES NO	HCW	0 0 0 0 0 0 0	1 2 3 4 5 1 2 3		1 Rub 2 Wash 3Missed 1 Rub		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont	ne(YES NO YES
HCW	• • • • • • • • • • • • • • • • • • •	1 2 3 4 5 1 2 3 4		1 Rub 2 Wash 3Missed 1 Rub 2 Wash	° □ □ □ 0 □	1.On 2. Off 3.Cont NoGlove 1.On 2. Off	ne	YES NO	нсw	0 0 0 0 0 0 0 0 0	1 2 3 4 5 1 2 3 4		1 Rub 2 Wash 3Missed 1 Rub 2 Wash		1.On 2. Off 3.Cont NoGlove 1.On 2. Off	ne(YES NO YES
HCW		1 2 3 4 5 1 2 3 4 5		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed	° □ □ □ 0 □ □ □	1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove		YES NO YES NO	нсш	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 1 2 3 4 5		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed	° □ □ □ □ □	1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove		YES NO YES NO
HCW		1 2 3 4 5 1 2 3 4 5 1		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub	0 0 0 0 0 0 0 0	1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On		eded? YES NO YES NO	HCW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 1 2 3 4 5 5 1		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On		YES NO YES NO YES
HCW		1 2 3 4 5 1 2 3 4 5 1 2 5 1 2		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub 2 Wash		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On 2. Off		YES NO YES NO	HCW		1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub 2 Wash		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On 2. Off		YES NO YES NO
HCW		1 2 3 4 5 1 2 3 4 5 1 2 3 1 2 3		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont		eded? YES NO YES NO	HCW		1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2 3		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont		YES NO YES NO YES
HCW		1 2 3 4 5 1 2 3 4 5 1 2 5 1 2		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub 2 Wash		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On 2. Off		eded? YES NO YES NO	HCW		1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2		1 Rub 2 Wash 3Missed 1 Rub 2 Wash 3Missed 1 Rub 2 Wash		1.On 2. Off 3.Cont NoGlove 1.On 2. Off 3.Cont NoGlove 1.On 2. Off		YES NO YES NO YES

5. Use the <u>National Hand Hygiene Audit coding classification sheet</u> as per a standard hand hygiene audit

6. More accurate results will be obtained if the auditor questions staff about their glove use risk assessment in situations that could be ambiguous.

For example, if a staff member was wearing gloves for assisting a patient to move from bed to chair, on observation alone, then "glove needed" would be rated as NO. If the auditor questioned the staff member about their rationale for wearing gloves, the staff member may have a valid reason such as the patient is on contact precautions, on known to be frequently incontinent, in which case "glove needed" would be rated as YES.

Collating results

At the bottom of the custom audit form there is a table for collating results.

HCW	Moment	Action	Glove used	Glove needed?	HCW	Moment	Action	Glove used	Glove needed?
NS	0 1 0 2 0 3 0 4 5	1 Rub 2 Wash 3Missed	o 1.0n □ 2.0ff 9 3.Cont □ NoGlove	I YES	SN	0 1 0 2 0 3 0 4 5	□ 1 Rub □ 2 Wash ☑∕ 3Missed	o 1.0n □ 2.0ff □ 3.Cont ■∕ NoGlove	□ YES
514	0 1 0 2 0 3 0 4 5	1 Rub 2 Wash 3Missed	o 1.0n □ 2.0ff ☑ 3.Cont □ NoGlove	□ YES B∕ NO	NS	0 1 0 2 3 4 5	 ✓ 1 Rub 2 Wash 3 Missed 	o 1.On 2. Off 3.Cont NoGlove	I YES
P12		1 Rub 2 Wash 3Missed	o 1.0n □ 2.0ff □ 3.Cont ☑ NoGlove	PYES NO	NS	• 1 • 2 • 3 • 4 • 5	□ 1 Rub □ 2 Wash □ 3Missed	o 1.On □ 2.Off □ 3.Cont □ NoGlove	□ YES □∕NO
SN	0 1 0 2 0 3 0 4 0 5	1 Rub 2 Wash 3 Missed	o 1.On 2. Off 3.Cont NoGlove	P YES □ NO	AH	 ✓ 1 ○ 2 □ 3 □ 4 □ 5 	P 1 Rub 2 Wash 3Missed	 1.On 2. Off 3.Cont NoGlove 	PYES NO
NS	0 1 0 2 0 3 0 4 0 5	 2 Wash 3 Missed 	o 1.On 2. Off □ 3.Cont □ NoGlove	VES NO	SN	0 1 0 0 2 √ 3 0 4 0 5	□ 1 Rub □ 2 Wash ☞ 3Missed	o 1.On 2. Off 3.Cont NoGlove	P YES □ NO

HAND HYGIENE	Total correct moments	4 /10
Missed hand hygiene moments associated with unnecessary glove use	2/6	

GLOVE USE	USED + NEEDED	USED + <u>NOT</u> NEEDED	NOT USED + <u>NEEDED</u>	NOT USED + NOT NEEDED
NS – Nurse	I	11		II
SN–Student Nurse	II	I		I
DR - Doctor				
AH - Allied Health	I			
BC–Blood Collector				
TOTAL	4	3		3

Percentage of unnecessary glove use is calculated.

In the example above:

Total # gloves = # used & needed + # used & not needed	4 + 3 = 7
% unnecessary glove use = # used & not needed / tot # gloves	3/7 = 43%

(Example above is a single page with 10 moments. For an audit of 50 moments, all 5 pages would be added together first before calculating the % unnecessary glove use.)