



Supporting Information

Supplementary methods

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Segal R, Bradley WPL, Williams D, et al. Remote buddy monitoring of the donning and doffing of personal protective equipment. *Med J Aust* 2021; doi: 10.5694/mja2.51086.

Table 1. Fifteen donning scenarios, including random errors in some procedural steps

Donning scenario	Remove jewelry/object	Hand hygiene	Hat cover	Gown	N95 mask	Eye protection	Gloves
1	Done	Done	Hair exposed	Correctly fitted	Nose exposed	Done	Done
2	Object around neck	Done	Done	Back of gown exposed	Correctly fitted	Done	Done
3	Done	Too short	Done	Correctly fitted	Chin exposed	Done	Done
4	Done	Done	Hair exposed	Correctly fitted	Correctly fitted	Done	Done
5	Done	Done	No hat	Correctly fitted	Correctly fitted	Eye protection loose/tilt	Done
6	Done	Done	Done	Neck of gown loose	Correctly fitted	Done	Glove under the cuff
7	Done	Done	Done	Correctly fitted	Chin exposed	Done	Done
8	Done	Done	Done	Neck of gown loose	Correctly fitted	No eye protection	Done
9	Object around neck	Done	Done	Correctly fitted	Correctly fitted	Done	Done
10	Done	Done	Done	Back of gown exposed	Correctly fitted	Done	Done
11	Done	Done	Done	Correctly fitted	Correctly fitted	No eye protection	Done
12	Done	Done	No hat	Correctly fitted	Correctly fitted	Done	Done
13	Done	Too short	Done	Correctly fitted	Correctly fitted	Done	Glove under the cuff
14	Done	Done	Done	Correctly fitted	Nose exposed	Done	Done
15	Done	Done	Done	Correctly fitted	Correctly fitted	Eye protection loose/tilt	Done

Table 2. Fifteen doffing scenarios, including random errors in some procedural steps

Doffing Scenario	Remove gown and gloves	Hand Hygiene	Remove eye protection	Hand hygiene	Remove N95 mask and hat	Hand hygiene
1	Done	Done	Touch the face	Too short	Done	Done
2	Touch underneath the gown	Done	Done	Done	Done	Done
3	Done	Too short	Done	Done	Touch the face	Done
4	Touch underneath the gown	Done	Done	Done	Done	Too short
5	Done	Done	Touch the face	Done	Done	Done
6	Done	Too short	Done	Done	Touch the hair	Done
7	Done	Done	Touch front of mask	Done	Done	Done
8	Done	Done	Done	Done	Touch the hair	Done
9	Touch underneath the gown	Done	Touch front of mask	Done	Done	Done
10	Done	Too short	Done	Done	Done	Done
11	Done	Done	Done	Done	Touch the face	Done
12	Touch underneath the gown	Done	Done	Done	Touch the hair	Too short
13	Done	Done	Done	Done	Touch the hair	Too short
14	Done	Done	Done	Too short	Touch the face	Done
15	Done	Done	Touch the face	Done	Done	Done