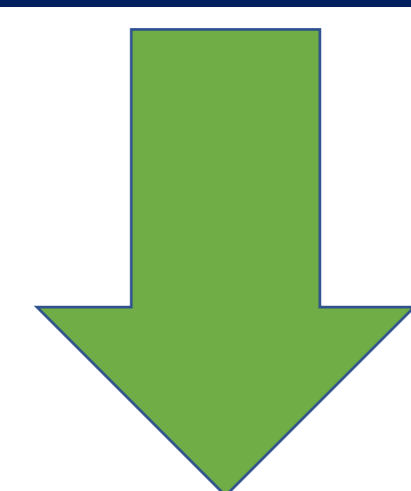


Audit on Knowledge about PPE and correct 'Donning and Doffing' of PPE

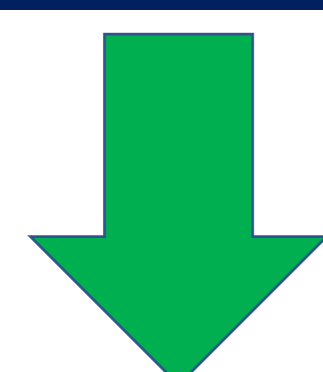
INTRODUCTION

Covid-19 has spread globally and was declared a pandemic on March 11, 2020, by WHO. The best way to prevent and slow down transmission is by being well informed about the COVID-19 virus, the disease it causes and how it spreads.



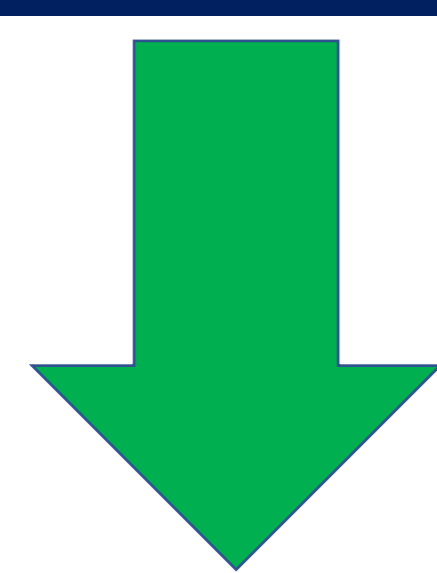
AIM

1. To ascertain whether community mental health staff across all disciplines in the Early Intervention Psychosis Team, and community mental health team (CMHT) understand and can apply the correct techniques and order of items when donning and doffing personal protective equipment
2. To ascertain understanding regarding use of PPE in common scenarios likely to be encountered by community mental health staff.



STANDARD

Local standards - 100% of staff should have understanding about correct use of PPE.



METHODS

1. Prospective audit was carried out with a help of a questionnaire to ascertain current level of knowledge and understanding with regards to correct use of PPE amongst the community mental health staff.
2. Based on initial results, interventions were applied to increase this level of knowledge amongst staff.
3. A further re-audit was done to check if the interventions have been successful and to identify gaps in knowledge.

INTERVENTIONS

- a) Provide a teaching session to community staff
- b) Provide community staff with all necessary documents and links to instructional videos (online) for self directed learning
- c) Place posters with relevant procedural information in strategic parts of the building.
- d) Provide feedback to CNWL infection control team with our findings and recommendations that PPE use is included in the standardised mandatory training, as part of CNWL induction programme

RESULTS

Questions	% of correct responses (1 st Round – May 2020)	% of correct responses (2 nd Round- July 2020)
Correct Donning sequence	0	50%
Correct Doffing Sequence	0	36%
PPE in non-clinical area of ward with no patient contact	10%	64%
PPE in ward within 2 m of suspected/confirmed patient	0	50%
PPE at home within 2 m of suspected/confirmed patient	21%	71%
Duration for which surgical mask can be worn when within 2 m of suspected/confirmed patient	5%	85%
Duration before disposing PPE in community waste bags	36%	50%
PPE when performing CPR	10%	64%
Allowed items to wear under 'Bare below elbow' policy	26%	85%

CONCLUSION

- a) Knowledge about correct use of PPE is essential to prevent spread of infection among the patients and staff.
- b) Local teaching sessions and PPE posters at major locations can improve knowledge about PPE use amongst staff.
- c) Covid is likely to stay for the near future and use of PPE should now be incorporated in induction training across all members of staff.
- d) There should be an increased emphasis on psychiatrists leading the training of the multi-disciplinary colleagues within the team.



SAVE LIVES