

### 950 A Close Loop Audit to Assess Awareness Among Non-Consultant Hospital Doctors Re Use of Personal Protective Equipment

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**Introduction:** Personal protective equipments (PPEs) are like war uniforms in the fight against Corona Pandemic. The limited supply of PPEs warrant their proper use not only to avoid shortage of supplies but also to prevent any infectious spread to healthcare workers. This study aimed at analyzing awareness among non-consultant hospital doctors re proper use of PPEs

**Method:** A questionnaire was devised using local available guidelines published by university Hospital Limerick. The study was done in 2 phases. In 1<sup>st</sup> phase 100 questionnaires were distributed to non-consultant hospital doctors(NCHDs). Results were analysed and after 1<sup>st</sup> phase and emails were sent with results and local guidelines and a zoom educational session was organized. In 2<sup>nd</sup> phase, questionnaire was redistributed in a week's time and results were re analysed to close the loop.

**Results:** 200 NCHDs participated in the study,100 in each phase. Most common age group in two phases was 21-30 yrs. Awareness about PPEs use for Covid 19 increased significantly in 2<sup>nd</sup> phase across all domains (what is included in PPEs (100% from 91%), Sequence for putting on PPEs (52% to 88%  $p < 0.05$ ), steps for FIT test (57% to 74%  $p = 0.247$ ) and sequence for removing PPEs (47% to 81%  $p < 0.05$ ).

**Conclusions:** Though PPEs donning and doffing sessions were organized by the hospital officially, Awareness about effective use of PPEs among NCHDs further improved after organizing a Zoom educational session and auditing.