

Medical equipment, safety/QA officer role (Potential role for HCS)

This role will support the safe re-deployment of other clinical/medical staff in a surge scenario and to alleviate the pressures from core staffing groups. The aim is to support in maintaining the highest standards of patient care and safety, particularly around the use of medical equipment and physiological measurements, in environments where there are significant numbers of re-deployed staff.

Broadly 3 domains:

Quality assurance

- Collaborate and verify SOP's and protocols relating to equipment use, including responding to national guidance as well as linking to incident outcomes and learning to further optimise processes.
- Data management and re-representation of clinical data reporting and handover – to be defined in collaboration with medical and nursing colleagues, using multiparameter predictive analytics where possible
- Evaluation of trends in management in the unit – generating evidence base for system level decision making to minimise variability and optimise patient outcome

Safety

- Ensure equipment is being used correctly and efficiently, calibration and routine safety checks are carried out
- Supporting nursing staff in monitoring patient ventilation parameters for safety concerns – reporting to doctors in charge.
- Support all staff in reporting of incidents – datix.
- Using innovation skills to review and analyse ICU processes using system engineering approaches to proactively review issues, bottlenecks, criticality and interdependencies.
- Support clinical engineering in rapid incident investigation.
- First line trouble shooting for equipment failure.



Education/training

- Clinical educator for medical equipment - free up ICU nurse from time spent in equipment training and trouble shooting.
- Model specific device training at the bedside.
- Support trust wide medical equipment training programmes.

Additional assistance

- Where other staff groups are understaffed, assist in patient transfers (assisting in transfers, breathing circuit checks, ventilator swaps) and proning etc when there is a staffing need to do so.

