Disinfection Product Use SBAR

**Situation:**
With the onset of COVID-19, there has been a four-fold increase in demand for disinfection products significantly impacting the available supply of products for environmental services as well as patient care area use across the health system.

**Background:**
There is an existing YNHHS formulary of disinfection products (wipes, sprays, solutions) used across the health system that are purchased/delivered at regular intervals in standard quantities determined by historical usage at each delivery network. YNHHS has been able to meet the increased need by increasing the par levels with current suppliers making more product available for health system use until this point. Sourcing of any of these types of disinfectant products for use in the health system requires Infection Prevention review and authorization.

**Assessment:**
Corporate Supply Chain, in collaboration with EVS and Infection Prevention, has assessed various existing products in various sizes approved by CDC/EPA for disinfection use during COVID-19. While YNHHS has been able to work with existing suppliers, and has acquired approved disinfection products from new suppliers, manufacturers continue to be challenged with the production of product, and consequently, the health system continues to be challenged with keeping up with the overall increase in demand for disinfection wipes, sprays, and solutions.

**Recommendation:**
Existing disinfection wipes should be used per protocol: purple top wipes (Oxivir/GH) for patient care area disinfection *except C. diff* and orange top bleach wipes used for *C. diff only*. Clinical staff is encouraged to appropriately use and minimize waste of disinfection wipes.

If the existing product needed is unavailable due to back order, substitution products are identified by functional use and in order of use on attached substitution chart. Additional substitution product will be developed by EVS and made available when existing product supply is depleted.

- Some of the substitutions for existing products are in larger sizes than currently used and are to be cut in half to extend use of product (e.g. purple wipes & orange top bleach wipes)
- Oxivir 1 solution/wipes will be deployed as a substitute for purple top canisters when depleted. These wipes may be in canisters of 160 wipes or in white pails of 100 wipes and may be in different sizes than currently used.
- Hypochlorous acid solution/wipes will be deployed as a substitute for bleach wipes when depleted. These wipes will be in white pails of 100 wipes and may be in different sizes than currently used.

Ordering of disinfection products has not changed and will be distributed by Materials Management.