

## **Installation and Storage of Alcohol-based Hand Sanitizers in Duke University Health System Facilities**

The following guidance is applicable to the following Duke University Health System facilities: Duke University Hospital, Duke Medicine Pavilion, all ambulatory surgical centers, and applicable ambulatory healthcare locations within Duke South Clinics.

The purchase of alcohol-based hand rub (ABHR) product shall be limited to the approved vendor as recommended by Infection Prevention and as approved by Hospital Administration. The purchase of ABHR from retail locations outside of the aforementioned approval authority shall be prohibited. (i.e. purchase of Purell from Staples is not approved as the inventory is impossible to track and may lead to non-compliance.)

1. If dispensers are mounted in a corridor, the minimum corridor width shall be 72 inches.
2. The maximum allowable quantity of alcohol-based hand rub (ABHR) product (in use and storage within a control area) shall not exceed 31 ABHR dispensers (each with a maximum capacity of 41 ounces) within a control area.

· In health care facilities, the control area is defined as a smoke compartment.

NOTE: One ABHR dispenser per patient room may be excluded from the aggregate total provided the dispenser is mounted in the patient room. This does not apply in curtained areas such as a PACU.

3. The maximum allowable quantity of ABHR stored outside of a flammable liquid cabinet shall not exceed 5 gallons. ("Stored" means not contained in a product dispenser.)

· Storage amounts exceeding 5 gallons must be contained within a NFPA 30 compliant flammable storage cabinet that includes the following features:

- o Cabinets must have self-closing doors.
- o Cabinet doors must have a 3-point latching mechanism.
- o All storage locations must be identified and approved by Hospital Administration and OESO Fire and Life Safety.

4. The maximum capacity of ABHR dispensers shall not exceed 41 ounces.

- Storage containers may be larger provided they are not used for dispensing the product.

NOTE: Use of aerosol/pressurized dispensers for ABHR was discontinued; therefore, applicable guidance has been removed from this document.

5. The minimum separation between dispensers shall be 48 inches.
6. Dispensers not mounted or in stands are prohibited. Loose dispensers must be relocated to an appropriate storage location.
7. Dispensers shall not be installed above, below, or closer than 1 inch to an electrical receptacle, switch, appliance, device or other ignition source.
8. Dispensers shall not be mounted on doors.

9. Dispensers may be mounted over carpet provided the facility is equipped throughout with an automatic sprinkler system.

10. Broken or damaged dispensers shall immediately be reported to EVS or housekeeping and/or removed from service.