

OREGON HEALTH & SCIENCE UNIVERSITY  
Hospitals and Clinics  
Point of Care

**DCA Vantage Maintenance**

Weekly:

1. Cleaning the exterior of the instrument:
  - a. Turn off DCA Vantage power.
  - b. Clean the exterior of the instrument and bar code window with a lint-free cloth dampened 10% bleach or appropriate disinfectant.
  - c. Do not allow liquid to drip inside the instrument.
2. Cleaning the barcode window:
  - a. Clean the exterior of the instrument and bar code window with a lint-free cloth dampened water or ethanol.
  - b. Do not allow liquid drip inside the instrument.
3. Turn DCA Vantage power on.

Quarterly

1. Clean Cartridge Compartment:
  - a. Turn off DCA Vantage power.
  - b. Open the cartridge compartment door and use a lint free cloth dampened with water or alcohol to wipe the inside of the cartridge compartment.
  - c. Insert the tip of a straightened paper clip into the top hole on the cartridge return spring.
  - d. Gently pull the metal end toward the center of cartridge compartment to release one side of the spring from the cartridge holder.
  - e. Repeat steps c-d to release other side of the cartridge return spring from cartridge holder.
  - f. Pull cartridge return spring completely out of instrument.
  - g. Clean cartridge return spring with soap and water and dry thoroughly.
  - h. Using a sponge swab dampened with alcohol, wipe the cartridge holder interior.  
**Caution:** Do not use a cotton swab. Cotton fibers may be left on surface and interfere with instrument optical system. Do not allow liquid to drip off sponge swab into the instrument as optics may be destroyed.
  - i. Replace the cartridge return spring into the cartridge compartment.
  - j. Turn DCA Vantage power on.

