



MMS COVID-19 Vaccine Update

Introduction

As your partner in medication management, we are providing some resources that may be helpful with the introduction of the COVID-19 vaccines in the market. (Please note: BD Pyxis™ ES Refrigerator has the capability to store vaccines that require refrigeration. For vaccines requiring deep freeze temperatures, Helmer Scientific, Inc. provides these types of freezers - details are listed below.) This document has links so that you can quickly find the information needed on devices, training, reports and industry knowledge to help manage these vaccines at your facilities.

Device Resources

BD Pyxis™ Refrigerator:

1. [BD Pyxis™ Refrigerator](#)

Note: Use BD Pyxis™ ES MedStation™ User Guide v1.6.1 (10000331366 Ver 01)

This provides information on commonly used functionality:

- Configuring BD Pyxis™ Refrigerator – page 78
- Remove controlled medication – page 92
- Returning controlled medication – page 93
- Assigning and loading medication – page 93

2. [BD Pyxis™ Refrigerator Specification Sheet](#)

1910001315 BD-10276 (0519/PDF)

Provides specifications about stand sizes, bin sizes, configuration options, electrical performance, refrigeration and construction specifications.

3. [BD Pyxis™ ES Refrigerator Training](#)

(In BD Learning Compass Curriculum)

Provides task-based guidance for workflows performed at the BD Pyxis™ ES Refrigerator by both clinicians and pharmacy staff, e.g. Remove Medication. [Additional access link.](#)

4. [BD Pyxis™ ES Refrigerator iMX105 Operation/User Manual](#)

360393 REV B

This manual is for end users of the iMX105 BD Pyxis™ ES Refrigerator. For information on how to use the BD Pyxis™ MedStation™ ES User Guide, which provides medication management capabilities to the iMX105 BD Pyxis™ ES Refrigerator, see the link provided.

BD Pyxis™ Remote Manager Temperature Monitor:



1. [BD Pyxis™ Remote Manager Temp Monitor](#)

This course provides information on commonly used functionality for refrigerated medications.

2. [BD Pyxis™ Remote Manager Temp Monitor User Guide](#)

10000331366 Ver 01

Provides information on commonly used functionality for refrigerated medications:

- Configuring settings – page 82
- Outdating and counting inventory – page 103
- Performing and inventory count – page 104

COVID-19 Webinars

Webinars <https://www.bd.com/en-us/support/mms-covid-19-customer-updates>

Inventory Management

Reports that provide visibility into vaccine inventory are available on the BD Pyxis Enterprise Server:

Refrigerated Devices Temperature Log (formerly SRM Temperature Log report) – BD Pyxis™ ES Refrigerator device has been added to this report along with the ability to filter between the BD Pyxis™ Remote Manager Temp Monitor and BD Pyxis™ Refrigerator storage devices.

Storage Space Failures and Recoveries Report – added new storage space type for BD Pyxis™ ES Refrigerator.

BD Pyxis™ ES Server reports

- Device Inventory
- Hospital Wide Med Summary

BD HealthSight™ Inventory Optimization functionality

- Enterprise Inventory Visibility - helps customers see where vaccines are stored and how many doses are on-hand so they can better coordinate patient demand.



- Shortage Manager – customers can use this function to further highlight visibility of the COVID-19 vaccines

BD Pyxis™ Logistics

Customers can setup a BD Pyxis™ Refrigerator as an Internal Storage Unit (ISA), then the inventory usage of vaccines could be reported.

The Inventory reports available in the BD Pyxis™ Logistics system are:

- Buyer Formulary Listing
- Days Since Last Cycle Count
- Item Location
- Item Ranking
- Items without Location
- Non-formulary Detail
- Non-formulary Summary
- Physical Inventory
- Proposed Prepack
- All Facilities Physical Inventory

Refrigerator Options / Freezer Options

BD Pyxis™ ES Refrigerator offers secure, single-line item access for vaccines and meets the CDC guidelines for the Vaccine for Children program. This is a pharmaceutical grade, purpose-built refrigerator that is specifically designed to store vaccines and other refrigerated medications.

- Temperature range is +36° F to +50°F (+2°C to 10°C)
- Temperature probe is +/- 1°F (+/- 0.5°C)

BD Pyxis™ ES 1.6 is required to use the integrated refrigerator.

Freezers are available from Helmer Scientific, Inc. To request sales support, visit <https://info.helmerinc.com/helmer-freezer-request> and complete the form.

BD Pyxis™ Remote Manager Temp Monitor (formerly known as SMART Remote Manager) is an option for customers that do not have a BD Pyxis™ ES Refrigerator, however other types of refrigerators do not have secure locked bins.

BD Pyxis™ Remote Manager Temp Monitor is not suitable for use on freezers, however BD Pyxis™ Remote Manager may be used.

Guidelines on expiration dates and storage conditions

Each pharmaceutical manufacturer provides the approved storage conditions for their specific COVID-19 vaccine, and those are being provided as fact-sheets on the respective pharmaceutical manufacturer's website.

The beyond use date for each distribution stage of the vaccine (e.g., storage, thawing, transport, preparation, etc.) are different between the manufacturers. Their respective websites will be updated with extended information and dating throughout the season.

The expiration date will not be displayed on the packaging or the container. Upon agreement of the FDA and the CDC, an initial date of 12/31/2069 will be used when the barcode is scanned.

Vaccine management workflow

