



VIGILANT



New Honeywell PC45D Thermal Printer

About the Printer/Technology

- **Purpose.** The Vigilant solution eliminates handwritten medication labeling practices, allowing Nurses and other Healthcare Providers to quickly, safely, efficiently, and consistently label IV tubing and syringes
- **Thermal Printer.** This means that there is no ink or toner in the printer. As the label is printed, the printer heats up certain areas of the label to bring the words and icons to the surface. You won't have to worry about ink running or smudging.
- **Networking.** The printer does not require pharmacy or IT integration to operate. The entire FDA drug library is built into the software of the printer.
- **Hardware and software maintenance.** Vigilant handles all hardware and software support for the system.

How to Obtain an IV Tubing Labels

- **Pre-mixed Medication.** If your infusion is pre-mixed from the manufacturer and has a pre-printed barcode on it, simply scan that barcode on the bag, bottle, or vial with the attached scanner
- **Compounded Medication.** If the medication has been compounded in your hospital pharmacy prior to being administered to the patient, print your medication from the touch screen of the printer. Infusions will be listed by name and contain the verbiage “gtt” next to it
- **Tubing Label Contents.** Tubing labels will contain brand and generic name, date and time infusion was started, high risk alerts, and a date change for when that tubing expires.
- **Placement of Labels.** IV tubing labels can be placed below IV tubing drip chamber and by y-sites

Examples of IV Tubing Labels

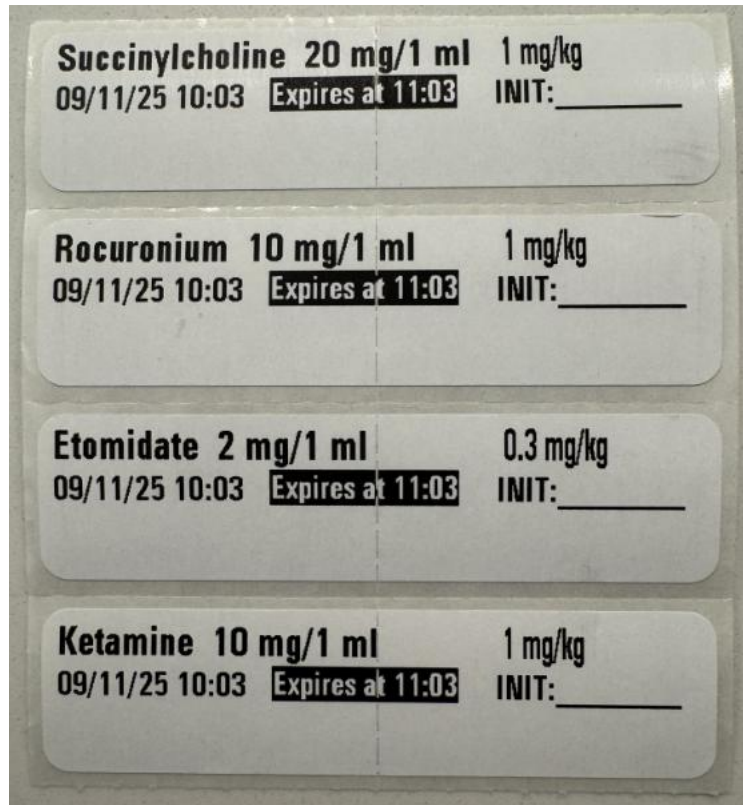


How to Obtain a Syringe Label

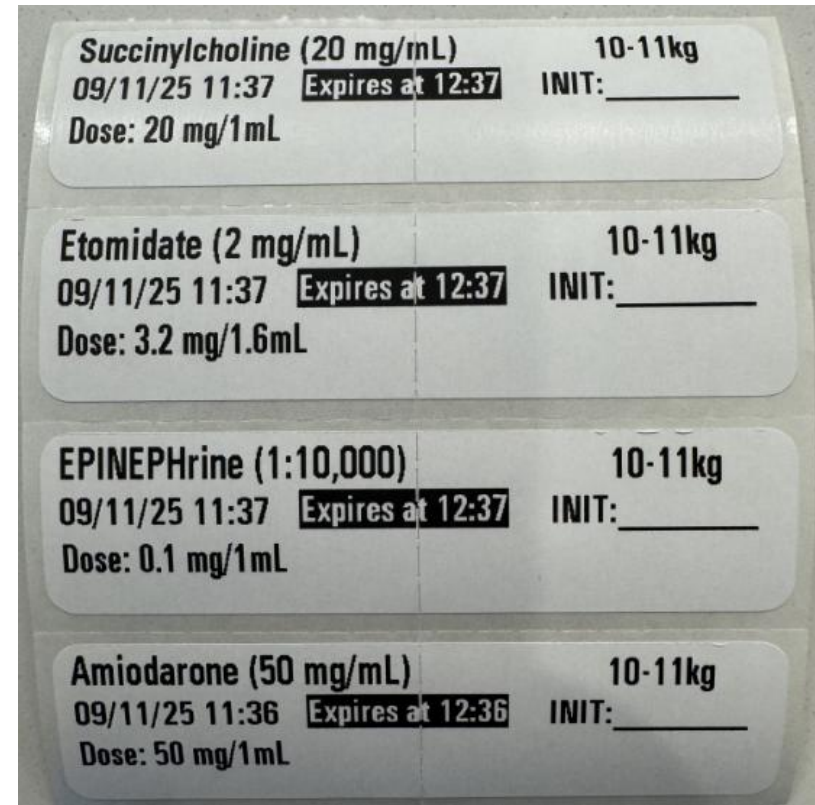
- **Disclaimer.** All syringe labels MUST be printed from the touch screen.
- **Adult vs. Pediatric.** Adult labels will include date/time, drug name, and medication concentrations. Pediatric labels will include date/time, drug name, concentrations, weight selected, and weight-based dosing.
- **Individual Label.** Print your label from the touch screen of the printer by clicking on a light grey colored button
- **Adult Medication Kits.** You can print a set of labels (RSI, Cardiac Arrest, Etc.) by clicking on a dark blue button on the touch screen
- **Pediatric Medications and Kits.** Click on the green Pediatric button from the main touch screen, select the patient's weight, and then click on a kit (dark blue button) or individual medication (light grey button)

Examples of Syringe Labels

Adult



Pediatric



Video Demo

- To view a Video Demo on the functionality of the printer, click on the link below
- <https://vigilantsoftware.io/wp-content/uploads/2025/06/ED-Video-2.mp4>

How to Back Time a Label

➤ We know times get busy and you won't always have time to print labels at the time the infusion was started. Don't worry, you can back time your labels by following these steps:

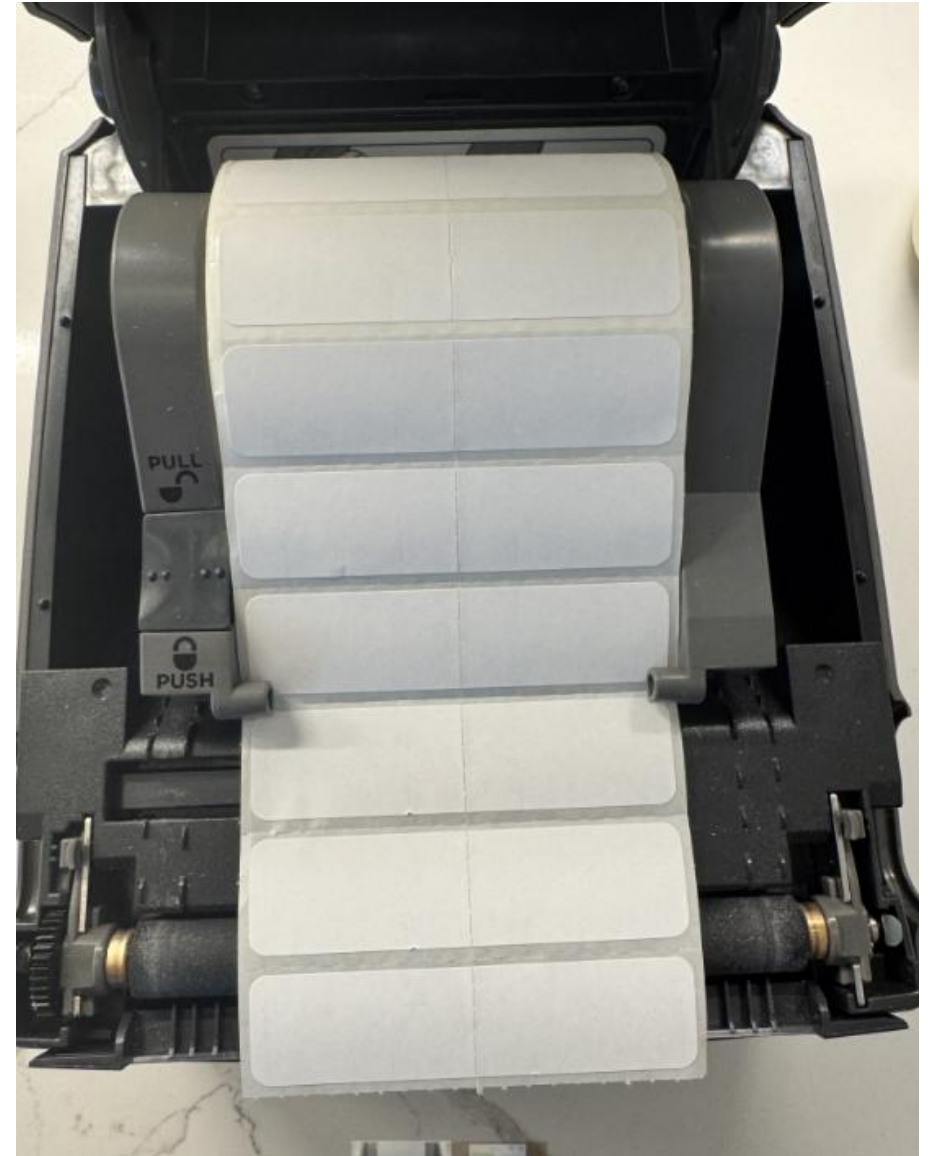
1. Click on the clock icon in the left lower corner of the touch screen
2. Select the number of hours you want to subtract from current time
3. Click on the green colored check mark
4. Print your label
5. The printer will default back to original date change settings after label is printed

What if I Have Scanned a Pre-mixed Infusion and no label prints?

- This does not mean that the solution is not working
- It means that the associated NDC code for that medication is a newly released code by the FDA and it is not in the printer library yet
- In the moment, follow these steps:
 1. Navigate to the touch screen and manually print the label
 2. Take a picture of the bag (including the medication name and the barcode printed on the bag)
 3. Send that picture to your leader so that they can send it to Vigilant
 - Staff can also send Vigilant a support request by following the instructions at the bottom of the blank label that printed
 4. Vigilant will send the leader a QR code to scan at each printer so that NDC code will be uploaded into the library permanently

Changing the Label Roll

- Changing the label roll is very simple
- Simply slide the two side clips forward to open the top of the printer
- Insert the new roll so that it looks exactly like the picture to the right
- Close the lid
- The printer will automatically align to the next full label



How to Update the Time

- **Since the printer is stand alone and not connected to wi-fi, you might need to manually update the time on a daylight savings day**
 1. Scan the barcode on the side of the printer with the attached scanner
 2. The first option in that menu is “Set Time”
 3. Click on that option
 4. Change the time manually on the touch screen
 5. Click on the home button twice to return printer to home screen