

# ***HOBIT Technical Safety Bulletin No. 6***

***SUBJECT: Drip Monitor for Baxter 6201 Flo-Gard IV Pump***

***Issue Date: 10/22/19***

## **TOPIC:**

Inaccuracy of drip rate and volume while using the Baxter 6201 Flo-Gard IV Pump for monoplace applications.

## **TESTING:**

The Baxter 6201 Flo-Gard IV pump was set up to dispense normal saline into a test subject pressurized inside a monoplace chamber. The IV tubing was occluded to verify the function of the occlusion alarms. It was observed with this particular pump, that the occlusion alarm did not function however the pump's display continued to show a drip rate and an accumulated volume. This test was repeated using another/different Baxter 6201 Flo-Gard, and the occlusion alarm did activate.

## **DISCUSSION and USE:**

Our concern is that during a HOBIT treatment there may be an IV occlusion and the Baxter pump's occlusion alarm fails to activate and not be observed by the attending nurse. In order to add another level of safety we are providing three (3 each) drip monitoring devices called "DripAssist" to monitor up to three (3) critical IV lines at each HOBIT site. These are FDA approved infusion rate monitors manufactured by Shift Labs in Seattle Washington. Accuracy is within 1% with alarms for deviations of 12% to 14% of the expected rate. A User's Manual is provided with each unit which should be carefully read and followed for setting up your DripAssist monitor on each IV line. Please pay special attention to where the "drip" is to "free fall" through the light sensing area of the DripAssist monitor. We have tested these devices on Baxter 6201 pumps and found them to be accurate while infusing during pressurization and depressurization of the monoplace chamber. Please refer to the Shift Labs website at: [www.shiftlabs.com](http://www.shiftlabs.com) which also provides free webinars for additional training. We would encourage at least one RN staff member to review all of the DripAssist training material and become a resource for using the DripAssist at each HOBIT site. Please view a brief introduction here:

<https://youtu.be/xN9tBAM5cs0>

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No calibration or maintenance, ever



Portable - runs for 360 continuous hours on a AA battery



Works with any tubing size and most drip sets



Learn in less than five minutes



Manufactured in USA

Please contact me with any concerns or questions.

Thank you,

**Bill Gossett** CHT, RRT

Director of Hyperbaric Technical Operations

HOBIT Trial | HennepinHealthcare Research Institute

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