



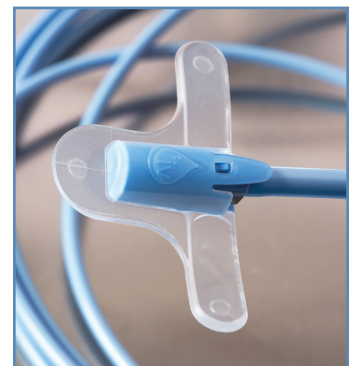
ivWatch Model 400

# The ivWatch Model 400

Advancing Patient Safety through Continuous IV monitoring

The ivWatch Model 400 is the only medical device and biosensor technology solution that continuously monitors the IV site, aiding in the early detection of IV infiltration and extravasation events. The device helps increase the effectiveness of intravenous therapy, improve patient safety, and minimize patient harm.

- ▶ A patient monitoring device that uses a non-invasive optical sensor to illuminate the tissue near the IV site.
- ▶ The sensor uses visible and near-infrared light to detect changes in the optical properties of the tissue near the IV insertion site.
- ▶ Changes in the tissue properties are processed and displayed on the patient monitor.
- ▶ Visible and audible notifications to alert clinicians of an infiltration or extravasation event.
- ▶ Compatible with Philips Patient Monitors.
- ▶ Ability to document the IV status during a patient assessment directly from the device.
- ▶ IV assessment data can be captured in electronic medical record (EMR) systems via integration with the ivWatch Model 400.



## THE COMPLETE SYSTEM INCLUDES:

- ▶ Patient monitor
- ▶ Reusable sensor cable
- ▶ Disposable sensor receptacle





ivWatch Model 400

## BENEFITS:

### Improves Patient Safety and Outcomes

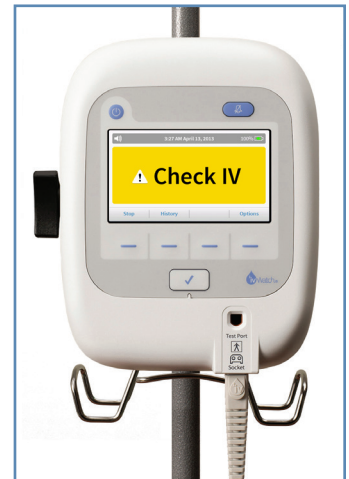
- ▶ Continuous IV monitoring alerts caregivers if conditions indicate an infiltration has occurred, minimizing the risks of IV therapy.
- ▶ Ensures that time-sensitive, life-saving drugs or fluids are being delivered through the vein as intended and helps reduce medication dosing errors.
- ▶ High sensitivity in very low volumes.: detection in as little as 0.22 mL of IV fluid and average detection at just over 3mL of IV fluid
- ▶ Facilities using Philips Patient Monitors will see early infiltration detection notifications on in-room and remote nurse station monitors allowing clinicians to respond quickly to events and minimize patient harm.

### Streamlines Nurse Workflow

- ▶ Provides real-time infiltration status of patients' IV site and documents bedside nurse assessments.
- ▶ Infiltration/extravasation data can be integrated into the EMR, reducing staff time associated with documentation.
- ▶ Increases nursing satisfaction through high device reliability and low false alarm frequency.
- ▶ Aids in accurate information exchange during shift changes as visual notification helps staff quickly recognize a previous red Check IV notification.
- ▶ One-click assessments improve overall workflow, saving clinicians' time throughout every shift.

## FEATURES:

- ▶ Clinician tested, easy-to-use technology to integrate into existing care workflow
- ▶ Flexible, 10-foot sensor cable permits patient mobility
- ▶ Signal processing techniques account for patient motion
- ▶ Bedside IV Assessment Tool
- ▶ Activity log includes history of IV checks and monitoring events
- ▶ Compatible with Philips Patient Monitoring Systems IntelliVue MP40-90 and MX400-800 through the IntelliBridge EC10 Interface Module or IntelliBridge EC10 integral Interface Board with Open Interface Driver (ED101) and EC5 ID Module
- ▶ EMR integration capabilities through Philips Monitoring Systems
- ▶ Large, LCD display
- ▶ Clearly defined IV state screens
- ▶ Automatic Daylight Savings Support



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\*Bonnema, G. T., Scheers, G.T., and Naramore, W. J. (2014). ivWatch Model 400: Device Validation for Infiltrated Tissues. Internal Article.

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