06.15.2016

FROM THE DESK OF:

Anthony P. Weiss, MD, Chief Medical Officer, Associate Dean for Clinical Affairs, Upstate University Hospital



### **Masimo Patient Safety Net**

Applies to All Physicians

#### What is it?

The Masimo Patient Safety Net System is a bedside monitoring system designed for use on the general medical/surgical units. The system captures continuous pulse oximetry and has the capability for monitoring respiratory rate acoustically. The monitoring of the patients is wireless allowing the patients to be mobile. It provides nurse notification via vocera when any parameters are out of range.

Masimo Informational

#### Who is using it?

The Masimo Patient Safety Net System is currently installed on 6 and 4N at the Community Campus. Downtown, the system is installed on 5A and will be installed on 5B (6/20) and on 7A (7/11)

#### **Education is available**

In-services are currently available on 5A. Additional inservices will also be available the week of 6/20 on 5B and the week of 7/11 on 7A. Providers are welcome to attend.

5B classes will be 6/20 and 6/21 on 5B 0500-0630 with Go Live on 6/22/16

0730-0900

0930-1100

1130-1300

1330-1500

1600-1730

7A/B classes will be on 7/11 and 7/12 on 7A with go live on 7/13/16.

#### What else does it do?

This system is designed to catch early desaturation and decreased respiratory rate in patients who are on narcotics, have Obstructive Sleep Apnea or bariatric patients. The system can make available to the providers a continuous oximetry report.

#### How accurate is it?

The pulse oximetry can read through motion which gives it greater accuracy than our current equipment. The Acoustic Respiratory Rate (RRa) is placed on the neck of the patient near the trachea and has the ability to measure the patient's actual respiratory rate. Both of these cables hook into a small box called the Radius 7 which is worn on the patients arm and wirelessly reports

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HIGH ADVISORY-High priority does not warrant immediate action but recipients should be aware.

ADVISORY-Provides very important information for a specific incident or situation that does not require immediate action.

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readings to the monitor in the room and at the central station. It also works as a stand alone monitor when the patient ambulates in the hallway.

#### Has it been helping?

We have had some very good catches since we have gone live with this system. We had a young woman whose RR was 4 and when staff checked the patient, she was indeed breathing at a rate of 4, and was difficult to arouse. If this patient had not been monitored the outcome may have been very different. There have also been patients who have had arrhythmias that were detected because of the pulse rate sensor and were appropriately transferred to telemetry.

#### Will this require a physician order?

No the Patient Safety Net is a Nurse driven protocol.

#### Which patients get selected?

All patients on the units that have the Patient Safety Net will be placed on continuous SpO2. As for the Acoustic Respiratory Rate (RRa) the criteria is as follows:

- Patients receiving IV Opioids/PO Narcotics (still in discussion whether PO Narcotics)
- b. Patients receiving supplemental oxygen
- c. Patients with a BMI greater than or equal to 35
- d. As per specified Medical Provider Order or Nursing assessment.
- e. Contraindications to RAM monitoring include patient's with C-collars, ENT surgery, tracheostomy,

#### Do Physicians need to define parameters for contacting them?

No the parameters are already set based on evidenced based practice. Nurses have the ability to increase or reduce parameters on the Pulse Rate and Respiratory Rate by 10% based on patient assessment. After that the Physician may get called to discuss the patient's condition and the need for more interventions.

#### Is this in lieu of telemetry?

No but if the patient is on telemetry just for SpO2 then the Patient Safety Net is all they need.

#### Does this change who is being put on telemetry?

We have found several patients that needed telemetry that we did not know prior to putting them on the Patient Safety Net.

#### Does it apply to Pediatrics?

Not at this time.

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### **Outstanding Physician Comments**

Applies to All Physicians

Comments Informational Each week we receive written comments from our patients regarding the care we provide within the Hospital. Below are this week's comments from grateful patients receiving care on the units and clinics at Upstate:

Emergency Dept @ Community Campus – Dr. Brenner and his nurse were kind and they

Dr. Brenner and his nurse were kind and they made my daughter and I feel very comfortable.

Thank you!

Dr. Mangano provided better than expected care and services!

**8F** - Dr. Wallen is amazing.

8G- Dr. Chaudhuri was awesome to my family and I.

**Dental Service** – Dr. Galvin is so empathetic with her patients while remaining professional. I hope she has a wonderful career.

I really enjoyed my time spent with Dr. Galvin.

**Upstate Pediatrics** – Dr. Sisskind seems to generally care about the kids and is very easy to talk to.

University Center for Vision Care— Dr. Swan is a very good doctor. He worked around our

family time and his dedication to help me; and talked to my other doctor for information.

Dr. Alpert – his willingness to meet with me when I was available. Also, his expertise and concern for my well being.

Dr. Alpert is extremely knowledgeable and pleasant.

Joslin – I have a great deal of confidence in Dr. Dhaliwal in regard to my care.

As always, Dr. Lipeski was amazing. She made the effort to see us.

Dr. Weinstock – top rate.

Surgery - UH – Dr. Hanna and all his crew were great. There was one that came every morning to check on me. The best crew ever met.

**University Cardiology** – Dr. Szombathy is a very caring doctor.

University Geriatricians – Dr. Berg is always very compassionate and always listens so closely. We always feel we can tell her anything because we are so comfortable with her.

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Psychiatry Inpatient – Corie, Dr. Rubinchik, Penny, Brian, Emily. They were sensitive towards other feelings and overall extremely welcoming.

Dr. Leddy-very attentive and kind.

Breast Imaging – Dr. Adhikary and Dr Akhtar did an excellent job describing what I would expect every step of the way.

**Gamma Knife** – Dr. Krishnamurthy & Dr. Lacombe - Informative, concerned, professional, thorough - awesome.

**Hepatobiliary Clinic** – My entire team of doctors, i.e., Dr Jain and Kittur, great job. **University Pediatrics and Adolescent Center** – Dr. Grant very loving and kind. **Upstate Golisano After Hours Care** – Dr. Andrake was very efficient.

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