

## **Provider Communication: DUH Cardiac Telemetry Changes –Begins December 4, 2018**

As DUHS has upgraded to the Philips cardiac monitoring platform, the DUHS Monitoring Oversight Committee, Cardiac Monitoring Subcommittee, and Nurse Executive Committee reviewed benchmarks for monitoring and mapped the DUHS strategic vision and approach for cardiac telemetry monitoring.

A consensus was reached to transition to unit-based monitoring for inpatient units who have historically been monitored remotely by Central Telemetry. This unit-based approach is used by nearly half of US hospitals, even in organizations without the added safety and technology features of our Philips fleet. This technology makes unit-based telemetry a viable and safer option for our patients, allows standardized monitoring across inpatient units and is within nursing scope. In addition, DUHS alarm optimization work has decreased overall alarms by 74-92%. The nursing staff have training, competencies, and ongoing support from Central Education and Professional Development (CEPD) for this rollout and ongoing work.

### **What you need to know:**

The new Philips technology deploying across DUH and DUHS is now ready for deployment to those units previously monitored in Central Telemetry. The new system for telemetry monitoring:

- Allows staff to view rhythm/rate on the telemetry box (see below)
- Allows providers to view patient's rhythm and historical alarms at unit central monitor
- Sends critical alarms **immediately** to nurse phone (secondary notification) with a tiered safety rollup to the buddy nurse and charge nurse
- Allows strips to be sent to directly to Maestro for viewing
- Has programmable features to reduce number of overall and false alarms

### **How does provider workflow change with unit-based monitoring?**

**You will continue to order telemetry monitoring in the same fashion.** Please remember that patients being monitored with telemetry should have clinical indications, and this initiative should not increase the number of patients monitored. Major benefits of unit-based monitoring are the ability to view patients' real-time and historical rhythms at the unit central station and ability to print strips and review historical alarms in Maestro.

**Please do not change any telemetry or monitoring settings unless you have been properly trained by our CEPD department. For additional resources please go to:**

<https://intranet.dh.duke.edu/hospitals/duh/duhedcouncil/SitePages/Cardiac%20Monitoring%20Champion%20Program.aspx>

<https://intranet.dh.duke.edu/hospitals/duh/duhedcouncil/Philips%20Monitor%20Resources/Forms/AllItems.aspx>

### **Timelines for Upgrade:**

Dec 4-6: Units 7800, 2100, 2300, 2200, 3200

Dec. 11-12: Units 6300, 9100, 9300

Jan. 22-23: Units 4300, 8100, 8200, 8300

Jan. 29: Units 6100, 5700, 5800

**Please contact us if you have any questions.**

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