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# A closer look at Labor and Delivery trends in the U.S.

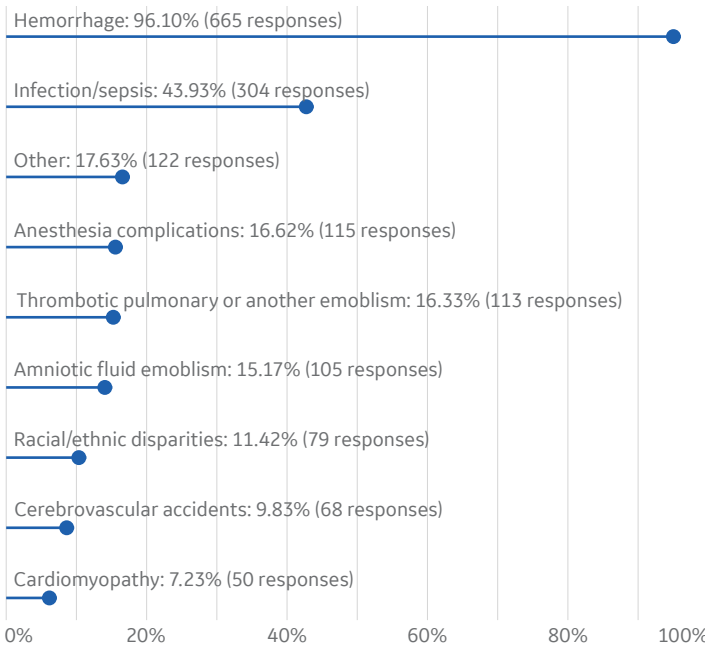
In the age of modern healthcare, labor and delivery is changing. It's becoming more advanced. Modern technology has elevated our quality of care. But there is still progress to be made to further reduce critical issues, especially those affecting the rise in maternal and infant morbidity/mortality. GE Healthcare is working together with the Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN) to discover what these critical issues and topics are. The following case study outlines our findings, from a survey of labor and delivery nurses across the U.S.



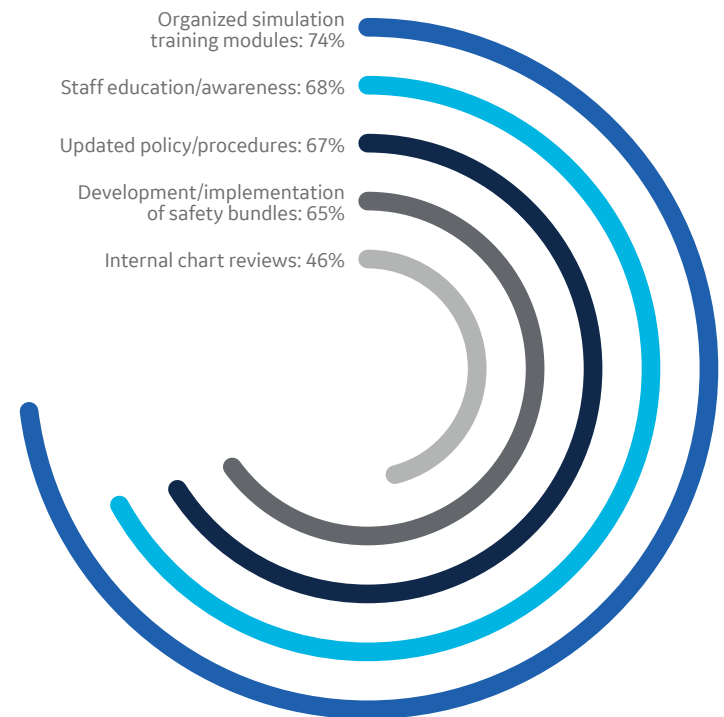
# Leading causes of rising maternal morbidity and mortality



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## Top 5 ways hospitals are addressing the problem



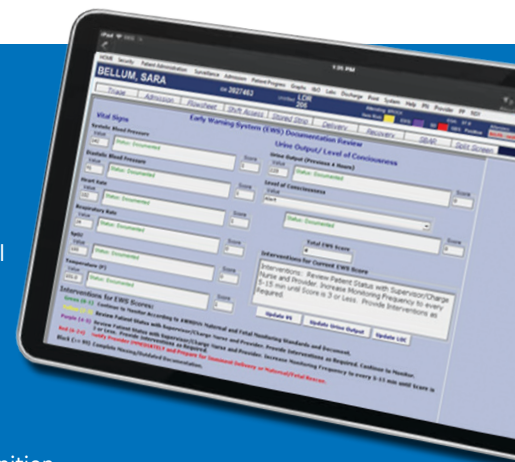
**The leading cause of pregnancy-related deaths are heart disease and stroke, which cause more than one in three deaths during and after pregnancy.<sup>1</sup>**

## Did you know?

More than 40-50% of maternal morbidity and mortalities could be prevented with early-warning recognition and intervention.<sup>1</sup> That's because early signs of life-threatening conditions can be difficult to detect. The Centricity™ Perinatal Maternal Early Warning System (EWS) can help clinicians follow hospital protocols. Frederick Memorial Hospital in Frederick, Maryland, recently implemented the EWS and stated, "Not only could Centricity Perinatal and the Early Warning System be tailored to the unique needs and protocol of our obstetrics unit, they also added another layer of security and confidence for labor and delivery nurses."

— Lori Davies, Clinical Nurse Specialist, Labor and Delivery – Frederick, MD

- Fetal heart rate baseline
- Fetal heart rate changes
- Singleton or twins fetal monitoring—no gestational age limitations
- Decelerations—early, late, variable, and prolonged using National Institute of Child Health and Human Development (NICHD) definition
- Uterine activity—frequency and duration, peak intensity, and resting tone along with MVU calculation
- Contraction pattern

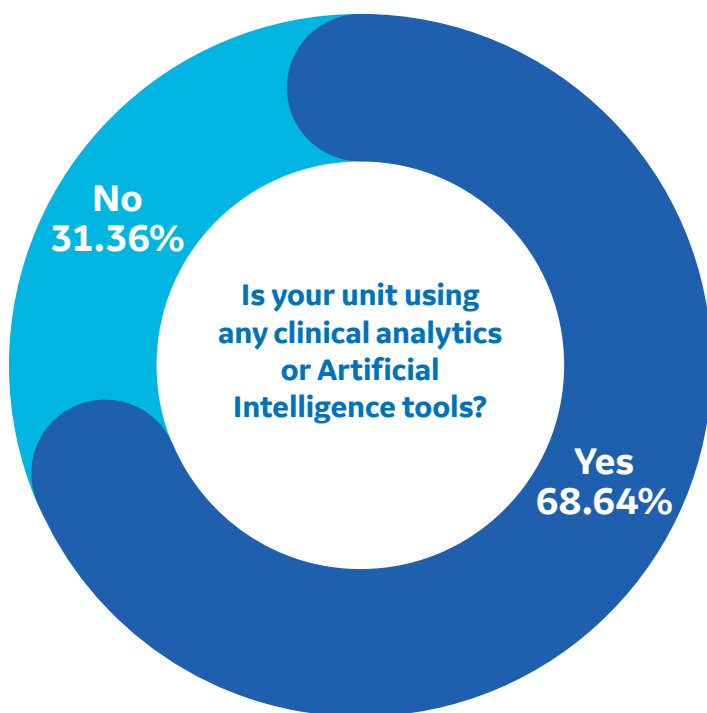


<sup>1</sup> Davies, L., MSN, RNC-OB, APRN-CNS, & Clark, R., RN, (n.d.). Implementing a Modified Early Obstetric Warning System: An Interprofessional Collaboration [Scholarly project]. A poster based on an informational study conducted by nursing staff at Frederick Memorial Hospital

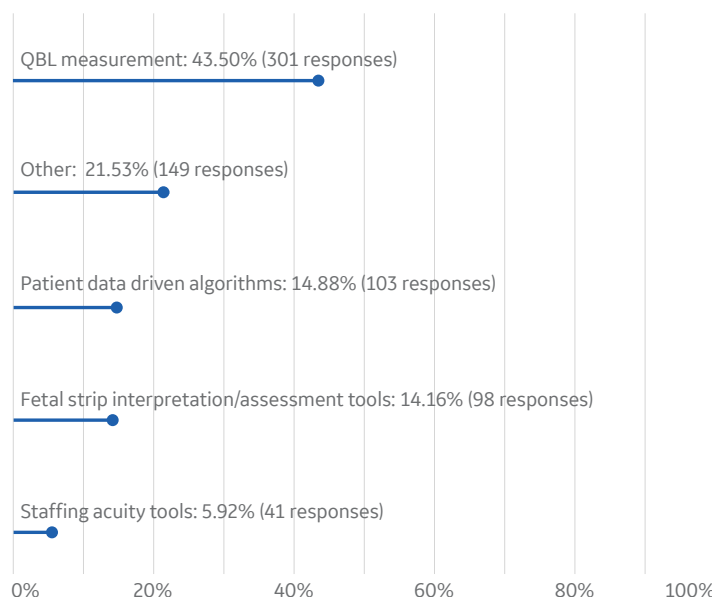
# Average use of AI and clinical analytics tools in labor and delivery units



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## Top 5 clinical analytics and artificial intelligence tools



## Did you know?

GE Healthcare's Centricity™ Perinatal Connect module with the fetal monitor strip analytics tool streamlines communication and can help lead to faster, more informed decisions.

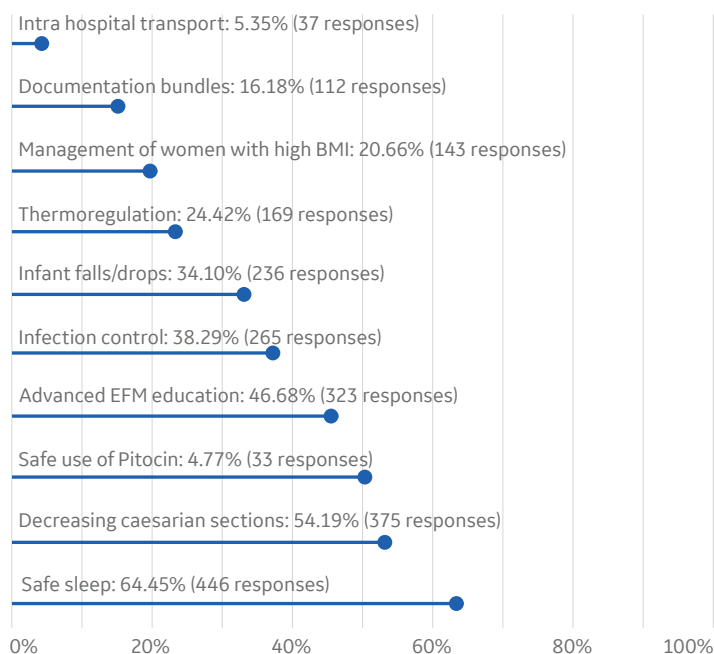
- Provides risk management tools designed to flag abnormal values like Maternal Early Warning System, hemorrhage risk, sepsis, and others
- Streamlines communication by providing all your data in one place—without having to collect it from multiple machines and software
- Delivers quick access to vital patient data, so you can make faster, more informed decisions



# 10 most common safety initiatives used in U.S. hospitals



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## Further elevate your safety protocols

Centricity Perinatal has convenient Pitocin checklists that can be configured directly to the fetal monitoring strip for optimized workflow and enhanced safety.



## Did you know?

GE Healthcare's HALO® Bassinet® meets the American Academy of Pediatrics (AAP) recommendations for a safe-sleep environment including:

- **Room-sharing without bed-sharing:** Tuck-under-bed design provides ideal footprint for close, but separate sleep spaces
- **Firm sleep surface:** Firm mattress with a fitted sheet as recommended by AAP helps reduce the risk of Sudden Infant Death Syndrome (SIDS)
- **No tilting or incline:** Bassinet tub does not incline or tilt as recommended by AAP guidelines, which indicate that inclining may compromise respiration if infant slides to the foot of the bed; AAP also states there is no evidence in the practice of elevating the infant head to prevent gastroesophageal reflux

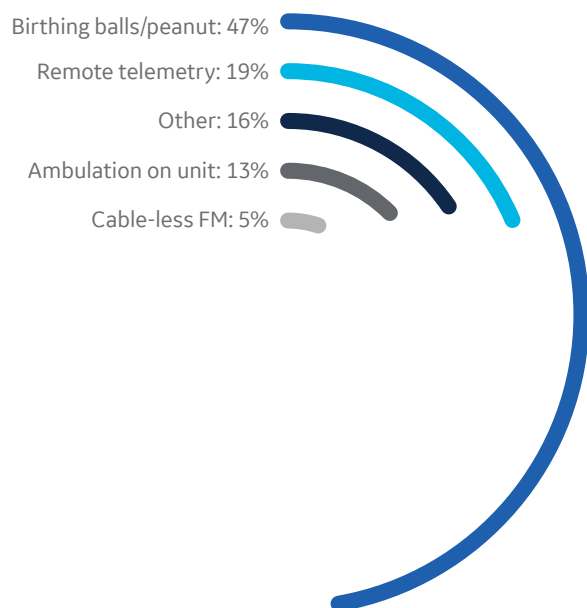




# Top 5 ways hospitals are encouraging movement in labor



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Answer choices	Number of responses
Birthing balls/peanut	327
Movement/positioning wireless FM: Remote telemetry	129
Other	111
Ambulation on unit	89
Cable-less FM: Abdominal ECG EMG	36
<b>Total</b>	<b>692</b>

## Did you know?

GE Healthcare's Novii™ Wireless Patch System gives moms more freedom, more mobility, and more flexibility with their labor and birthing choices. With no belts, no cords—it offers a non-invasive, fetal heart rate (FHR) monitoring solution that puts patient comfort first.

- Gives moms the freedom of mobility with no belts, no cords
- Provides access to accurate data in one, convenient place
- Optimizes caregiver workflow by making data easier than ever to access
- Integrates with your existing systems easily

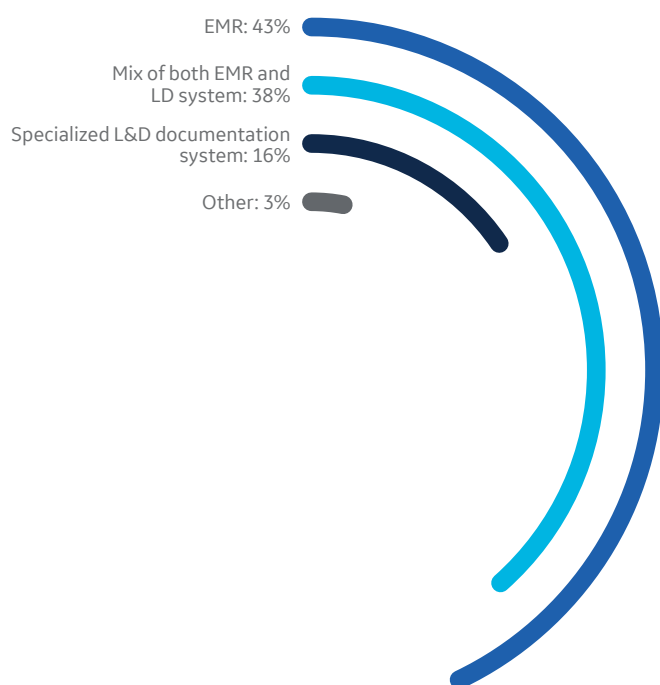


# The top platforms used for Labor and Delivery documentation



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With more sites moving to Electronic Medical Record (EMR) documentation, it's critical that clinicians are still able to meet their clinical workflows without impacting patient care. Here's a closer look at the most common platforms used for Labor and Delivery documentation throughout the hospitals surveyed:



Answer choices	No. of responses
EMR	297
Mix of both EMR and LD system	266
Specialized L&D documentation system	108
Other	21
<b>Total</b>	<b>692</b>

## Did you know?

GE Healthcare helps hospitals meet their hospital IT goals, while assuring current workflow is not impacted. Our clinical team works around the way you work. They're able to consult with your unit to ensure workflows are enhanced and complemented with the electronic documentation you need to support your clinical operations.

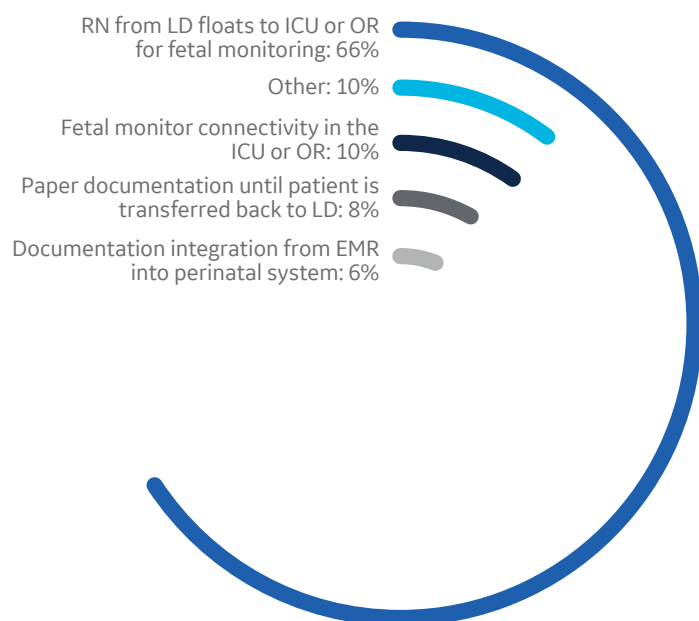


# The most common ways C-section patients are monitored



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Whether in the ICU or OR, here are the common ways C-section patients were monitored in the hospitals surveyed:



Answer choices	No. of responses
RN from LD floats to ICU or OR for fetal monitoring	455
Other	71
Fetal monitor connectivity in the ICU or OR to allow visualization of fetal strip in LD	68
Paper documentation until patient is transferred back to LD	56
Documentation integration from EMR into perinatal system	42
<b>Total</b>	<b>692</b>

## Did you know?

GE Healthcare's Centricity Perinatal has a number of tools that can assist with critical patients that need to be monitored off of the LD Unit—allowing flexibility with configuration to accommodate different patients and cases.

- **Centricity Perinatal Web module** allows for remote viewing of the fetal strip when and where you need it
- **New Connect Central** lets caregivers view all patients on all units, while providing the ability to prioritize a fetal strip and scroll back on the active strip
- **Flying workstations** allow Centricity Perinatal to be used in units like ICU or ER





Imagination at work

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