



MDPQC

**Newborn Hypoglycemia Office Hours:
HEART Results Summary
7/9/2024**

H.E.A.R.T. Response

Hospital **E**ngagement **A**nd **R**eadiness **T**ool: Newborn Hypoglycemia

- 24 responses out of 30 recruited hospitals













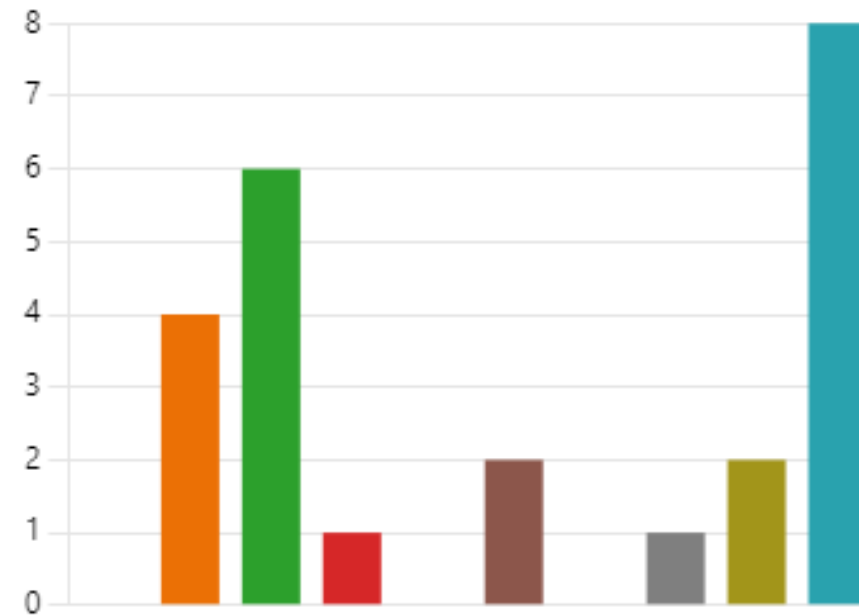
Hospital Positions

3. What is your position at the hospital?

[More Details](#)

 Insights

	Medical Director of Neonatolog...	0
	Nursing Director	4
	Unit Manager (Head Nurse)	6
	Neonatologist	1
	Pediatrician	0
	Nurse Educator	2
	Clinical Nurse Specialist	0
	Well-Baby Nurse Lead	1
	NICU Nurse Lead	2
	Other	8





Levels of Neonatal Care

4. What level of neonatal care does your hospital provide?

[More Details](#)

 Insights

 Level I	4
 Level II	7
 Level III	11
 Level IV	2



QI Teams

6. Has your hospital assigned a multidisciplinary team to lead implementation of the hypoglycemia initiative?

[More Details](#)






- Yes, an existing team 9
- Yes, a new team 8
- No, we have not yet assigned a ... 7

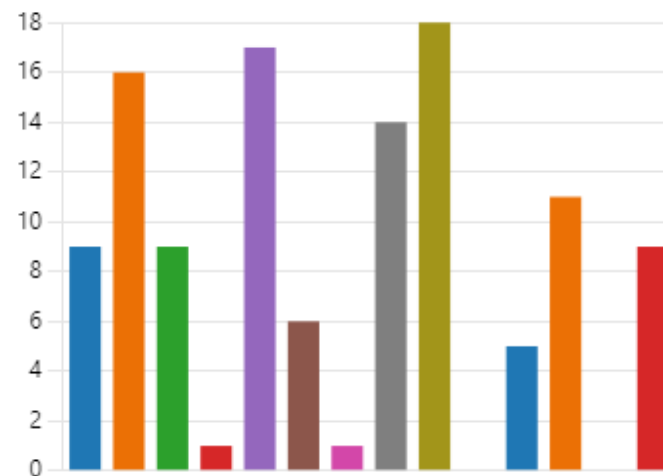


QI Teams

7. What are the roles of the members of your multidisciplinary QI team? (select all that apply)

[More Details](#)

 L&D Nurse	9
 Nursery Nurse	16
 NNP	9
 PNP	1
 Physician	17
 Pharmacist	6
 PA	1
 Pediatric/Neonatal Department ...	14
 Nurse Manager	18
 Lab	0
 IT/EMR	5
 Quality Department Staff	11
 Infection Control Staff	0
 Other	9



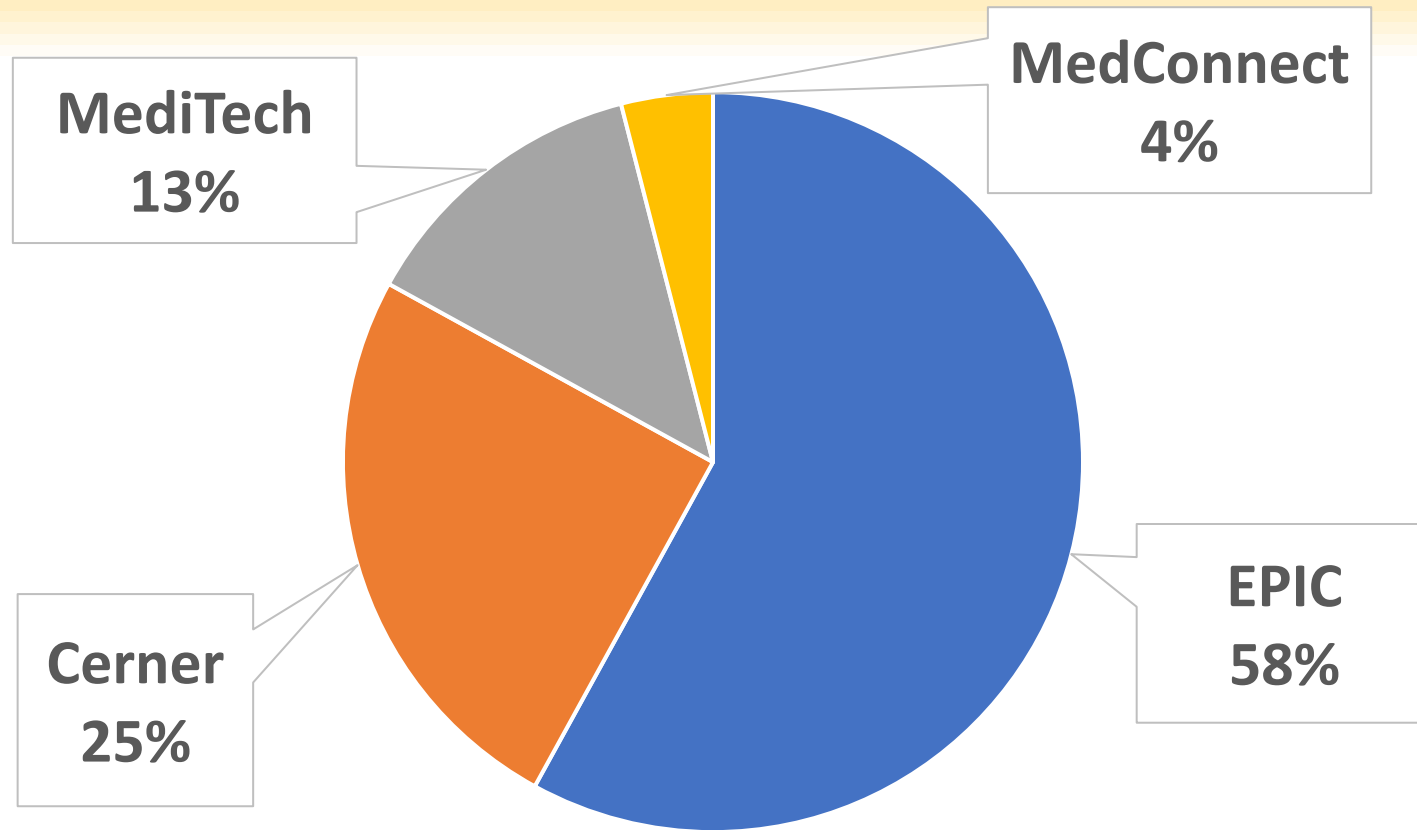
QI Activities

Other QI initiatives hospitals are working on among newborns:

- Safe Sleep/Newborn Falls, Eat Sleep Console, Exclusive Breastfeeding, etc.



Electronic Health Records



■ EPIC ■ Cerner ■ MediTech ■ MedConnect

Other systems hospitals use: Babysteps, Pediatrix, Athenanet, etc



Defining Newborn Hypoglycemia

Q22. How does your hospital define an infant with hypoglycemia?

- 0 to 4 hours of age: <40mg/dL; 4 to 24 hours of age: <45mg/dL; 24-48 hours: <50mg/dL
- NICU – less than 45mg/dL after 4 hours of age, less than 60 mg/dL after 4 days of life

Q23. How does your hospital define infants at-risk for hypoglycemia?

- 0% of respondents follow Pediatric Endocrine Society definition
- 79% of respondents follow American Academy of Pediatrics definition
- 21% of respondents follow their own definition

Q24. If you responded that you have your own definition for infants at-risk for hypoglycemia, please include it here.

- A combination of PES and AAP guidelines
- Using other indicators such as LGA, SGA, Infants of Diabetic Mother, Infants who are symptomatic



Hospital Prevalence of Hypoglycemia

Q25. How many babies in 2022 met your definition as having hypoglycemia?

- Minimum = 73
- Maximum = 1,543

Q26. How many babies in 2022 had an ICD-10 code for hypoglycemia (P70.4) in your facility?

- Minimum = 13
- Maximum = 227

Q27. Where are babies treated with hypoglycemia that require IV fluid?




- 13% of respondents indicated Well-baby Nursery
- 79% of respondents indicated Specialty Care Nursery (includes NICU)
- 8% of respondents indicated Both, depending on severity of symptoms



Donor Breastmilk

29. Does your hospital currently use donor breastmilk?

[More Details](#)

	Yes - in all infant care areas	3
	Yes - only in the Specialty Care ...	10
	No	11







Glucose Gel

30. Does your hospital currently use glucose gel?

[More Details](#)

 Insights

	Yes - in all infant care areas	13
	Yes - only in well-baby nursery	9
	Yes - only in the Specialty Care ...	0
	No	2



Q31. At what serum glucose level do you initiate the use of glucose gel?

- Glucose < 40mg/dL for term and < 45mg/dL for preterm
- Less than 45 mg/dL

Q32. How many doses of glucose gel are used before the infant must be transferred to a higher level of care?

- Majority of respondents indicated anywhere from 2-4
- One respondent indicated up to 6



Initiative Readiness

33. Initiative Readiness: Please rate your level of agreement with the following statements about your hospital's readiness to implement the MDPQC newborn hypoglycemia initiative.

[More Details](#)

■ Strongly Disagree ■ Disagree ■ Neither Agree nor Disagree ■ Agree ■ Strongly Agree

Our providers have the knowledge and skills to follow protocols.

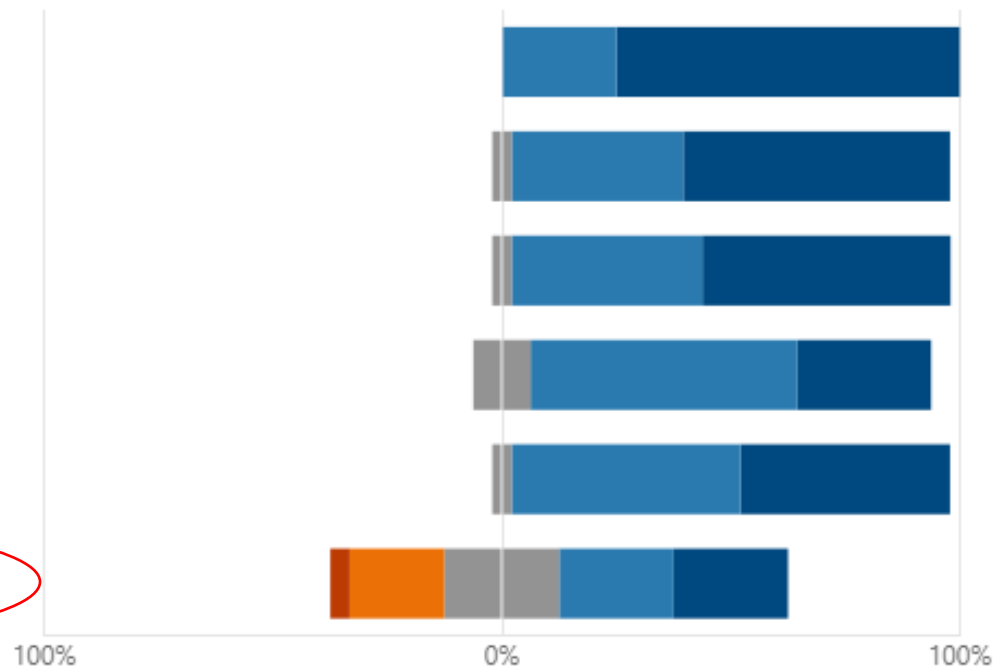
We have provider (physicians and NNPs/PNPs/PAs) champions who are willing to advocate for the...

We have nurse champions who are willing to advocate for the MDPQC initiative and devote effort...

Our unit regularly gets ideas and help from other hospitals to improve care.

Implementing a newborn hypoglycemia initiative will improve our patient safety measures.

Our team is able to easily access the data that we need to track the measures for the MDPQC newbor...



Our team is able to easily access the data that we need to track the measures for the MDPQC newborn hypoglycemia initiative.



Quality Improvement Culture

34. Quality improvement culture: Please rate your level of agreement with the following statements about your hospital's quality improvement culture.

[More Details](#)

■ Strongly Disagree
 ■ Disagree
 ■ Neither Agree nor Disagree
 ■ Agree
 ■ Strongly Agree

Providers (physicians and NNPs/PNPs/PAs) on our unit are usually supportive of quality improvement...

Nurses on our unit are usually supportive of quality improvement initiatives.

Our unit usually has the resources it needs for quality improvement initiatives.

Our team has adequate time to work on QI initiatives.

Most providers on our unit follow new policies quickly.

Most nurses on our unit follow new policies quickly.

Providers and nurses here work together as a well-coordinated team.

Morale is high on our unit.

Our hospital's leadership supports quality improvement.

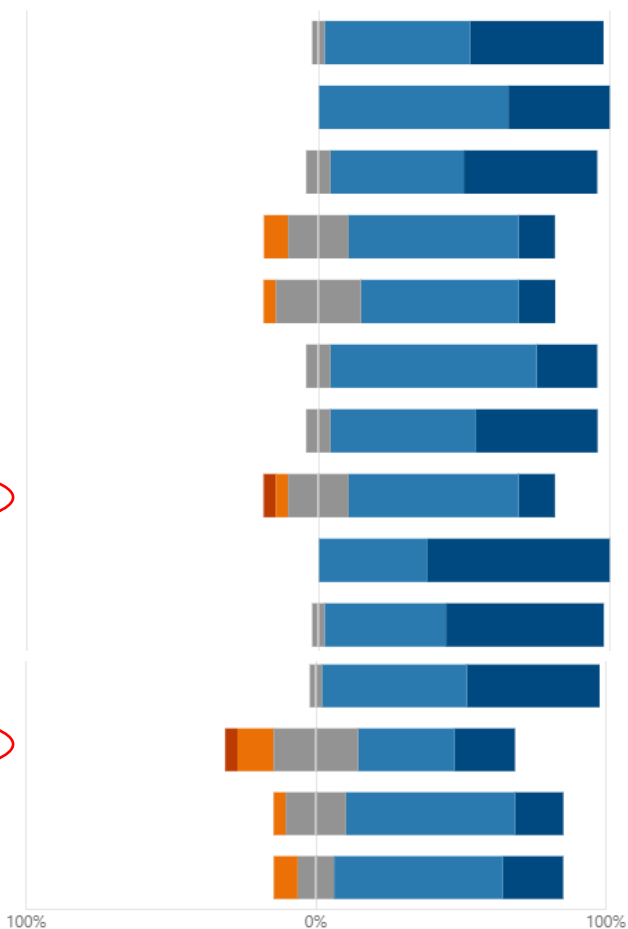
Our unit has the right team to lead QI initiatives.

Our team is successful at implementing new policies and procedures.

Our team is able to easily add protocols or reminders to the electronic medical record system.

When we encounter a problem with a QI initiative, we are able to solve it quickly.

Our unit has systems in place to give feedback to providers about quality of care.



Morale is high on our unit.

Our team is able to easily add protocols or reminder to the electronic medical record system.



Social Drivers of Health

35. Does your hospital screen for Social Drivers of Health (SDoH)?

[More Details](#)

Yes	19
No	2
No, but we are interested in it.	3



36. How does your hospital collect information on Social Drivers of Health?

[More Details](#)

[Insights](#)

Verbally administered by hospit...	17
Self-administered, online or in p...	1
Telephonically after visit	0
Self-completed, paper or virtual ...	1
We do not collect information o...	5

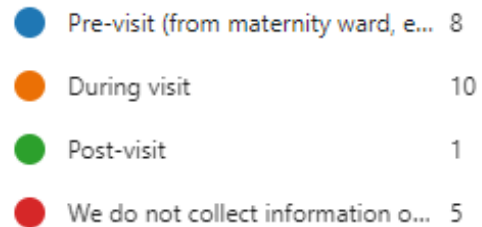


Social Drivers of Health

37. At what point in the medical visit do you administer a screening for Social Drivers of Health

[More Details](#)

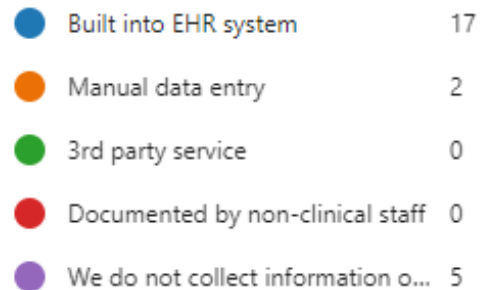
 Insights



38. How does your hospital document information collected for Social Drivers of Health?

[More Details](#)

 Insights







Social Drivers of Health

39. How do you connect patients who identify health-related social needs to community resources?

[More Details](#)

 Insights

-  Referral platform (UniteUs, Find... 2
-  Provide paper handouts with tai... 7
-  Make direct referrals to organiz... 11
-  We do not collect information o... 4



Reminder: Data Reporting

- Monthly data is due by the end of the following month
 - Q2 data due by July 31st
 - **Updated Newborn Hypoglycemia Data Template (available in Customer Portal)**
- Upload data files to HQI's Customer Portal



Open Discussion

- Next Office Hours:
Tuesday, August 13th
12pm-1pm



Register here: <https://hqin-org.zoom.us/meeting/register/tZYscumorT0sGdJ70eSQ2rC2G2rEyF52T0FP>



Contact Us



For more information

Website: www.mdpqc.org

Listserv: mdpqc@gaggle.email

The MDPQC Team:

- Katie Richards – krichards@hqi.solutions
- Yasmine Jackson – yjackson@hqi.solutions
- Alynna Nguyen – anguyen@hqi.solutions