

NeoQIC Collaborative Webinar #4

Care of Newborns Impacted by COVID-19: Focus on Data

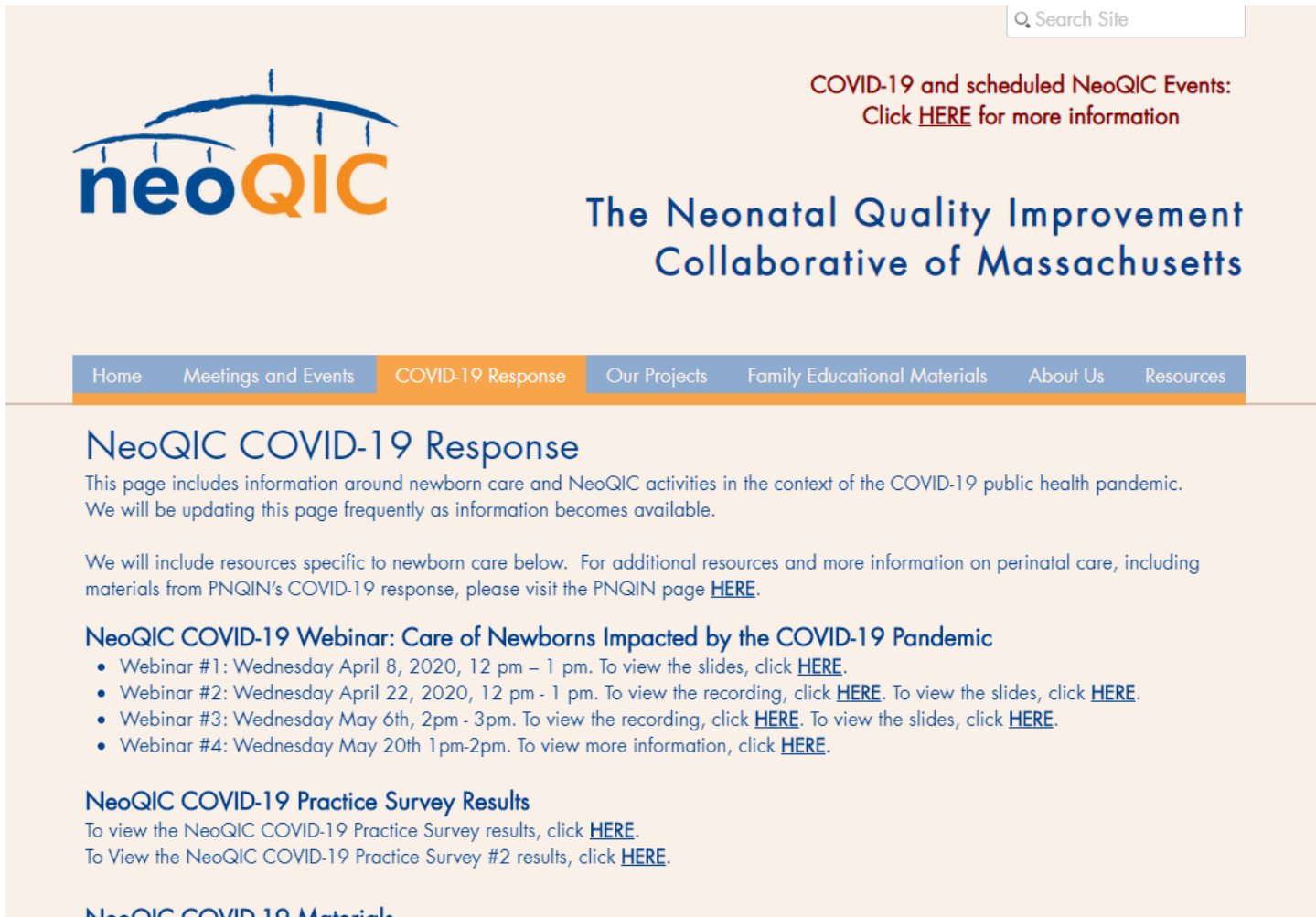
Wednesday, May 20, 2020, 1p-2p

- Please mute yourself!
- Chat in your name, organization in chat box
(and email address if you are not on your distribution list)
- Chat in questions in chat box

Agenda

- Welcome and introduction
- Nuts and bolts
- Massachusetts and national data
- Case presentation: MGH
- Case presentation: BMC
- Discussion
- Next steps

Website: www.neoqicma.org



The screenshot shows the NeoQIC website homepage. At the top right is a search bar labeled "Search Site". Below it, on the right, is a red text link: "COVID-19 and scheduled NeoQIC Events: Click [HERE](#) for more information". The main header features the NeoQIC logo on the left and the text "The Neonatal Quality Improvement Collaborative of Massachusetts" on the right. A navigation bar below the header contains links for "Home", "Meetings and Events", "COVID-19 Response" (which is highlighted in orange), "Our Projects", "Family Educational Materials", "About Us", and "Resources". The main content area is titled "NeoQIC COVID-19 Response" and contains several paragraphs of text and a list of webinar links.

Q Search Site

COVID-19 and scheduled NeoQIC Events:
Click [HERE](#) for more information

neoQIC

The Neonatal Quality Improvement
Collaborative of Massachusetts

Home Meetings and Events **COVID-19 Response** Our Projects Family Educational Materials About Us Resources

NeoQIC COVID-19 Response

This page includes information around newborn care and NeoQIC activities in the context of the COVID-19 public health pandemic. We will be updating this page frequently as information becomes available.

We will include resources specific to newborn care below. For additional resources and more information on perinatal care, including materials from PNQIN's COVID-19 response, please visit the PNQIN page [HERE](#).

NeoQIC COVID-19 Webinar: Care of Newborns Impacted by the COVID-19 Pandemic

- Webinar #1: Wednesday April 8, 2020, 12 pm – 1 pm. To view the slides, click [HERE](#).
- Webinar #2: Wednesday April 22, 2020, 12 pm - 1 pm. To view the recording, click [HERE](#). To view the slides, click [HERE](#).
- Webinar #3: Wednesday May 6th, 2pm - 3pm. To view the recording, click [HERE](#). To view the slides, click [HERE](#).
- Webinar #4: Wednesday May 20th 1pm-2pm. To view more information, click [HERE](#).

NeoQIC COVID-19 Practice Survey Results

To view the NeoQIC COVID-19 Practice Survey results, click [HERE](#).
To View the NeoQIC COVID-19 Practice Survey #2 results, click [HERE](#).

NeoQIC COVID-19 Materials

Resources

- Hospital protocols (please share)
- Practice survey results
- Links to national guidelines
- List-serv (in development)

Some national data

- AAP SONPM registry
- Numerous Massachusetts hospitals already participating!
- Weekly updates to data every Friday
- Link on AAP SONPM site, will post on NeoQIC site

<https://my.visme.co/view/ojq9qq8e-npc-19-registry>

Some Massachusetts data: VON

VON SONPM COVID-19 Audit Results

Massachusetts - April 2020

Characteristics of 11 Participating Hospitals

	n	%
Highest Level of Care		
Level IV	1	9.1
Level III	3	27.3
Level II	3	27.3
Level I	0	0.0
Mother-Baby Rooms	4	36.4
Has Special COVID-19 Unit	2	16.7

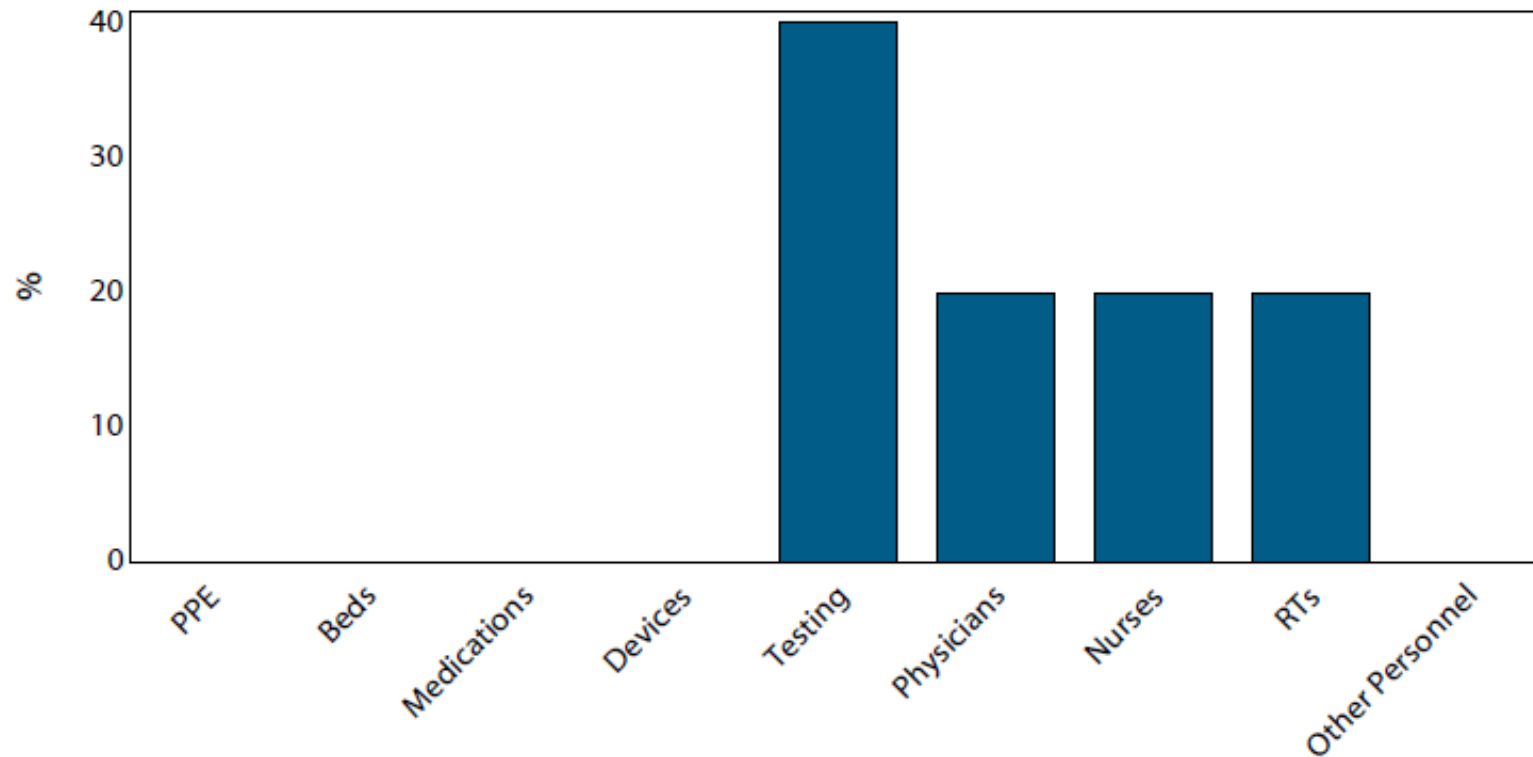
Some Massachusetts data: VON

Confirmed and Suspected COVID-19 Cases at 11 Hospitals

	n	Census	Range	Confirmed Cases	Range	Suspected Cases	Range	Total Cases	Range
Mother-Baby Rooms	10	125	(4, 33)	1	(0, 1)	5	(0, 3)	6	(0, 3)
Level I Nursery	2	22	(1, 21)	0	(0, 0)	1	(0, 1)	1	(0, 1)
Level II Unit	5	58	(9, 15)	0	(0, 0)	2	(0, 1)	2	(0, 1)
Level III Unit	3	82	(17, 34)	0	(0, 0)	4	(0, 4)	4	(0, 4)
Level IV Unit	1	33	(33, 33)	0	(0, 0)	0	(0, 0)	0	(0, 0)
Special COVID-19 Unit	2	0	(0, 0)	0	(0, 0)	0	(0, 0)	0	(0, 0)
Total	23	320	(29, 82)	1	(0, 1)	12	(0, 4)	13	(0, 5)

Some Massachusetts data: VON

Proportion of Hospitals Reporting Shortages that Significantly Impacted Care of Infants and Families



Some Massachusetts data: VON

Overall Impact of COVID-19 on the Ability of Hospitals to Provide Care for Infants and Families

	n	%
None	2	40.0
Only minor disruptions to care	3	60.0
Unable to provide necessary care to some infants	0	0.0
Unable to provide necessary care to most or all infants	0	0.0

Some Massachusetts data

- Selected data (voluntary sharing)
- Through last week (approximately)
- Focused just on newborns with a COVID-19 positive parent (all were mothers)
- Needed at least 5 to share data

Newborns with COVID-19+ Parent

Hospital	Number
Beverly*	5
Beth Israel*	24
Boston Medical Center*	26
Brigham and Women's*	24
Cambridge Health Alliance	4
Mass General	17
Newton Wellesley	2
South Shore	2
Winchester	1
Total	105

* Included in subsequent slides

Some demographics

Male	41%
Female	59%
< 32 weeks	4%
32-35 weeks	19%
36+ weeks	77%
C-section delivery	53%
Vaginal delivery	47%

N=74

Location of Care

Same room as mother for all	38%
Same room as mother for part	16%
Separate room from mother throughout	46%
Among separated, reason:	
Hospital policy	52%
Maternal illness	15%
Family preference	7%
Infant status	54%
Other	4%

N=74

NICU or SCN

NICU or SCN	39%
No NICU or SCN	59%
Among NICU/SCN, reason:	
Isolation for COVID	97%
Infant status	89%
Other	3%

N=79, 74

Breastmilk

No human milk	27%
Expressed milk	30%
Donor milk	7%
Breastfed	45%

N=74

Infant COVID-19 testing

Positive	6%
Negative	80%
Not tested	11%

N=74

Thoughts?

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Next steps

- Hospital resources – please share!
- Data – collecting? sharing?
- Next webinar: June 10th, 2p-3p
- Potential topics?