

Universal Testing



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Universal Testing

“St. Cloud has topped the charts in a New York Times report on where in the U.S. a coronavirus outbreak might come next.”

-Sara Kocher, St. Cloud Times 5/1/2020

<https://www.sctimes.com/story/news/local/2020/05/01/st-cloud-has-high-daily-average-growth-rate-covid-19-why-minnesota-coronavirus/3065567001/>

Universal Testing

- National Guidelines
- Timeline
- Algorithms
- Unsurprising Data
- Lessons Learned

National Guidelines

ACOG

- Test pregnant women who screen positive
- “In addition, facilities may consider additional molecular testing strategies, such as universal testing as the potential for asymptomatic patients presenting to labor and delivery units exists, particularly in high prevalence areas.”¹

CDC

- Test pregnant women screen positive
- “Testing of asymptomatic pregnant women is at the discretion of the healthcare provider and facility.”²

Timeline

Pregnant Patients with Positive COVID-19 (1)	
	Number of Patients
4/1/2020 - 4/7/2020	0
4/8/2020 - 4/14/2020	1
4/15/2020 - 4/21/2020	3
4/22/2020 - 4/28/2020	22
4/29/2020 - 5/5/2020	30
5/6/2020 - 5/12/2020	13
5/13/2020 - 5/19/2020	14
5/20/2020 - 5/26/2020	10
5/27/2020 - 6/2/2020	6
6/3/2020 - 6/9/2020	2
6/10/2020 - 6/16/2020	1
6/17/2020 - 6/19/2020	0

- Last week of April, first admit of seriously ill pregnant woman (5th COVID positive patient system-wide)
- 5/2 NYT article
- First week of May, first intubation of postpartum woman
- 5/11 initiated screening for OR cases
- 5/18 initiated universal screening for pregnant women

Unsurprising Data

Race and Hispanic Origin	
White alone, percent	88.4%
Black or African American alone, percent (a)	7.0%
American Indian and Alaska Native alone, percent (a)	0.4%
Asian alone, percent (a)	2.4%
Native Hawaiian and Other Pacific Islander alone, percent (a)	0.1%
Two or More Races, percent	1.7%
Hispanic or Latino, percent (b)	3.5%
White alone, not Hispanic or Latino, percent	85.5%

- 98 COVID positive pregnant women
 - 62% black or African American
 - 27% Hispanic

Lessons Learned

- We started testing after we hit our peak, this was damaging to our unit.
 - Lost productivity
 - Overuse/misuse of PPE
 - Many infected personnel
- Universal testing is a critical component the well-being of staff.
- OB units offer unique challenges that administrative staff may not grasp.
 - Ensure OB representation is present for all COVID planning sessions
 - Be persistent, resources are scarce and financial pressures are overwhelming