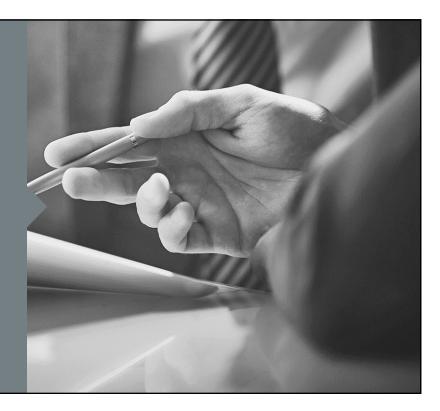


# The mission of

## ALLERGY & ASTHMA NETWORK

Is to end the needless death and suffering due to asthma, allergies and related conditions through outreach, education, advocacy and research.



# MEET OUR Speakers



Dr. S. Shahzad Mustafa

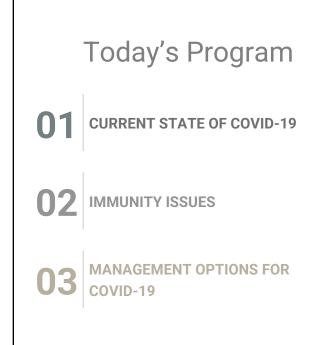
Chief – Allergy, Immunology & Rheumatology Rochester Regional Health Clinical Associate Professor of Medicine University of Rochester School of Medicine & Dentistry

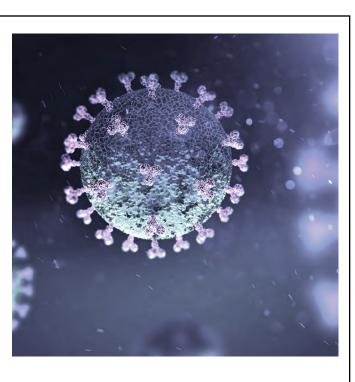


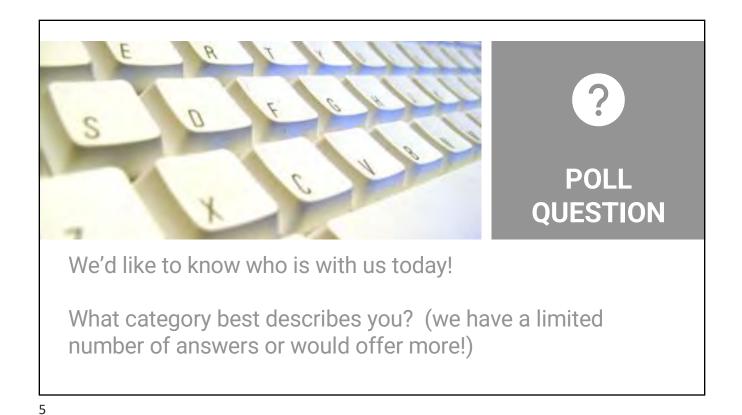
**Tonya Winders** 

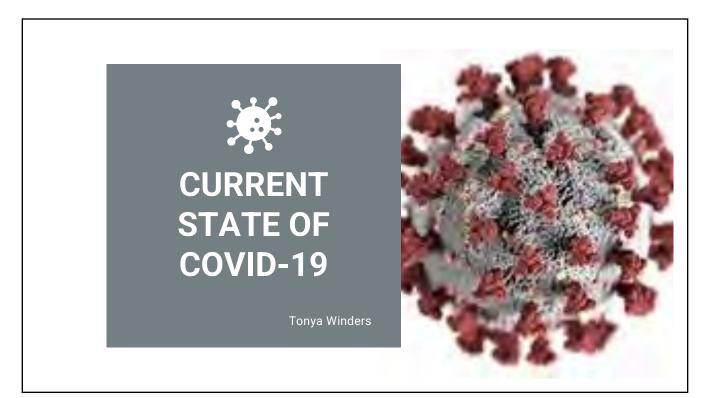
President & CEO, Allergy & Asthma Network

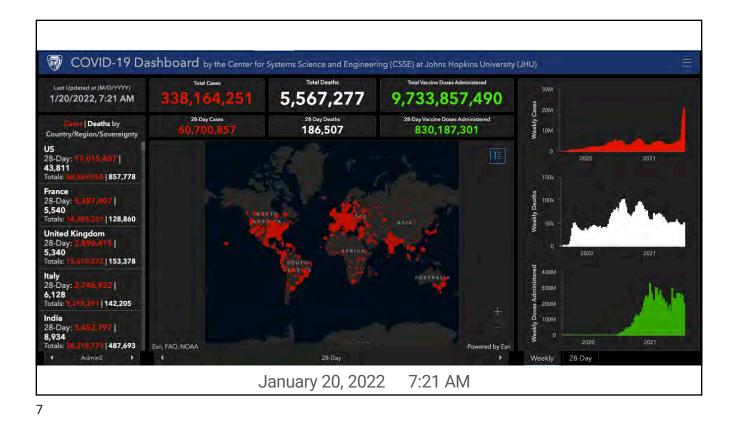
President, Global Allergy & Airways Patient Platform

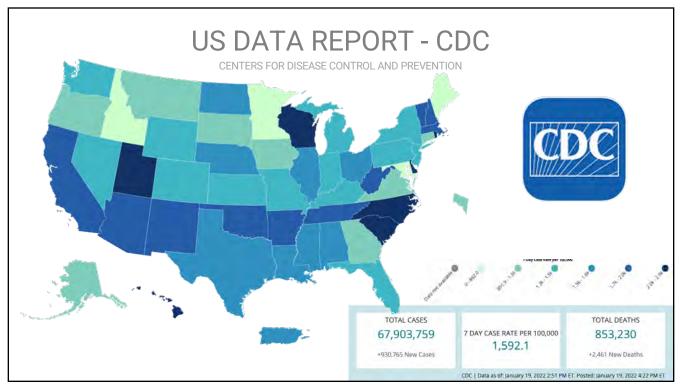


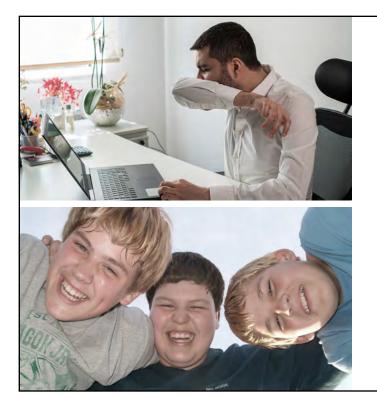












# **IN THE NEWS**

Case rates of Covid-19 have been on the rise as the Omicron variant has spread,

but hospitalization numbers appear to be staying relatively low. For vaccinated people, evidence suggests that infection with this variant seems less likely to be severe, epidemiologist and former Detroit Health Department executive director, Dr. Abdul El-Sayed said.

The US Food and Drug Administration authorized Pfizer's Covid-19 vaccine for booster shots in 12- to 15-year-olds. Boosters are now available for everyone 12 and older in the United States.

# **IN THE NEWS**

Changes in CDC recommendations:People with COVID-19 should

- isolate for 5 days if asymptomatic or symptoms are resolving Follow with 5 days of wearing a
- mask around others

Change motivated by science demonstrating that the majority of SARS-CoV-2 transmission occurs early in the course of illness, generally in the 1-2 days prior to onset of symptoms and the 2-3 days after.

### If You Were Exposed to Someone with COVID-19 (Quarantine)

### If you:

Have been boosted

### OR

Completed the primary series of Pfizer or Moderna vaccine within the last 6 months **OR** 

Completed the primary series of J&J vaccine within the last 2 months

### If you:

Completed the primary series of Pfizer or Moderna vaccine over 6 months ago and are not boosted **OR** 

# Completed the primary series of J&J over 2 months ago and are not boosted **OR**

Are unvaccinated

- Wear a mask around others for 10 days.
- Test on day 5, if possible.

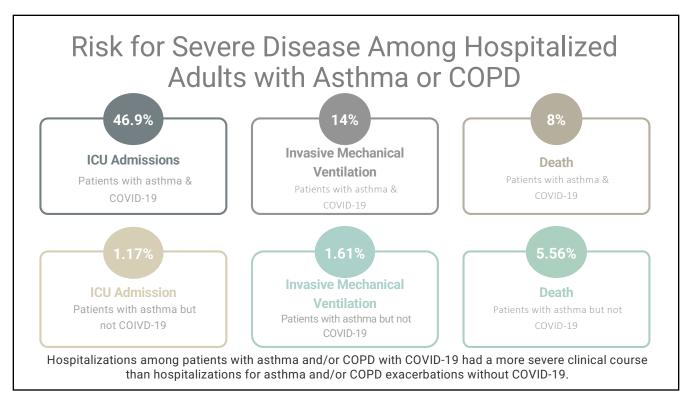
*If you develop symptoms get a test and stay home.* 

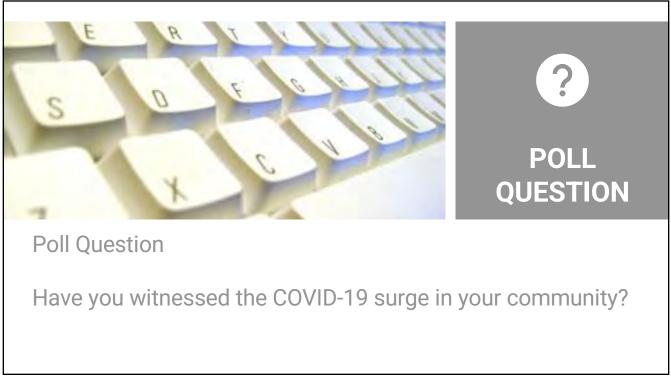
- Stay home for 5 days. After that continue to wear a mask around others for 5 additional days.
- If you can't quarantine you must wear a mask for 10 days.
- Test on day 5 if possible.

*If you develop symptoms get a test and stay home* 

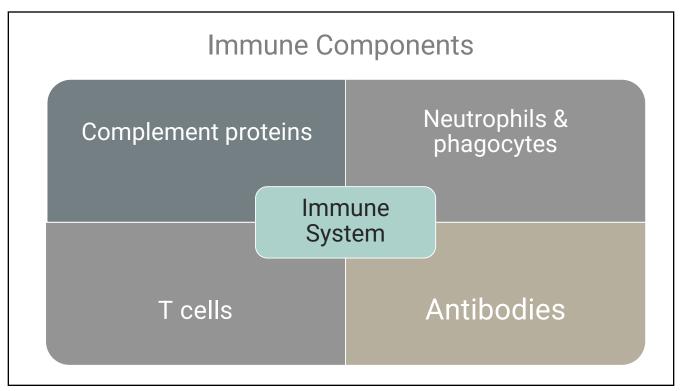


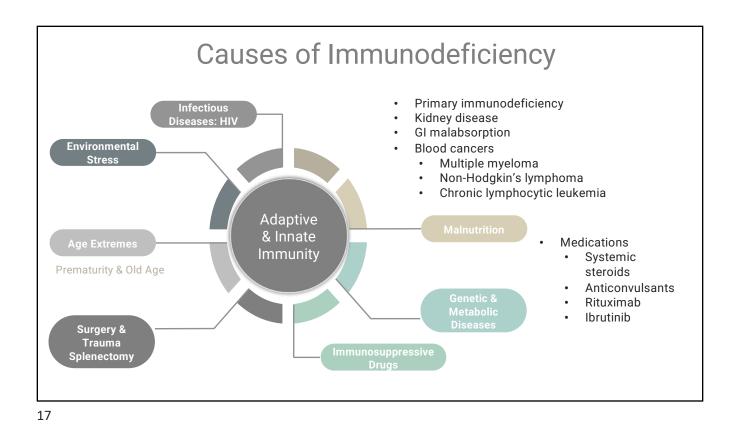
CDC Data **COVID-19 Cases by Date Reported New Cases by Day** 1200000 1000000 800000 600000 400000 200000 0 May 3 May 17 May 17 May 31 June 14 July 12 August 9 August 23 February 28 March 13 March 27 April 10 April 24 May 22 June 1 June 15 June 15 June 29 July 13 July 27 August 10 August 24 September 7 Cotober 19 November 16 January 11 January 25 February 8 October 18 November 1 December 14 December 28 February 22 March 8 April 5 April 19 September 20 October 4 November 15 November 29 December 13 September 6 Vovember 30 arch2 --Cases



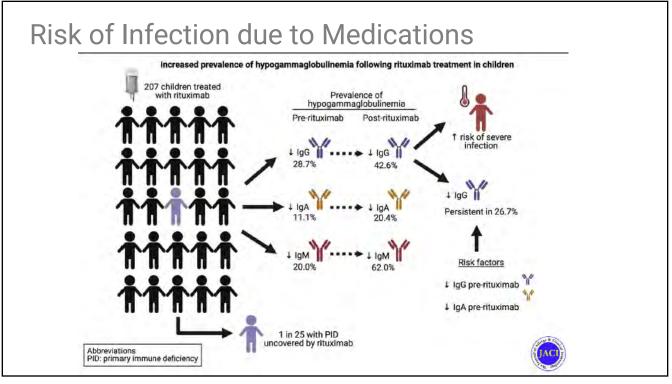


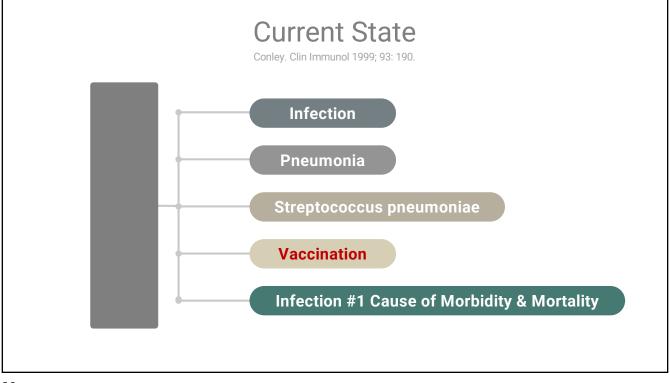


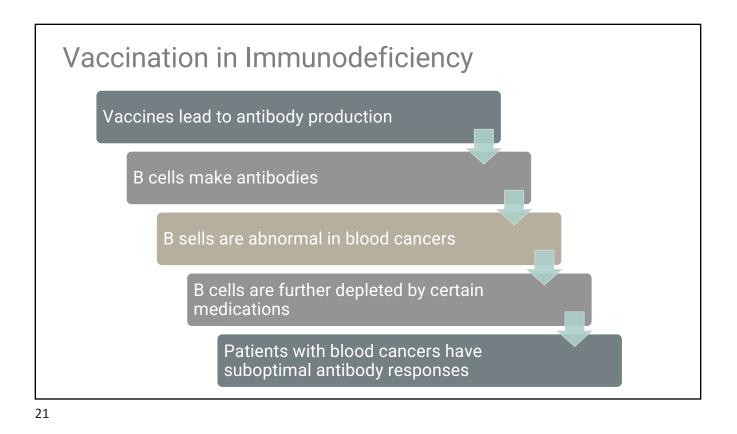


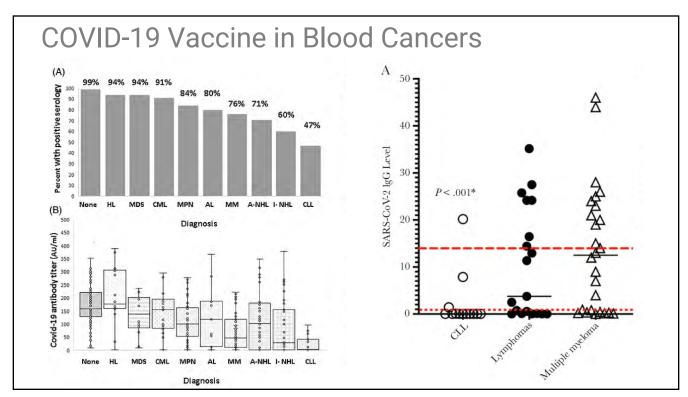


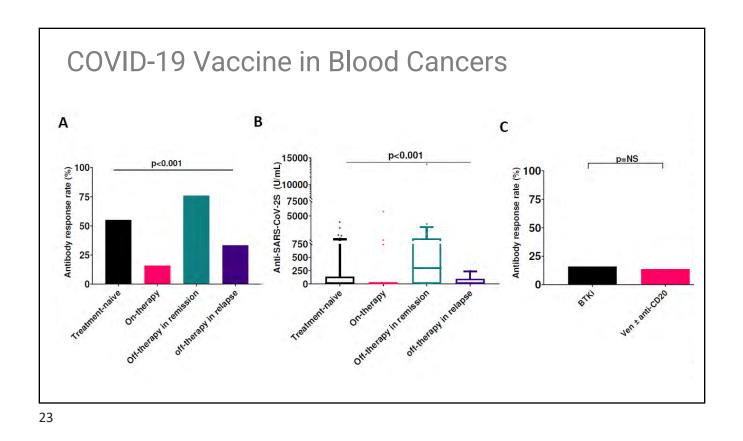
Sum	l Risi	k nt	' Inte	ction				
Category	MM	CLL	MI				otion	aa
Total No. of patients % of patients with	50	45	50				aligna	anc
≥1 infection	78	84	18	Ι		211 1710	angne	anc
Period in years under observation (average ± SD) Average annual	1.58 ± 1.4	3.17 ± 2.4	2.17 ± 3.2					
infection rate	0.026	0.009	0.002					
Total No. of infections % of infections	102	71	9					
while receiving therapy	36	37						
Total mortality % of deaths primarily	36	30	11	0-2 <b>Г</b>	555	MM		
due to infections	50	63	9		777	CLL		
Site of infection				5	24	GLL		
Pulmonary	49(9)†	36(6)	4(1)	8		M		
Urinary tract	22	13	4			140		193
Ectodermal	11(1)	14	1	je je	-			
Septicemia	10(5)	4(4)	0	infections/Patient/Year	-			
Meningitis	7(4)	1(1)	0	No.		-		
Miscellaneous	3	3	0	5 0-1 -		8		
Pathogens		1.1.		ec		181		
Total Identified	73	54	B	2				
Pneumococcus	26(3)‡	9(2)	8			8		
Staphylococcus	10(3)	14(6)	1			8	672	
Escherichia coli	13(2)	11(3)	2				13	1.12
Pseudomonas	6(1)	6(5)	1					
Proteus mirabilis	4(1)	7(2)	3	1	80			
Haemophilus influenzae	5(2)	2	0					
Klebsiella enterobacter	4(1)	2(1)	0	Patients/Group	11,5,11	15,12,15	18,19,17	6,9,7
Streptococcus	2	2	0	Without Links				
Meningococcus	0	1	0	the second se	< 50	50-59	60-69	>70
Mycobacterium tuberculosis	2	1	0					
Herpes zoster	1	4	0			Age C	Groups	
Monilia albicans	0	2(1)	0					

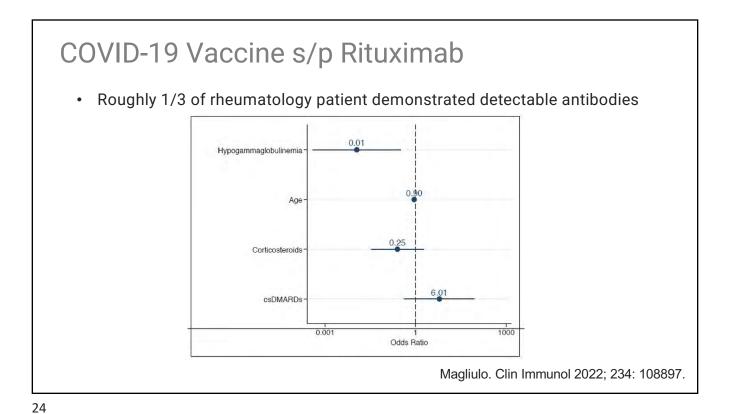


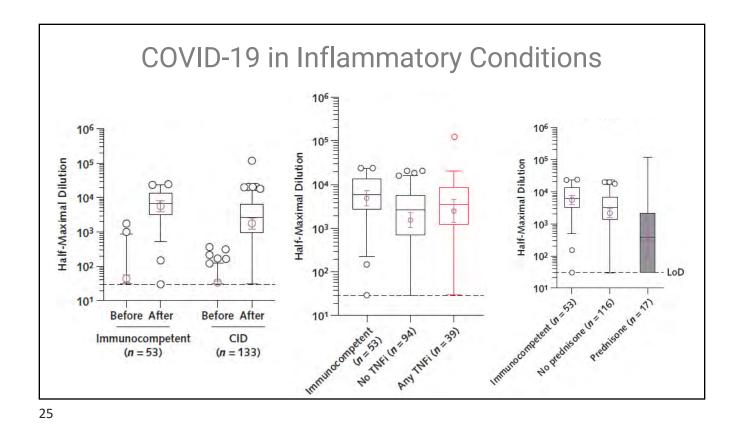


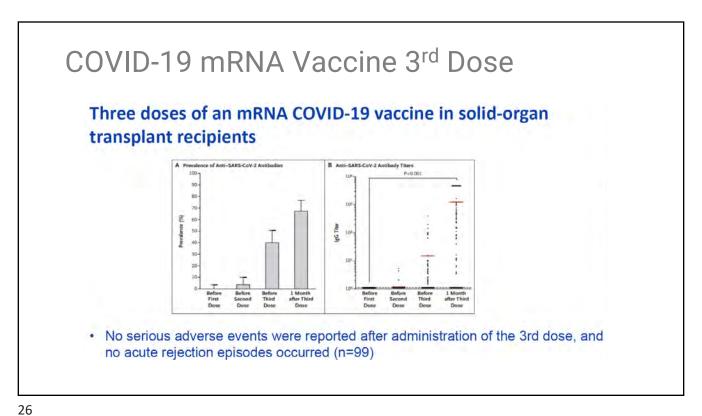








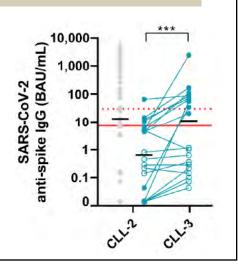




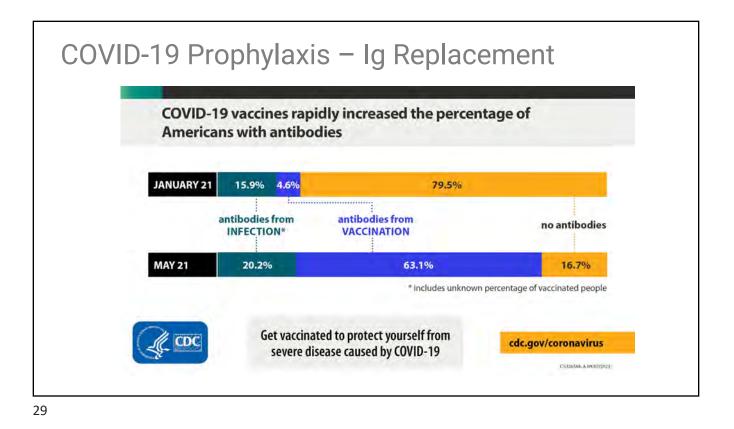
# COVID-19 mRNA Vaccine in 3<sup>rd</sup> Dose in CLL

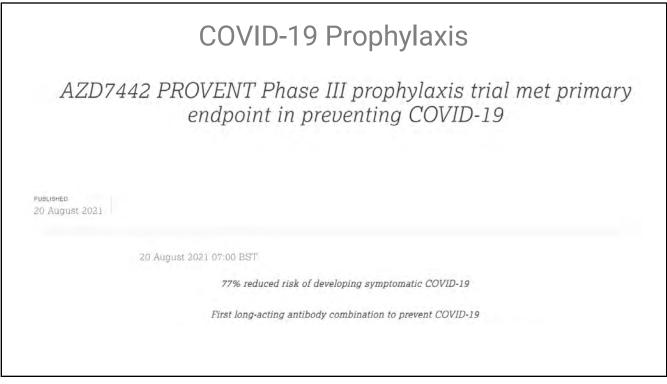
41/172 (23.8%) of patients with no detectable antibodies s/p  $2^{nd}$  doses demonstrated antibodies s/p  $3^{rd}$  dose

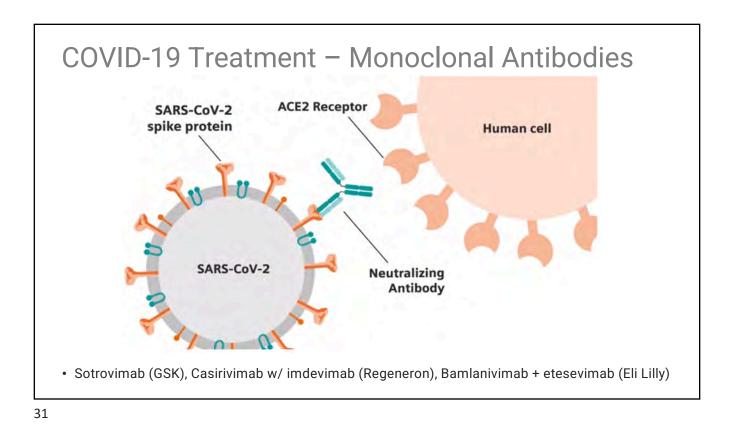
Table 3. Multivariate analysis for serologic response in CLL patients Variable Odds ratio 95% CI p-value Age ≤65y 2.5 0.9-6.6 0.067 Lack of active therapy 5.6 2.3-13.8 < 0.001 0.974 Serum IgG level ≥550, mg/dL 1.0 0.3-3.2 Serum IgA level ≥80, mg/dL 5.8 2.1-15.9 < 0.001

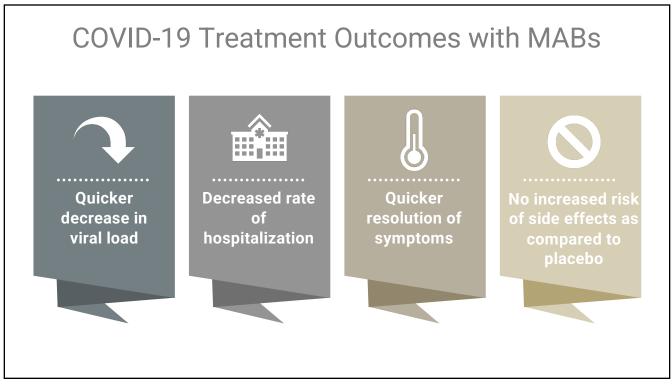












# COVID-19 Treatment – Oral Anitvirals

Treatment of mild to moderate COVID-19 in adults and pediatrics (≥ 12 years) with positive results for SARS-CoV-2 testing and are at high risk for progressing to severe COVID-19 and/or hospitalization.

Paxloid (nirmetreliver + ritonavir)

- Consider drug-drug interactions
  Molunpiravir
- Contraindicated in pregnancy or in individuals who may become pregnant



