

#### **Covid-19 Update**

Maryland Department of Health Maryland Primary Care Program Program Management Office

27 January 2021

#### The Tide is Turning Revealing the hard rocks of disparity and loss





# **Hospital Capacity Improving**

#### Hospitalized Confirmed COVID-19 Patients

Staffed Acute Care Beds Occupied by COVID-19 Patients:

1,275

(1275/6999) = 18%

Staffed ICU Beds Occupied by COVID-19 Patients:

367

(367/1237) = 30%

Change from day before:	+1 patients	Change from day before:	-28 patients
7-Day Trend	-12.14%	7-Day Trend	-12.39%
14-Day Trend	-12.87%	14-Day Trend	-10.95%



### **US Covid Impact Map**



## **Global Covid Impact Map**



# **Important Items This Week**

- Encouraging leading indicators, deaths are trailing indicator and will decline
- Hospitals have more empty beds
- Vaccines in Phase 1a and 1b and 1c but supply is short
  - Opportunity to reduce hospitalization and treat patients using <u>monoclonal antibodies</u>
- Important to continue testing to identify candidates for mAbs
- Emerging variants of Covid virus
- Continue using Covid-19-specific workflows to mitigate virus spread
- Vaccine and mAb hesitancy are best addressed by trusted providers
- Health equity remains needs focus



# **Governor Hogan 1/26/2021**

## **Announcements**

- Six mass vaccination sites will open at central locations, including
  - Six Flags America in Prince George's County (will open 2/5/2021)
  - Baltimore Convention Center (will open 2/5/2021)
  - M&T Bank Stadium will be a mass vaccination site
  - Undetermined regional sites on the Eastern Shore, in Western Maryland, and in Southern Maryland
- Speed of vaccinations continues to increase, but supply remains extremely limited
- State will expand its pharmacy network of vaccinators next week to include Safeway and Rite Aid
- On 2/1/2021, vaccine eligibility will expand for some severely immunocompromised individuals Mary

and

DEPARTMENT OF HEALTH

# **Priority Groups**



Vaccine prioritization may be subject to change.



Source: Maryland Department of Health, Office of Governor Larry Hogan, WBALTV, WBALTV

# **Vaccine Administration**



# **Covid Vaccination Dashboard Data**

# Doses DeliveredDoses Administered% of Doses Administered852,625419,57949.2%



# **Vaccines- Current**

- Pfizer
  - ≻ mRNA
- Moderna
  - ≻ mRNA
- Johnson and Johnson to follow (February)
  - Viral vector



#### mRNA Vaccines - FDA Data and ACIP comments

- Safety
- Efficacy
- Allergic reactions
- Pregnancy and lactation
- Active Infections
- Post Vaccine signs and symptoms and isolation
- Use in immunocompromised
- Delayed doses
- Vaccines cannot be mixed



- Known as JNJ-78436735 and Ad26.COV2.S
- Johnson & Johnson will report data early next week
- Vaccine is based on the SARS-CoV-2's genetic instructions for building spike proteins
  - Stores instructions in double-stranded DNA, not RNA
- Can be refrigerated for up to three months at 2-8 degrees Celsius



- Researchers added the gene for the coronavirus spike protein to another virus named Adenovirus 26
  - The researchers used a modified adenovirus that can enter cells but cannot replicate them or cause illness



- The adenovirus bumps into cells and latch onto proteins on their surface
- After entering the cell, the adenovirus travels to the nucleus





- The adenovirus pushes its DNA into the nucleus. The gene for the coronavirus spike protein can be read and copied into mRNA
- The mRNA leaves the nucleus. Cell molecules then read its sequences and begin assembling spike proteins



- Spike proteins mitigate to the cell's surface and stick out their tips. Some proteins also break into fragments that appear on the cell's surface
- The adenovirus provokes the immune system by switching on the cell's alarm systems, which send out warning signals to active nearby immune cells
- When a vaccinated cell dies, the debris contains spike proteins and protein fragments that can then be taken up by a type of immune cell called an antigen-presenting cell



- When helper T cells detect fragments of the spike protein, the helper T cells can raise the alarm and help marshal other immune cells to fight the infection
- B cells locked onto spike proteins can be activated by helper T cells, produce antibodies



# Vaccine Provider Recruitment and Enrollment

Maryland healthcare providers interested in receiving Covid-19 vaccine will have to take two steps:

- Onboard with ImmuNet to report vaccination data (enrollment form available <u>here</u>)
  - EHR connected to ImmuNet to report all vaccine doses administered (done through EHR vendor)
  - Reach out to your MDPCP practice coach if you do not know your current ImmuNet onboarding status
- 2. <u>Register</u> with ImmuNet as a vaccine provider in order to receive and administer vaccine. *Registration is open now, but providers cannot yet order* vaccines

# **Vaccine Resources**

- CDC Covid-19 Vaccination Communication Toolkit ready made materials, how to build vaccine confidence, social media messages
- New York Times Vaccine Tracker information on every Covid vaccine in development
- New York Times Vaccine Distribution Tracker information on the distribution of Covid vaccines in the United States
- MDH Covidlink Vaccine Page information on vaccine priority groups in Maryland
- CDC Vaccine Storage and Handling Toolkit
- Project ECHO Webinar webinar on vaccines and Long Term Care Facilities, relevant for primary care



# COVID-19 Therapeutics About Monoclonal Antibodies

- Monoclonal antibodies (mAbs) directly neutralize the COVID-19 virus and are intended to prevent the progression of disease
- MAbs likely to be most beneficial if given to patients early in symptom progression
- Product delivered via single IV infusion administration
- Evidence suggests use of mAb products in OUTPATIENT settings to REDUCE HOSPITALIZATION



#### Monoclonal Antibody Study

Of the high-risk patients who did not receive

Chen, Peter, et al. "SARS-CaV-2 Neutralizing Antibody LY-CeV555 in Outpatients with Cevid-19." New England Journal of Medicine, 2020, doi:10.1056/wejmoo20208-48.

antibody	treatment,	6.3%	were	hospitalized.	
			:::		
			:::	•	

Of the high-risk patients who did receive antibody treatment, only 1.68% were hospitalized. -----

*********	********
	*********

Monoclonal antibody treatment showed a 7/ reduction in risk of going to the hospital.

#### Our experience at Stone Run:

Of 30 patients we referred for monoclonal antibody treatment, 24 agreed to receive the treatment and 6 did not.



Of the 24 patients that received treatment, only 1 person was hospitalized.



Of the 6 patients that did not receive treatment, 3 were hospitalized.



With monoclonal antibody treatment, we've seen about a 90% reduction in risk of going to the hospital.





#### COVID-19 Therapeutics mAb Referral Volume as of the 1/26/2021





#### Point-of-Care Rapid Antigen Tests to Identify Monoclonal Antibody Eligible Patients

- Tests provided to practices willing to test and refer symptomatic patients eligible for mAb therapy
- Interested practices should fill out this <u>Google</u>
  <u>Form</u> as soon as possible
  - After filling out the form, Maryland Department of Health staff will contact you with next steps
- More information is available <u>here</u>



#### Multiple COVID-19 variants are circulating globally

- In the United Kingdom (UK), a new variant called <u>B.1.1.7</u> has emerged with an unusually large number of mutations
  - Spreads more easily and quickly than other variants
  - Some evidence this variant causes more severe illness or increased risk of death
  - Was first detected in September 2020 and is now highly prevalent in London and southeast England
- In South Africa, another variant called <u>1.351</u> has emerged independently of the variant detected in the UK.
  - Originally detected in early October and shares some mutations with the variant detected in the UK
  - There have been cases caused by this variant outside of South Africa, but it has not been detected in the US
- In Brazil, a variant called <u>P.1</u> emerged and was identified in four travelers from Brazil who were tested during routine screening at Haneda airport outside Tokyo, Japan.
  - Contains a set of additional mutations that may affect its ability to be recognized by antibodies
  - Has been detected in the US.



## Variant B.1.1.7 in the US

#### B.1.1.7 Lineage Cases in the United States\*+ Total Cases: 195



Source: The CDC

# Moderna Vaccine Effective Against Covid Variants

- Moderna vaccine produced neutralizing titers against all key emerging variants tested, including B.1.1.7 and B.1.351
- No significant impact on neutralizing titers against the B.1.1.7 variant compared to previous variants
- Six-fold reduction in neutralizing titers was observed with the B.1.351 variant compared to previous variants
  - Neutralizing titer levels with B.1.351 are above levels expected to be protective



#### Five things you can do to serve you patients

1. **Identify all your high risk patients** — use the Covid Vulnerability Index (CVI) in CRISP, your EHR, and your intuition and do outreach and communication

Advise patients to continue to use social distancing and wear masks

2. Provide vulnerable patients with expanded care through telemedicine and special accommodations if they need face-to-face care

# 3. Offer testing for all patients, every visit – POC for those eligible for mAb therapy

4. **Stay current, stay safe**—stay current by keeping up-to-date with CDC guidelines and case rates in your area. For up-to-date information, visit CDC, MDH, and MDPCP sites. Stay safe by taking all necessary infection control precautions when seeing patients

5. **Prepare for a vaccine** - address vaccine hesitancy with patients, enroll in ImmuNet and plan for administration

# Thanks for all you do Your efforts make a difference

- Fewer patients with Covid
- Lower rates of hospitalization
- Lower death rates from Covid





Source: CDC, CDC, Maryland Department of Health, Maryland Department of Planning

## Announcements

Learn from our <u>Frequently Asked Questions page</u>

Monday Covid-19 Surge: Flash Briefing and Q&A

Monday, 2/1/21 (5:30 - 6 PM)

Monday, 2/8/21 (5:30 – 6 PM)

Wednesday Covid-19 Updates

Wednesday, 2/3/2021 (5 - 6:30 PM)

➢ Wednesday, 2/10/2021 (5 − 6:30 PM)

Guest Speaker

≻Today – CRISP- Dr. Sheena Patel

# **COVID-19 Update: CRISP**

#### Sheena Patel, MD, CMPE

Director, HIE Projects and Outreach Sheena.Patel@crisphealth.org



# **CRISP and COVID-19**

- We're working closely with MDH on many aspects of the COVID-19 response
- CRISP receives test results from the state reportable disease surveillance feed (MD NEDSS).
  - CRISP does not manipulate this data
- COVID-19 Immunization data is received from the state immunization registry, IMMUNET
- CRISP can assist with EHR reporting for Immunet – required to administer COVID-19 immunizations



# **CRISP Update - COVID 19 Testing**

#### COVID-19 Test Results are available via:

- ENS alerts trigger based on a specific message received from the lab or MD NEDSS. You may see multiple messages for one encounter, which can happen when the record is updated on the backend. Available automatically via PROMPT, and by request, can get a daily COVID spreadsheet via Direct email as well.
- Health Records shows printable copy of results



# **CRISP Update - COVID 19 Testing**

#### COVID-19 Test results are available via:

- > Patient Snapshot Positive alerts show as Care Alerts
- COVID Results Viewer
  - shows only results for tests scheduled via CRISP and completed at one of the sites that use CRISP for scheduling/registration.
  - Patient match logic is relatively strict, so can see missed results (ex. name on lab requisition was off by a letter from what was on the COVID order placed via ULP)
  - Always validate using Health Records



# **CRISP Update - COVID 19 Immunizations**

COVID-19 Immunizations are viewable via:

- Patient Snapshot Administered immunizations are displayed as Care Alerts. Includes manufacturer, date, and place administered
- Patient Snapshot Immunizations widget
- ENS PROMPT Filter "Patient Class" = COVID-19 Vaccination
- Working on panel based insight into COVID-19 immunization status – Coming Soon



# CRISP Update - COVID 19 – Other Tools

#### Other CRISP COVID tools:

- COVID orders ability to refer a patient for testing at one of the sites that use CRISP for scheduling. Keep in mind that a patient may get an order placed through CRISP but could then choose to go wherever (ex. CVS). Results will still come to CRISP via MD NEDSS.
- POC Reporting provides a tool to report rapid tests performed at the point of care, to meet CDC and MDH reporting requirements
- Referrals for monoclonal antibody treatment providers are able to fill out form for eligible patients to receive treatment at approved sites across MD
- COVID Vulnerability Index (CVI) Available within MDPCP reports under "Likelihood of Avoidable Hospital Events" report



## **CRISP COVID Test Order Form**

T SNAPSHOT ENS PROMPT HEALTH RECORDS ENE	RGENT IMAGING POM	P IMAGING WORKLIST	PANEL LOAD	ER COVID-19 LAB TOOLS	NO PATIENT: COVID-18 LAD TOOLS	COVID-19 RESULTS VIEWER	DCCRS 2020 ECQMS
						Unare Counter	
Order COVID Test Report Foint of C	are Test Results						
Guidance And Advisories *	Guidence And Advecores *						
er Fahret strenden							
* Fest Name	Walde Name * Last Name						
* Date of Birth (Fermat MM/00/YYYY)	* Gendel		Automotive Presset 2	unter O			
		5	. 000-000-000	9			
* Name Address 1	Harse Addition 2						
* Or	* State	* 20	Enal				
		12345	eiangie@e	načaom			
- Physican							
DR. DODUTTLE, 111111111	×						
* Name		"NPID	* Phone Number				
DR. DOOL/THE		111111111	410-767-40	21			
in Constant in							
A Name			- Ten Namber				
1 3 2 1 5 2 ( M ) ( M )			111-111-11	9.			
UBH_SH8							
LitH_SH6	Address 7	0	Date	Te			
L2H_5MB Address T	Address 7	Cry.	State	79 12345			



## **CRISP POC Test Result Submission**

HOME CALIPR CENSUS VIEW PATIENT SN	APSHOT ENS PROMPT HEALTH RECORDS ENERGY	ENT IMAGING POMP	IMAGING-WORKLIST	PANEL LOADER COVID-19 LAB 1	NO PATIENT: CON	ND-19 LAB TOOLS	COVID-19 RESULTS VIEWER	DCCRS	2020 ECQMS
					-		Training .	HELP	EHELMA,PARTE
	🟅 COVID-19 Lab (	Order							
	Order COVID Test Report Point of Care	Test Results							
	Information *	C.			_				
	Patient Information								
	" Local Moderal Recent CD								
	* Feet Nation	Mighte Name		* Last Name					
	an time the test								
	Date of Brits (Format MM, SO/TYYY)	Select Drye	8	000-999-9999					
	* Humo Address T	Mana Address 2							
	* Ch	Select One -	12345	example@entwil.tom					
	"Rar .	Theory							
	Select One	*   Select One'	÷						
	Professil anguage	1							
	( prest one								
	POC Test Reluts	A second second		911					
	12/15/2020	Select One	9	Select One	1.4				
	The first particular specific participants	When may the symptom read	Const MWDOTTT	Symphone					
	Select One	*][[		Select all that apply					
				S11500 80 000					



## **CRISP COVID-19 Immunizations**

⇒ C 🔒 pps M Gmail	ulp.crisphealth	Norg/web/guest/ambulatory-facesheet ) CHASE 💆 ULP 🚆 CRISP Jira 🗢 Salesforce 🚆 CRS 🔇 LabCorp Link®	🧑 Quanum**	SharePoint	≅ (	RISP demo	site 👝 O	neDrive	🖪 Maz	ik CRM	CRISP	Direct	O Ace	g Gu	sto 🍞	CapitalOn	e 🏄 Po	owerBl	🔅 ENS A	nalytics	Q Test S	☆ ( Salesforce
CRI		nified anding see PATIENT SNAPSHOT ENS PROMPT HEALTH RECORDS EMERGE	NT IMAGING PI	DMP IMAGI	NG-WO	RKLIST	REFERRAL	S PAI	NEL LOA	DER C	OVID-19	LAB TO	OLS 1	NO PATI	ENT: CO	1D-19 LA	B TOOLS	covi	D-19 RES	ULTS VIE	WER	DCCRS
																		-00	Jaer Nulde	Pa HELP	SHEEN	ja patel. (sign
Search > Modify	search pshot																				Profile	e Secti
ent Name:																					Collapse/	/Expand
atient Demog	raphics		Encounter	s From ADT																		
Name	Relation	Phone Address Date Medicaid ID	🔺 Emerg	gency 🧮 Ir	patient	Ou Ou	tpatient 🤰	Ambul	ance													
V.	11 2			1	Ĩ	1	1	1	1	1	1		17	Ĩ	11	11	T	1	1	Î.	1	1
			<u>11</u>																			
			-														•					
_															۲		•		•			
															•		•		•			
			26	1 6	13	1 16	21	26	1	6	11	16	21	26	1	6	11	16	21	26	1	6
				November 2	020				Decem	ber 2020					Janua	ry 2021					Februar	ry 2021
			Em	3m (1m) 7d					10/25/2	2020		to	į		01/25/200	1		Apply	Clear			
are Alerts						-																
Date	Source	Description	V		17	V		11	V	ype		11	V			11 7	gnosis		1	Viscour	ge ousposit	ION
V 11	Y Y	v	01/11/2023		Ň	ledStar Physi	cian Partners	5	Jutratient	registration		1										
01/23/2021	Maryland	COVID Vaccination: This patient has received the PPR, COVID-19, mRNA, LNP-5, PP, 0.3mL vaccination on 01/23/2021 with lot number EL1283 at MedStar Franklin Square Medical Center.	01/11/2023		N	Ind Star Physic	cian Partners		utnatient	rapistration	-	-										
	20348130-		01/11/2021		i i	Red Star Physic	cian Partners		lutratient	registration		04.0	OVID TEST	(					linko	0.975		
01/13/2021	MDHC0VID19	CDVID-19 Virus Positive: This patient had positive viral testing for SARS-FnV-2 on 2021-01-11	01/02/2021			RedStar Physic	cian Partners		Jutostient	registration		1								2.8549		
	( With Marine 1	15:00:00 as reported by the Maryland Department of Health.	01/02/2023			And Shar Direct	rise Partnam		Transford			-										
01/02/2021	Maryland	COV/D Vaccination: This patient has received the PFR, COVID-19, mRNA, LNP-S, PF, 0.3mL	01/02/2021			neustar nriysi	ciers Partners		Acpatient	regarración	-	-		_					10.5			
	imministiet	vaccination on 01/02/2021 with lot number UNKNOWN at MedStar Franklin Souare Medical	01/02/2021			lledStar Frank	Sin Square Hos	pitai (	Jutpatient	registration		COVI	D VACCINE.						Unko	0.0412		



### **CRISP mAb Referral**

CALIPR CENSUS VIEW PATIENT SNAPSHOT ENS PROMPT HEALT	TH RECORDS EMERGENT IMAGING PDMP	IMAGING-WORKLIST	IEL LOADER COVID-19 LAB TOOLS NO PATIE	ENT: COVID-19 LAB TOOLS COVID-19 R	ESULTS VIEWER DCCRS
					Countier Countier HELP
	Referral Program				
	Organization	Programs			
	TidalHealth Peninsula Regional Infusion Ci 👻	Monoclonal Antibody Infusion			
	<ul> <li>Information about Monoclonal Antibody infusion, including be found at https://www.fda.gov/emergency-preparedness-and</li> </ul>	Fact Sheets and Manufacturer Instructions/Package Inserts 1-response/mcm-legal-regulatory-and-policy-framework/en	or Healthcare Providers and for Patients/Parents/Care Givers, can rengency-use-authorization#coviddrugs (scroll to section on Drugs		
	and Biologic Products).				
	"is the patient SARS-COV2 Positive?				
	Tes				
	*Date Of Testing (Format MM/DD/YYYY)	*ICD-10 Diagnosis Code			
		U07.1			
	"Is the patient symptomatic?	When was the symptom onset? (Format: MM/DD/YYYY)	Symptoms		
	Select an option		Select All That Apply *		
	5p02 ①	*Height (inches)	*Weight (Lbs)		
	BMI				
	*Is the patient on Chronic 02 Therapy?	*Baseline O2 flow rate			
	Select an option 🗸				
	*Has the patient required an increase in 02 flow rate since becoming symptomatic?				
	Select an option				
	Strand Strand Breaks				
	*Does the patient have any of the following?				
	Select All That Apply				
	* Please enter all relevant information that you would like rele	wed to the acception provider below			
	Example: Luke Skywalker Is a 44 y.o. male who presented to ABC	Family Practice and qualifies for enrolment into a DPP. Per			
	most recent encounter on 4/1/19, BMI is 32, HbA1c level is 62.1 Identifie changes including healthy satisfy leads and finance rece	No previous diagnosis of DM1 or DM2, Counseled patient on makes			
	many werder receiving menty second multi-and constraints				
	Characters remaining: 150				

DEPARTMENT OF HEALTH

# **CRISP mAb Referral Tracking**

M Gmail 🚫 PNC 🌀 C	HASE 🏂 ULP 👼 CRISP Jira	Salesforce \$\$ 0	CRS 🚯 LabCorp Link®	🧑 Quanum <sup>™</sup> 🚯 SharePoin	it 👼 CRISP demo site 📢	🌢 OneDrive 🧾 Mazik CRM	CRISP Direct O Ac	e 열 Gusto 🍞 CapitalOn	e 🍓 PowerBl 🔅 ENS Analy	ytics 🐤 Test Sa
CRISP	Unified Landing Page									
CALIPR CENSUS VIE	W PATIENT SNAPSHOT	ENS PROMPT	HEALTH RECORDS	EMERGENT IMAGING	PDMP IMAGING-W	ORKLIST REFERRALS	PANEL LOADER	COVID-19 LAB TOOLS	NO PATIENT: COVID-19 L	AB TOOLS
RESULTS VIEWER DO		2020 ECOMS								
RESULTS VIEWER DO	ALTERNAL PURTAL	2020 ECQM3								
									Guide HELF	SHEENA P
									Filter by Status Rending (+1 other)	
									Pending (*) outer)	
Referrals Ov	erview									
Look in Referral										
Name (last, first)	Gender	DOB		C80	Ref. Date	Referral Status	Accepte	ed Date Pr	ograme	
		Jan	1, 1984	Test	Jan 25, 2021	Pending		0	/0/1	
GRAPE, GILBERT								ens per paper 25 👻 1 -		
GRAPE, GILBERT									1.07 1.6 6 3 3	



# Vaccine Data Service for Practices

- Tool to help Practices track their patient population to ensure patients get COVID vaccine
- Patient Navigator: Identify patients who have not been vaccinated and track patient outreach efforts
  - Save user editable outreach status flag and free text notes
  - Allow practices to focus outreach efforts on patients who have not been vaccinated and are at high risk
- Reporting: View Summary Reports tracking vaccination progress over time and compare to relevant peer groups

# Patient Navigator

INS	Panel / MDPCP Practs	Demo Practice	T (MOPCP Practice - 999995	+ 4444						📥 H	oye, Tim 📔 🕪 Lop
+ Na	Vaccination data from ENG Panel Subscripto * Double cick on raw to	minuties available through addition of the second sec	01/24/2021 01/14/2021	Quel Film Select Que	s.Fital				• E smithe	s 🥒 Courfilms	Desi Inper
vigation	Patient.Name †	Vaccine Statua	Outreach Status	NOTES	First Dose Vaccine Date	Final Dose Water Date	400	Orrono Condition Count	First Dole Vaccine	Final Doore Vaccine	First Dose Administering Fade
	NEL DOMES	Not Vaccinated	Tst Dose Scheduled	Called Patient on 1/25 _			-73	0			
	10104-20100	Vaccinuted			12/14/2020	01/11/2021	- 37	3	Pfatr-COVID-19	Pfzer-00V0-19, m.	OVS Pharmacy S
	5000	1 Dose Received			01/04/2021		<u>64</u>		Moderna · COVID-1		JH Howard Count
	407445 3989	Not Vaccinated	Vaccion Healtant				-44	/0			_
	100 0254	Vaccinated			12/15/2020	01/12/2021	.93	.9	Phatr-COVID-19.	Pfjall - COVID-19, m.	CVS Pharmacy S
	Address and	Not Veccrieted					-02	.0			
	AUGULARIAN	1 Dose Received			12/20/2020		-62	5	MON-COVID-19,		Wagreens #1511
	NUT HAR	1 Dose Received	Final Dose Outreach		12/27/2020		76	-0	Moderna - COVID-1_		Acre Anunoil Co.
	SHIELDER.	1 Date Received			01/08/2021		ka.	0	Plan-COVID-19.		Holy Cross Hosp

- Patient demographics and contact information
- Vaccination data updated daily from <u>ImmuNet</u> (IIS)
- Chronic Condition Flags to identify patients at high risk
- User editable status to track outreach efforts
- Custom filters to allow users to quickly segment population

# Summary Reports



- Compare your Practice to MD Statewide population or relevant Peer Groups
- Compare by demographic fields
- Track practice's patient vaccination status over time

# Availability

- Vaccine Data Service will be made available through the CRISP Reporting Services Portal
- Available to all existing MDPCP CRS users
- Live in Production on Friday (January 29)
- Initial rollout will use Y2 Q4 attribution
- Update to Y3 Q1 attribution in February

• Additional details and training forthcoming!

# Appendix

# **Resources and Links**



# **Maryland Covid-19 Vaccination Plan**

- Maryland has developed a Covid-19 vaccination plan to vaccinate all Marylanders interested in receiving vaccine
- Plan was released on Tuesday, October 20, 2020
- This is a working plan and subject to change as new information is received and the Covid-19 pandemic continues to evolve
- Copy of the plan can be found here:

https://phpa.health.maryland.gov/Documents/10.19.2020 Mar yland Covid-19 Vaccination Plan CDCwm.pdf



# **Phased Approach**

	Phase 1	Phase 2
Vaccine availability	Limited	Widespread
Approach	Targeted	Universal
Vaccine available to:	<ul> <li>Frontline healthcare workers</li> <li>Other essential workers</li> <li>Those at highest risk of developing complications from Covid-19 (ACIP high risk conditions)</li> </ul>	General public
Vaccine distribution by:	<ul> <li>Local health departments</li> <li>Hospitals</li> <li>Vaccination clinics (through LHDs)</li> <li>Essential employer work sites</li> </ul>	<ul> <li>Local health departments</li> <li>Hospitals</li> <li>Pharmacies</li> <li>Primary care practices</li> <li>Urgent care centers</li> <li>School vaccination clinics</li> </ul>

# **Current Vaccines**

	Pfizer	messenger therapeutics
Schedule	<ul> <li>Two dose regimen</li> <li>17-21 days apart (can extend)</li> </ul>	<ul> <li>Two dose regimen</li> <li>28 days apart (can extend)</li> </ul>
Indications	<ul> <li>16 years and older</li> <li>Pregnant and lactating can be considered</li> <li>Caution with those with h/o anaphylaxis</li> </ul>	<ul> <li>18 years and older</li> <li>Pregnant and lactating can be considered</li> <li>Caution with those with h/o anaphylaxis</li> </ul>
Administration and Distribution	<ul> <li>Ultracold storage, 5 days in refrigeration</li> <li>985 doses per box</li> <li>15 and 30 minute observation periods</li> </ul>	<ul> <li>Up to 30 days in refrigerator</li> <li>100 doses per box</li> <li>15 and 30 minute observation periods</li> </ul>

Johnson and Johnson to follow (Likely February)

50 Source: CDC

# Covid-19 Vaccines/Immunization Information

Maryland Covid-19 Vaccination Plan

New York Times Coronavirus Vaccine Tracker

ImmuNet Information

ImmuNet enrollment form

ImmuNet helpdesk contact information

Guidance for practices how about reporting to ImmuNet

Technical specifications for the EHR interface with ImmuNet

ImmuNet log-in information portal

Summary of vaccines under development



# **Covid-19 mAb Treatment Criteria**

#### Patient Criteria

- ➢ Have BMI >= 35
- Have chronic kidney disease
- Have diabetes
- > Are currently receiving immunosuppressive treatment
- ➢ Are >= 65 years old
- Are >=55 years old and have
  - ✓ Cardiovascular disease, or
  - ✓ Hypertension, or
  - ✓ Chronic obstructive pulmonary disease/other chronic respiratory disease
- ➢ Are 12 − 17 years old AND have
  - ✓ BMI >=85<sup>th</sup> percentile for their age and gender based on CDC growth charts, or
  - ✓ Sickle cell disease, or
  - $\checkmark$  Congenital or acquired heart disease, or
  - ✓ Neurodevelopmental disorders, or
  - $\checkmark$  A medical-related technological dependence, or
  - ✓ Asthma



# **Covid-19 Testing Information**

- Maryland Department of Health testing announcements and accessibility information and resources
- CDC Covid-19 testing overview
- MDPCP Roadmap to Recovery Covid-19 testing guidelines
- Maryland Department of Health guidance regarding point of Care rapid antigen Covid testing
- myLAB Box Covid-19 testing program for Maryland clinicians
- FDA letter to clinical laboratory staff and health care providers about the potential for false positive results with rapid antigen tests for Covid-19



# **Primary Care Involvement**

- Continue to encourage and vaccinate your patients with the flu shot
- Ensure that you are onboarded (connected) with ImmuNet to report vaccinations administered
- Once available, register to become a Covid vaccine provider
- Use the CVI tool to begin to identify your patients that are at a higher risk for Covid



# **Scheduling In-Office Appointments**

#### Patient calls in for an appointment

- Reception screens patient on the phone using the <u>pre-visit screening template</u>
- Schedule in-office visits for different groups: At-risk and vulnerable patients on certain days, healthier patients on other days
- Schedule telehealth and non-office-based care for other patients including follow-ups and patients uncomfortable with office visits
- Check In
  - Practice remote check in and limited front-desk contact
  - Consider using a triage zone outside of office or main area;
  - Or use a barrier at the front desk
  - Design your office to accommodate patients who come in specifically for Covid testing and triage, separate from patients who arrive for non-Covid related and elective procedures
    - ✓ Ensure patients and staff do not cross between Covid and non-Covid areas
    - $\checkmark$  Set aside a specific area for patients who come in for testing to wait and be triaged



# **Scheduling In-Office Appointments**

Checking out

- Practice remote check out, limit front desk exposure;
- Or use a barrier at the front desk

If patient is paying co-pays, etc., set up credit card reader outside of the barrier

- Other workflow resources
  - Care management workflows
  - BMJ telemedicine workflow graphics
  - CDC flowchart to identify and assess 2019 novel Coronavirus
  - CDC telephone evaluation flow chart for flu
  - CDC guidance for potential Covid-19 exposure associated with international or domestic travel



# **Patient Information and Workflows**

- Reinforce scheduled visits
- Separate sick and well to the extent possible
- Avoid waiting room crowds
- Outdoors screening and testing as possible
- Tailor staff and resources to need
- Telehealth, including testing, when applicable
- Quarantine period for positive tests shortened to 10 days for asymptomatic and 7 days based on negative test (after 5 days)



# CDC Guidelines for Covid Patient Management

- Healthy people can be monitored, self-isolated at home
- People at higher risk should contact healthcare providers early, even if illness is mild
- Older adults and people with severe underlying chronic medical conditions are at higher risk, need closer contact
- Emergency Department and Hospitals only when needed not for screening or low risk/minimal disease
- Guidelines are important and powerful tools, but remember providers' clinical experience and judgment are key to care



# Prepare Safe Workflows and Stock Sufficient PPE

- Ensure your practice has 30 days of PPE immediately available
- Consult usual suppliers and order PPE well in advance of anticipated need
  - > There may be PPE shortages in the future
- Continue using PPE according to CDC guidelines
- Ensure safe workflows for all patients, particularly vulnerable patients



#### Personal Protective Equipment (PPE) Sources and Requests

- Practices should initially request PPE through their usual vendors
- Practices should make their PPE requests through their local health departments
- Maryland PPE Manufacturers List next slide
- National and international PPE supplier list
- PPE request form



#### **Personal Protective Equipment (PPE) Sources and Requests**

- Increasing Maryland's supply of PPE one of the 4 building blocks on the Road to Recovery
- Maryland has launched the Maryland Manufacturing Network Supplier Portal, an online platform that helps connect Maryland suppliers with buyers in need of critical resources



- For additional business resources during Covid-19, visit businessexpress.maryland.gov/coronavirus
- Providers may also request PPE from the non-profit 'Get Us PPE'



# **Masks and Distancing Remain Critical**

#### Masking up

Fewer covid-19 symptoms reported in states with higher rates of mask use.



IHME model:

- Universal mask use saves 129,574 lives before Feb 2021
- > 85% mask use saves
   95,814 lives before
   Feb 2021



Data as of Oct. 19

Sources: Washington Post, Nature

Source: Delphi CovidCast, Carnegie Mellon University

# **MD COVID Alert App**

- New opt-in cell phone app that notifies users if they have been exposed to somebody who is Covid-19 positive
- Mimics CDC close contact definition (6-feet or less for >15 minutes) with bluetooth
- Individuals who receive exposure notifications:
  - Receive advice to get tested
  - Receive information about possible exposure date
  - COVID-19 positive users may receive a call from a contact tracer
- More information is available <u>here</u>





# Provider/Patient Mental Health Resources

#### Providers

- "Helping the Helpers and Those They Serve," a <u>webinar series</u> from the Maryland Department of Health Behavioral Health Administration and MedChi (on the 2<sup>nd</sup> and 4<sup>th</sup> Thursdays of every month starting 11/12/2020)
- Heroes Health Initiative
- Patients
  - Ask Suicide-Screening Questions toolkit
  - > CDC <u>list of resources</u> for coping with stress



# **Health Equity Resources**



Maryland Department of Health Office of Minority Health and Health **Disparities (MHHD)** 



Maryland Department of Health Minority Outreach and Technical Assistance Program overview



MHHD fiscal year 2020 minority outreach and technical assistance program information

Description of the term "health disparity"



#### Implicit bias test



"Hundreds of Days of Action as a Start to Address Hundreds of Years of Inequality" – New England Journal of Medicine article by Maulik Joshi, DrPH



 "Discussion Draft of the Preliminary Framework for Equitable Allocation of
 COVID-19 Vaccine" – discussion draft for public comment by Committee on Equitable Allocation of Vaccine for the Novel Coronavirus, The National Academies of Science, Engineering, Medicine



# **Telehealth Resources**

- Maryland Health Care Commission Telehealth
- Maryland Health Care Commission Telehealth Readiness Assessment Tool
- U.S. Department of Health and Human Services Health Insurance Portability and Accountability Act (HIPAA) for **Professionals**
- American Telehealth Association
- Maryland Telehealth Alliance
- National Consortium of Telehealth Resource Centers



# **Support for Patients at Home**

#### Food

≻Meals on Wheels

Caregivers

➢Visiting nurses and caregivers

- Emotional support
  - ➤Support from family
  - Phone calls and videochat to fight loneliness
  - MD Department of Aging <u>Senior Call Check Program</u>



# **Staying Current - Sources**

#### ✤ <u>CDC</u>

- MDH Covid-19 information page
- MDPCP Covid-19 webpage
- Local Health Departments

#### ✤ <u>CONNECT</u>

- Clinician Letters
- Multiple Resource Links in Appendix



# **Resources for Specific Groups**

- Community- and Faith-Based Organizations (<u>https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-community-faith-organizations.html</u>)
- Mass Gatherings and Large Community Events (<u>https://www.cdc.gov/coronavirus/2019-ncov/community/mass-gatherings-ready-for-covid-19.html</u>)
- Non-Pharmaceutical Interventions for Specific Groups (<u>https://www.cdc.gov/nonpharmaceutical-interventions/index.html</u>)



# **Resources and References**

- Maryland Department of Health Coronavirus Website (<u>https://coronavirus.maryland.gov</u>)
- CDC Coronavirus Website (<u>https://www.cdc.gov/coronavirus/2019-nCoV/index.html</u>)
- CDC National data on Covid-19 infection and mortality (<u>https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html</u>)
- CDC Interim Guidance for Homes and Communities (<u>https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html</u>)
- CDC Interim Guidance for Businesses (<u>https://www.cdc.gov/coronavirus/2019-ncov/specific-groups/guidance-business-response.html</u>)
- CDC Interim Guidance for Childcare and Schools (<u>https://www.cdc.gov/coronavirus/2019-ncov/specific-groups/guidance-for-schools.html</u>)
- CDC Travel Website (<u>https://wwwnc.cdc.gov/travel/</u>)

