## HHP/HPH COVID-19 Community Webinar Series

Monday, October 19, 2020 5:30pm – 6:30pm





## Moderator - 10/19/20

Andy Lee, MD

Medical Director, Hawai'i Health Partners
Chief of Staff, Pali Momi Medical Center
Hawai'i Pacific Health



## Disclaimer:

 The following is intended as information resource only for HHP/HPH providers, clinicians, administrative and clinical leaders.

 Specific areas may not pertain directly to your clinical practice area and/or may not be applicable to your practice based on your existing workflows, infrastructure, software (e.g. EHR), and communications processes.



## Webinar Information

- You have been automatically muted.
   You cannot unmute yourself.
- You will be able to submit questions via the Q&A section.
  - Due to time constraints, any unanswered questions will be addressed this week and posted on the HHP website
- A recording of the meeting will be available tomorrow on the HHP website and intranet.



## How to Claim CME Credit

### 1. Step 1: Confirm your attendance

 You should have completed a brief questionnaire before joining today's live webinar.

## 2. Step 2: HPH CME team will email you instructions

- Complete and submit evaluation survey that will be emailed to you within one week of the offering.
- Your CE certificate will be immediately available to you upon completion of your evaluation.
- Questions? Email <u>hphcontinuingeduc@hawaiipacifichealth.org</u>



## **CME Accreditation Statement**

- In support of improving patient care, Hawai'i Pacific Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.
- Hawai'i Pacific Health designates this webinar activity for a maximum of 1.0 AMA PRA Category 1 Credit (s) ™ for physicians. This activity is assigned 1.0 contact hour for attendance at the entire CE session.



JOINTLY ACCREDITED PROVIDER TINTERPROFESSIONAL CONTINUING EDUCATION



## **Disclosures**

 The planners and presenters of this activity report no relationships with companies whose products or services (may) pertain to the subject matter of this meeting



## HHP 7th Annual Membership Meeting

- How to Attend: Email invitation or HHP website
  - 1. Register
  - 2. Download the Whova mobile app.
  - Create a Whova account

Start talking and engaging with your team members & colleagues!

- Now till Nov. 7<sup>th</sup>: Community Giveback Project
- Saturday, Nov. 7<sup>th</sup>: Virtual meeting
  - Whova
  - 8:00 a.m. to 12:30 p.m.







## COVID-19 Updates



Melinda Ashton, MD Executive Vice President and Chief Quality Officer Hawai'i Pacific Health



Douglas Kwock, MD Vice President of Medical Staff Affairs Hawai'i Pacific Health



Gerard Livaudais, MD, MPH
Executive Vice President,
Population Health and
Provider Networks
Hawai'i Pacific Health



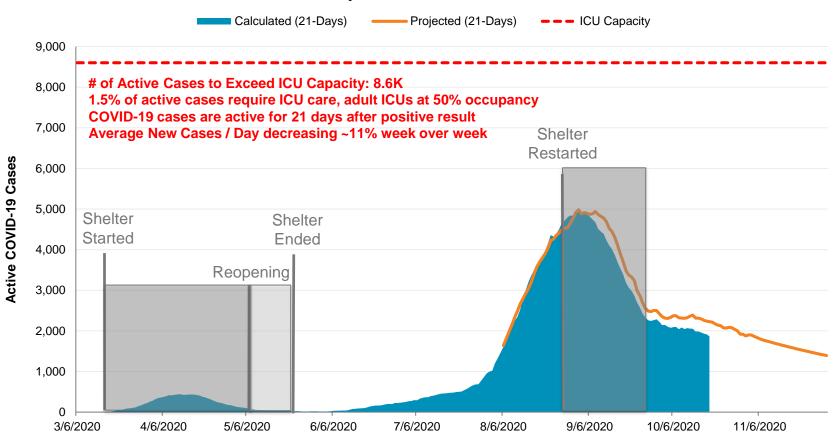
Dr. rer. nat. Axel T. Lehrer,
Associate Professor
Department of Tropical Medicine,
Medical Microbiology and Pharmacology,
John A. Burns School of Medicine
University of Hawai'i at Manoa

HAWAI'I PACIFIC HEALTH

HAWAI'I HEALTH PARTNERS

## Projected Active COVID-19 Cases

## Hawaii Actual v. Projected Active COVID-19 Cases Updated 10/19/2020

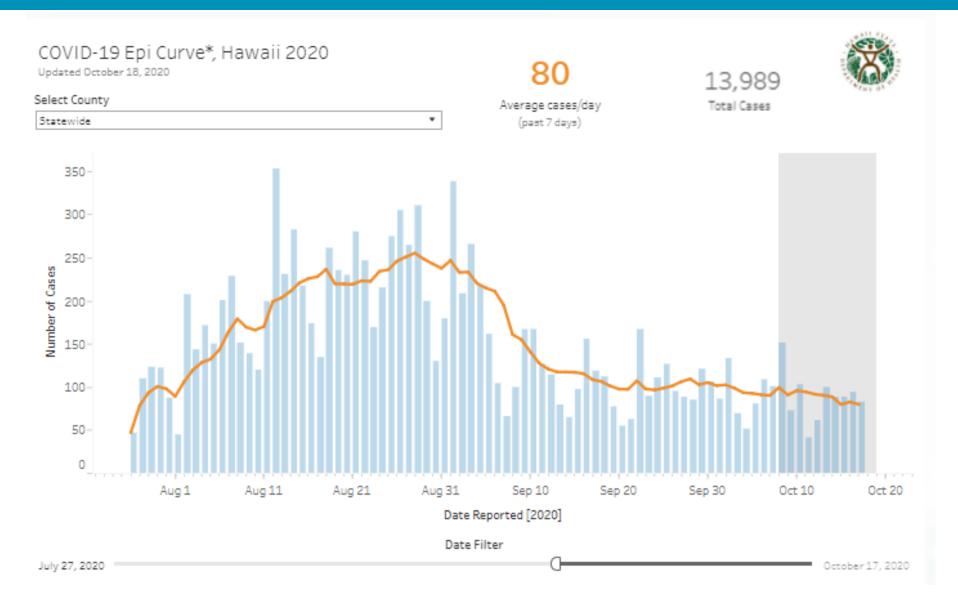




As of 10/19/20	Total Census	ICU beds occupied	# Ventilators in use	# New Admissions w/ COVID-19 screening	# New Admissions w/ positive COVID-19	# Patients currently hospitalized w/ suspect or confirmed COVID-19	# Patients currently on a ventilator w/ suspect or confirmed COVID-19	# Patients currently in ICU w/ suspect or confirmed COVID-19
KMCWC	148	AICU: 0 NICU: 65 PICU: 11	AICU: 0 NICU: 18 PICU: 5 Wilcox: 0	0	0	S: 0 C: 0	S: 0 C: 0	S: 0 C: 0
РММС	79	11	8	3	0	S: 2 C: 2	S: 0 C: 1	S: 0 C: 1
SMC	107	14	9	2	0	S: 2 C: 8	S: 0 C: 3	S: 0 C: 4
WMC	39	5	0	0	0	S: 0 C: 0	S: 0 C: 0	S: 0 C: 0

S = Suspected; C= Confirmed

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#### COVID-19 Testing\*, Hawaii 2020

Updated October 18, 2020

 Filter by County
 Filter by Surge

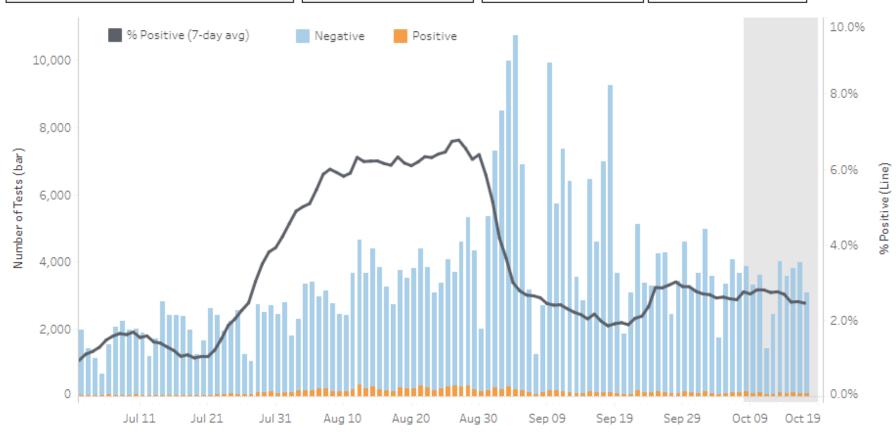
 (AII)
 ▼

477,316

Total Number of Tests Performed: 2.5%

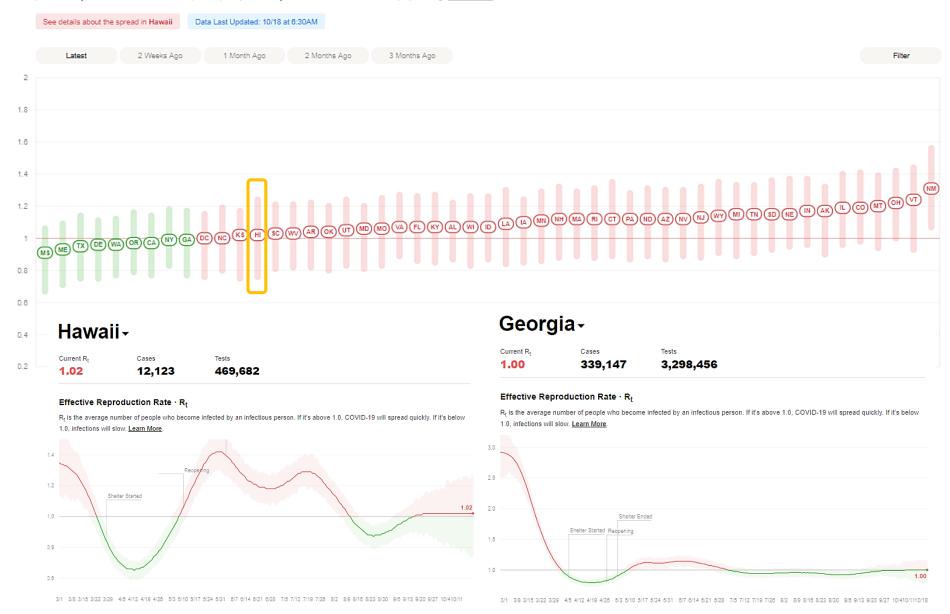
Percent Positive (past 7 days)





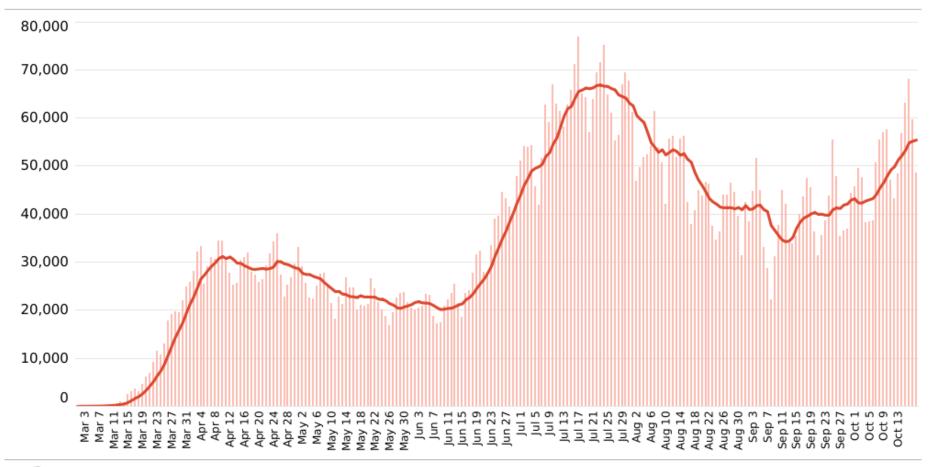
#### R<sub>t</sub> COVID-19

These are up-to-date values for R<sub>t</sub>, a key measure of how fast the virus is growing. It's the average number of people who become infected by an infectious person. If R<sub>t</sub> is above 1.0, the virus will spread quickly. When R<sub>t</sub> is below 1.0, the virus will stop spreading. <u>Learn More.</u>



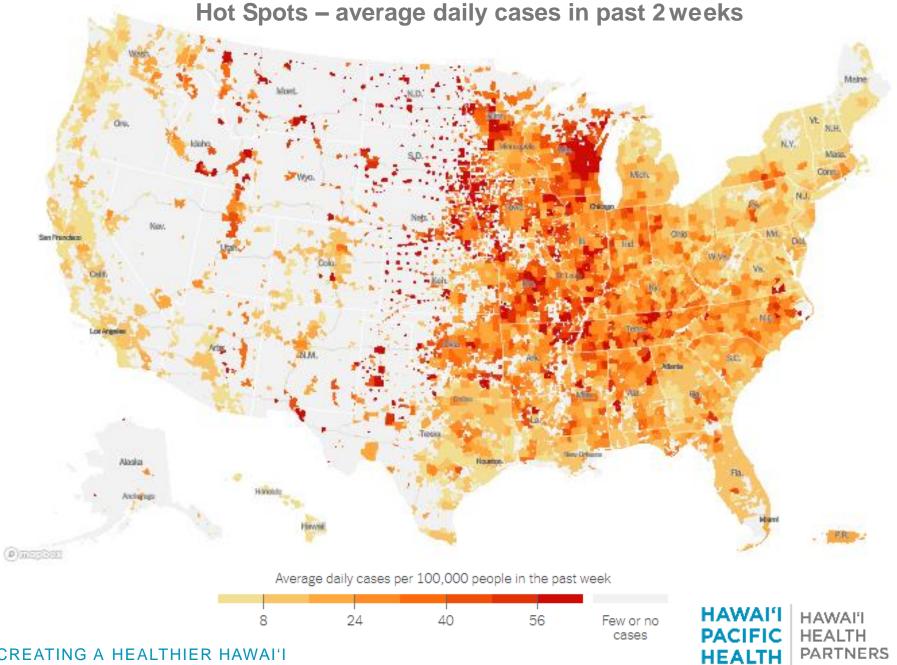
#### Mar 1 to Oct 18

#### **US DAILY CASES. 7-DAY AVERAGE LINE**



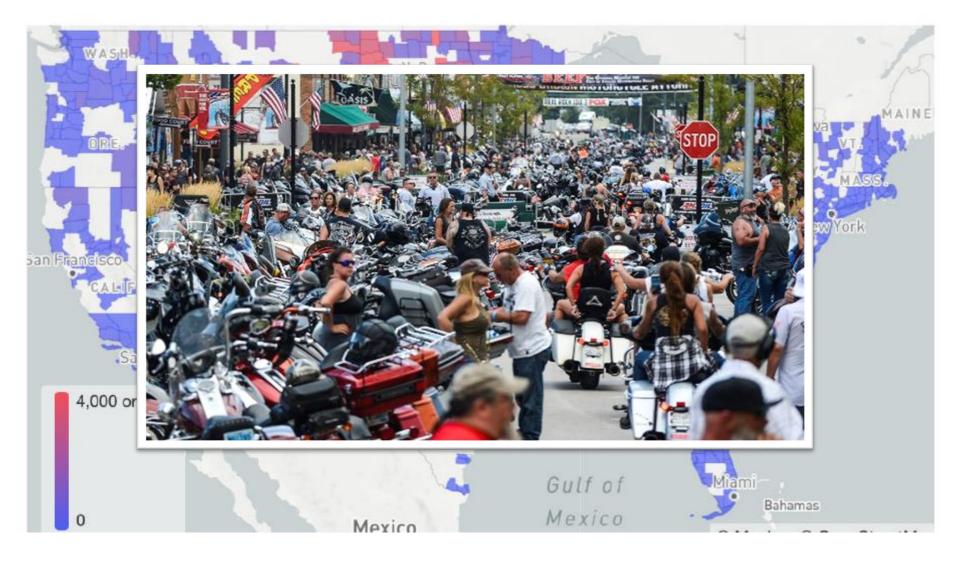






#### CREATING A HEALTHIER HAWAI'I

#### Estimated Rally Attendees by County (per 100,000 Residents)



2020 Sturgis Motorcycle Rally Analysis Mobility-Based Risk, Geographic Impacts, and Quarantine Compliance September 5, 2020 . COVID ALLIANCE.





"I was naive, I was dumb, you know? I shouldn't have went. I did; I can't change that, so I just got to move forward. But sitting here just the past few days, that's all I keep thinking about. I'm like, Jesus, look at the hell I'm going through, the hell I put everybody through. It ain't worth it. It wasn't. It really wasn't."

-Kenny Cervantes

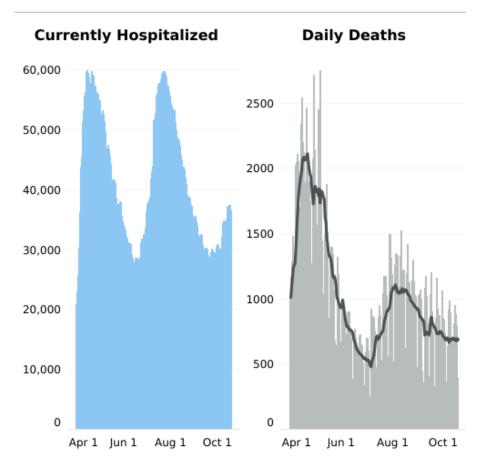


"I was wrong to not wear a mask at the Amy Coney Barrett announcement and I was wrong not to wear a mask at my multiple debate prep sessions with the President and the rest of the team. I hope that my experience shows my fellow citizens that you should follow CDC guidelines in public no matter where you are and wear a mask to protect yourself and others."

-Chris Christie



## Why a Different Level of Reaction?



- Hospital capacity not over-run
- Better treatments & outcomes
- Numbness & Pandemic Fatigue
- Less densely populated regions

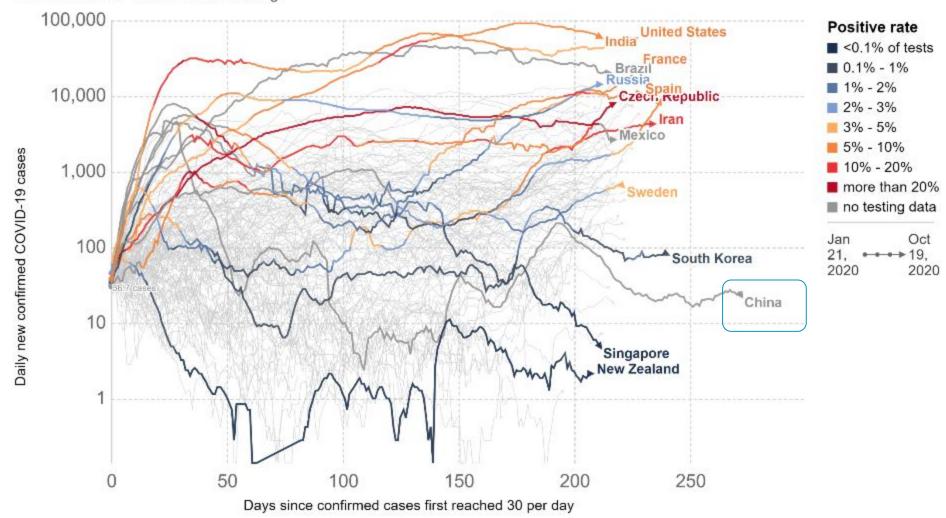
https://covidtracking.com/data/charts/us-all-key-metrics



#### Daily new confirmed COVID-19 cases



Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

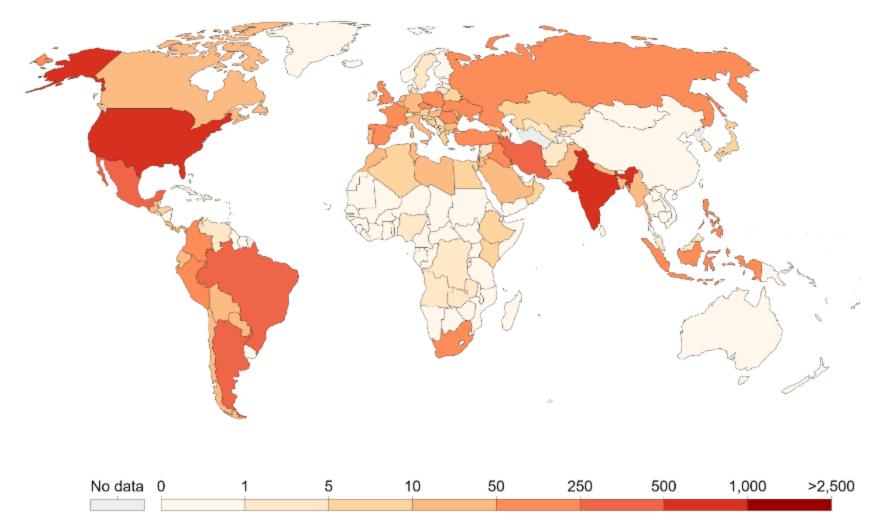


Source: European CDC – Situation Update Worldwide – Last updated 19 October, 10:35 (London time), Official data collated by Our World in Data
CC BY

#### Daily new confirmed COVID-19 deaths, Oct 18, 2020



Shown is the rolling 7-day average. Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.

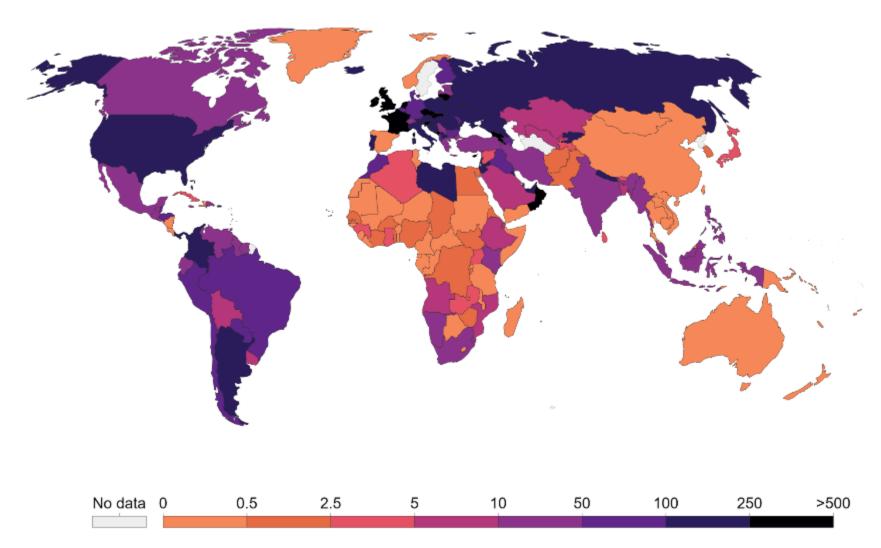


Source: European CDC - Situation Update Worldwide - Last updated 18 October, 10:05 (London time), Our World In Data

#### Daily new confirmed COVID-19 cases per million people, Oct 19, 2020



The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.



Source: European CDC - Situation Update Worldwide - Last updated 19 October, 10:35 (London time)

## Li Wenliang



- On Dec 30, 2019, Li Wenliang sent a message to a group of fellow doctors warning them about a possible outbreak of an illness that resembled severe acute respiratory syndrome (SARS) in Wuhan, Hubei province, China, where he worked. Meant to be a private message, he encouraged them to protect themselves from infection. Days later, he was summoned to the Public Security Bureau in Wuhan and made to sign a statement in which he was accused of making false statements that disturbed the public order.
- Li returned to work after signing the statement and contracted severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), apparently from a patient.
- Li died Feb. 7, 2020 at 33 years of age. He was survived by his wife who delivered their 2<sup>nd</sup> son on June 12, 2020.



## "People's War against the Disease"









#### Government denies existence and didn't share critical information for weeks

- Clinical course, treatment, outcomes
- Viral genome sequenced within 10 days of isolation (but not shared for 3 weeks)

#### Lockdown whole cities and neighborhoods

- Wuhan completely locked down for 76 days
- School openings delayed
- Holidays "closed" (Chinese new year)
- 14,000 checkpoints set up
- Used drones for surveillance and messaging
- Public transportation suspended
- Big data and health QR codes

#### Fancang hospitals

- built/stood up 13 hospitals, 13,000 beds in weeks
- 2 hospitals of 1000 beds built in 10 days.

#### Assuming Global leadership

- Medical Teams dispatched
- PPE widely distributed
- Vaccine development (Sinovac inactivated virus, Cansino Ac5 viral vector) & distribution (WHO's COVAX)
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## The New York Times

hange in real GDP

10%

-5

U.S.

2019 2020 2021

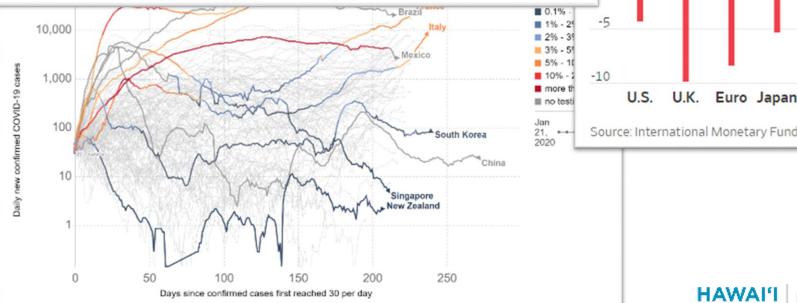
Monday, October 19, 2020

#### With Covid-19 Under Control. China's Economy Surges Ahead

Exports jumped, and local governments engaged in a binge of debt-fueled construction projects. Even consumer spending is finally recovering.

The country's vigorous economic expansion shows that a fast rebound is possible when the coronavirus is brought irmly under control.





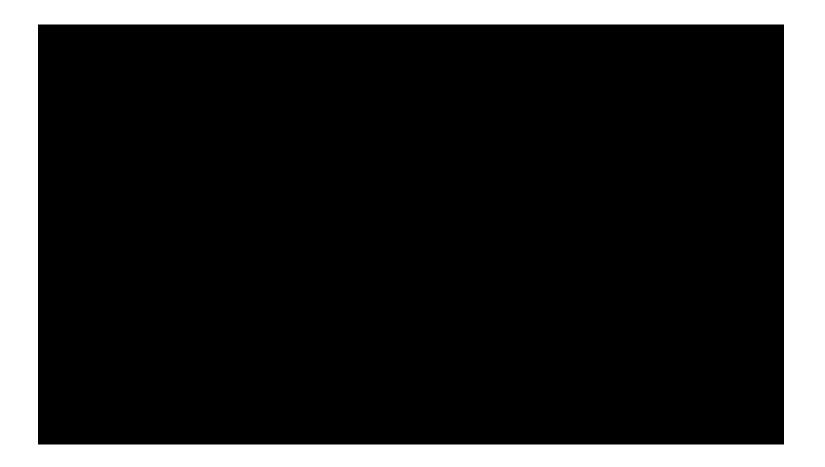
Source: European CDC - Situation Update Worldwide - Last updated 19 October, 10:35 (London time), Official data collated by Our World in Data CC BY

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Euro Japan China World





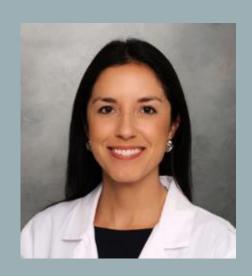




# Treatment and Vaccine Updates



## COVID-19 AND OPHTHALMOLOGY



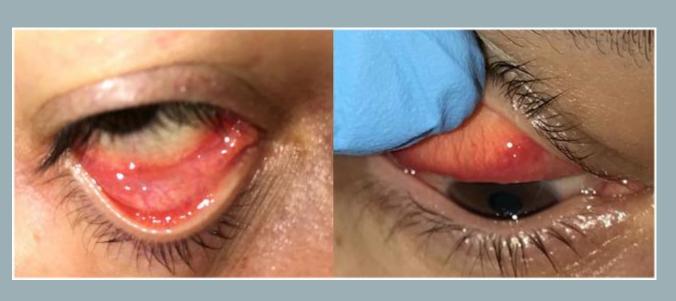
CLAUDIA HOOTEN, MD VITREORETINAL SURGEON

## "WHISTLEBLOWER"

- Li Wenliang, MD 33 yr old ophthalmologist who worked at Wuhan Central Hospital
- Later contracted COVID from asymptomatic glaucoma patient



## CONJUNCTIVITIS



- Hyperemia
- Epiphora
- Chemosis
- Increased secretions
- Foreign body sensation



Chen L, Liu M, Zhang Z, et al. Ocular manifestations of a hospitalised patient with confirmed 2019 novel coronavirus disease. British Journal of Ophthalmology 2020; 104:748-751

A.Daruichab D.Martinc D.Bremond-Gignac. Ocular manifestation as first sign of Coronavirus Disease 2019 (COVID-19): Interest of telemedicine during the pandemic context. Journal Français d'Ophtalmologie. Volume 43, Issue 5, May 2020, Pages 389-391

## CONJUNCTIVITIS

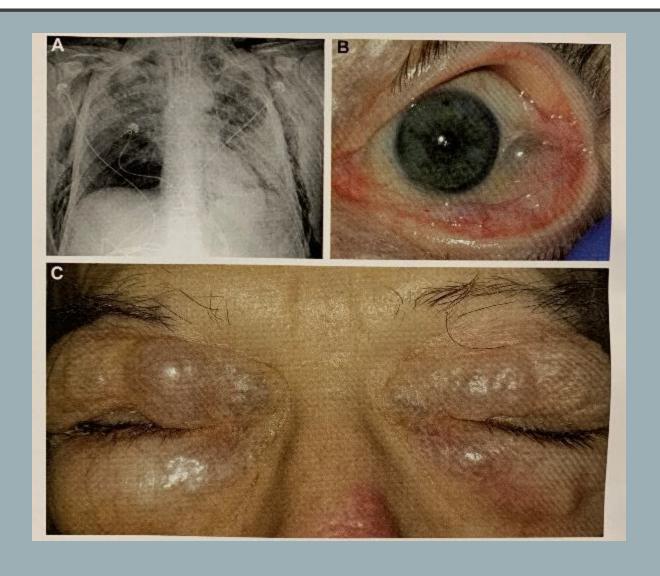
#### **COMMON DDX:**

- Viral (Adenovirus) MCC
- Bacterial (STDs)
- Allergic
- Foreign Body

#### COVID-19 SPECIFICS

- 0.7% (mild symptoms) 3% (severe symptoms) of all COVID19+ patients
- Occurs mid to late illness
- Most common in patients who have severe disease

## OTHER OCULAR MANIFESTATIONS



#### THEORIES OF POTENTIAL INFECTION

- Direct inoculation of the ocular tissues from respiratory droplets or aerosolized viral particles
- Migration from the nasopharynx via the nasolacrimal duct
- Hematogenous spread through the lacrimal gland
- Possible entry through angiotensin converting enzyme 2
   (ACE2) receptor found throughout the body including the eyes

## **EVALUATION**

A thorough history should be taken

•Telehealth visits are appropriate, and pictures can be useful

•Viral swabbing?

#### **TREATMENT**

Preservative-free artificial tears

Cold compresses

Lubricating ophthalmic ointment



Topical antibiotic drops

### EYE PROTECTION AND COVID-19

 If you wear contact lenses, consider switching to glasses

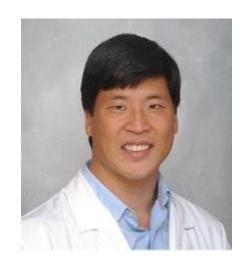
Glasses can add a layer of protection

Avoid touching or rubbing eyes

Practice safe hygiene and social distancing

## QUESTIONS?







James Lin, MD

Vice President, Information Technology
Pediatric Hospitalist, Kapi'olani Medical Center
Hawai'i Pacific Health







## 21st Century CURES Act Final Rule

- If there are no federal, state, or HIPAA laws restricting sharing, electronic health information is to be immediately made available to patients, other health care organizations, or 3<sup>rd</sup> parties for purposes of treatment, payment, or health care operations.
- Independent providers should evaluate the rule at www.healthit.gov/curesrule
- Compliance with the 1<sup>st</sup> phase required by Nov 2, 2020\*



 Guiding principle: Advance and support the access, exchange, and use of electronic health information by patients and providers/staff



Share Your Care!

Stronger relationships --> better patient engagement



## Sharing Care as a PCP

"I recently had a patient who is fairly active on MyChart come in to the office for an acute care visit. After reviewing the possible differential and work up, I explained she could see my documentation in MyChart."



## Sharing Care as a PCP

"She sent a follow up MyChart message noting her appreciation for the ability to review the different possibilities of the cause of her pain, and the plan discussed. It overall has strengthened the feeling of a patient-provider health care team."

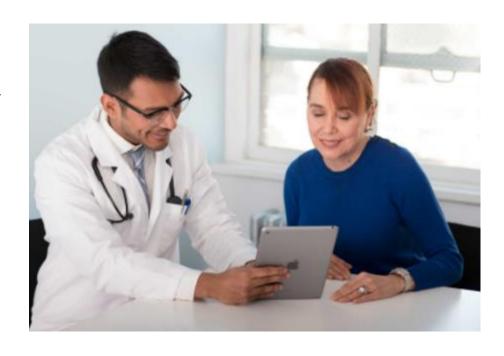


-Elizabeth Kim, MD, Family Medicine



## Sharing care as a Specialist

"I saw a patient in my Neurology clinic and shared my note about the visit with her. I heard later from her that she went to her endocrinologist who doesn't have access to HPH Epic."





## Sharing Care as a Specialist

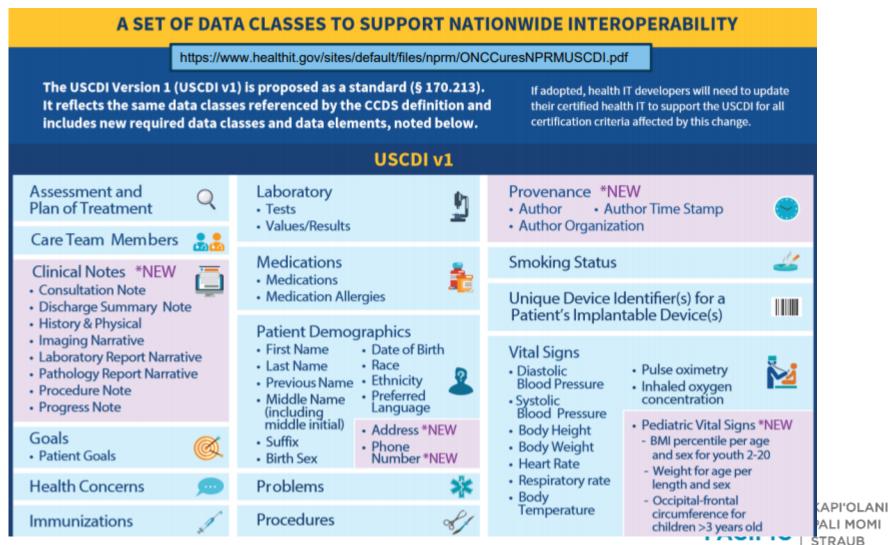
"She was able to open up MyChart and share my note to her endocrinologist to explain what I was thinking."



-Beau Nakamoto, MD Neurology



#### What Needs To Be Shared?



WILCOX

#### How Will It Affect Me?

- Patient (or proxy) with MyChart will have:
  - Clinical Notes from visits 11/2/20 point forward
  - Faster test result access
  - Future:
    - Access for adolescents 14-17 year old to mychart.
    - Access to clinical documentation in media tab
- Health Advantage Connect providers will have an options for exporting an electronic version of patient record





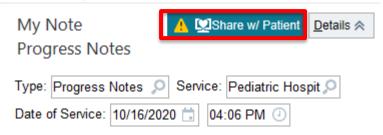
#### When Will the Information Be Shared?

#### To be shared immediately

- All labs and test results (except HIV for 7 days)
- All radiology results
- All cardiology testing (e.g. ECHO, EKGs, stress tests, etc)
- All pathology results

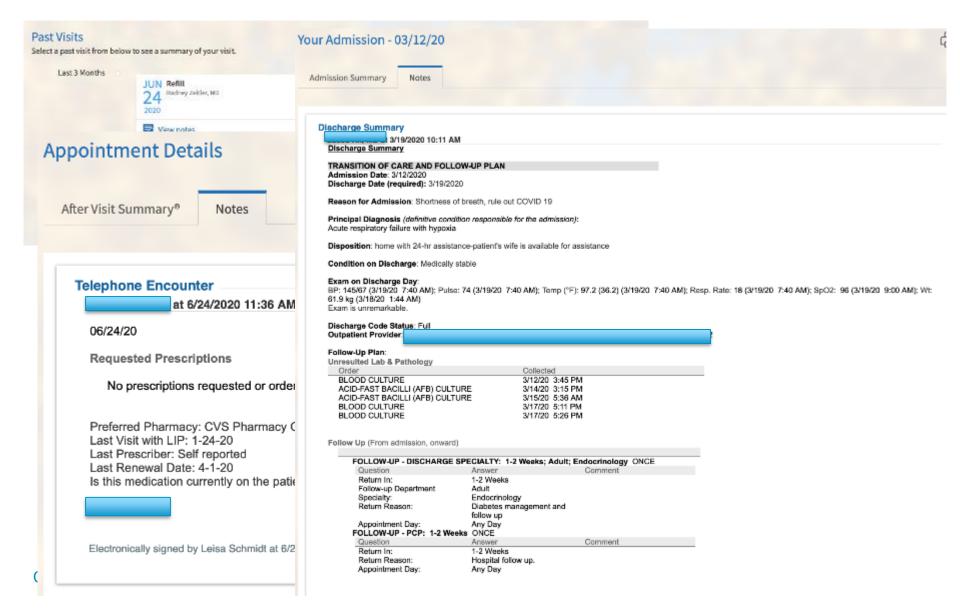
#### Will be shared once 'Sign'ed

- Notes for hospitalized patients (even if patient still hospitalized)
- Notes for clinic patients
- Notes for ED patients





#### What Does the Patient See?



## Information sharing also means...

- Sharing data electronically between providers, health care organizations, payors,
- Sharing data with Third Parties
  - Public Health registries
  - Clinical data registries
  - Health app developers
- Review and enhance procedures to evaluate and respond to new requests for sharing data





## **Exceptions to Sharing Information**

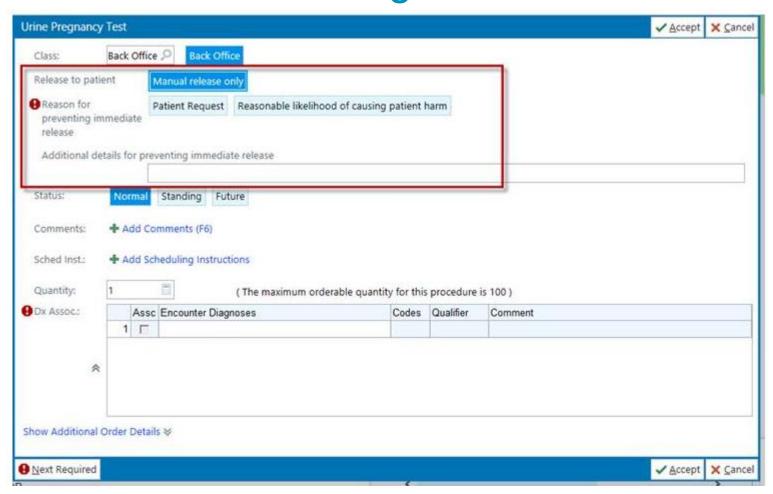
Few and narrowly defined



- Examples:
  - "Preventing Harm" as an exception to share
    - Author of note has to believe it will lead to physical harm,
    - Individual decision for the specific note or specific information
- Each note or test result which is not shared will be audited and need an explanation as to why it is not being shared.



# Documenting Reason to Not Release a Test Result When Ordering





## Penalties for Noncompliance

- If accused and found guilty of 'Information Blocking'
  - Individual Providers
    - Unable to attest for MIPS, CPC+, Meaningful Use = up to 9% deduction in medical claims and/or decreased hospital reimbursement
    - Potential for other penalties
  - Health care organizations who provide or exchange health information records
    - \$1 million per incident



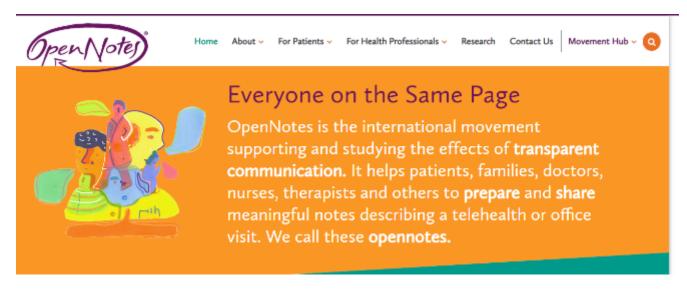
### Patient and Provider Responses to Open Notes

#### Patients

- Higher adherence, trust, and satisfaction
- 33 million patients already view notes in the US

#### Providers

- Minimal changes in documentation
- 97% reported no change in documentation time or patient questions







#### OpenNotes by the Numbers

OpenNotes is a national movement dedicated to making health care more open and transparent by encouraging doctors, nurses, therapists, and others to share their visit notes with patients. Patients want OpenNotes. We're learning that inviting patients to read notes may be an important way to improve communication, the safety and quality of care, and to enhance engagement and patient and provider satisfaction. OpenNotes is a valuable tool, especially among the most vulnerable, those with complex health conditions, and individuals who serve as care partners.

20,000 patients were in the original OpenNotes study.

99% of patients in the original study said they want OpenNotes, and

85% of patients said OpenNotes helped them feel more in control of their care.

Annals of Internal Medicine, October 2012, Delbanco, Walker, et al.

92% of VA patients say reading notes will help them remember the care plan better, and

90% of VA patients say notes help them take their medications as prescribed.

Veterans Affairs survey

29 Health experts provided recommendations for OpenNotes' next step, OurNotes. Pilots inviting patients to co-produce notes will begin in 2018.

Annals of Internal Medicine, November 2017, Mafi, Walker, et al.

99% of patients value access to notes. Top reasons include: **remembering** next steps, quicker **access to results**, gain **confidence in clinicians**, **share with care partners**.

JMIR, July 2017, Gerard et al

99% of patients feel the same or better about their physician after reading notes. Results were most striking among patients considered more vulnerable, indicating OpenNotes can improve trust, and

50% of clinicians felt that patient satisfaction and trust increased with note reading.

BM/ Quality & Safety, June 2016, Bell, Walker, et al.

42% of patient who share notes with a care partner do so to manage healthcare activities, 30% share access in case of emergency and 18% share because they themselves do not use a computer

Journal of the American Medical Informatics Association, August 2016, Wolff, et al.

88% of patients and 86% of care partners said they were able to prepare better questions for the doctor





## How Will It Change the Way I Document?

 Minimally if documentation best practices are kept in mind:

CONSIDER CHANGING	ALTERNATIVE SUGGESTION
"Morbidly obese"	"Has BMI >30" or "obese per medical criteria
"Patient refuses to take his pills"	"Patient has been non-adherent to therapy"
"Patient stinks of cigarette smoke"	"The smell of cigarette smoke is evident on the patient's clothes"
"Patient was SOB"	"Patient was dyspneic or short of breath"



#### What About Test Results?

CONSIDER for an outpatient provider	SUGGESTION
Letting your patients know they can view their test results in MyChart.	"I want you to know you might see your test results in MyChart before I do"
Discussing a plan if/when questions arise about what they are seeing.	"and I'll send you a MyChart message when I've had a chance to review it. If you have a question, feel free to send me a Mychart Medical Advice message or call during office hours"
Asking the patient how they want to find out the results.	"On the other hand, if you want to hear about the result from me, let's set up the follow up video visit now before you leave today."



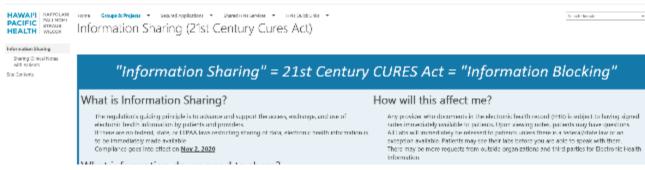
#### What Now?

- Educational material for providers to set patient expectations about test results or documentation
  - Coming soon! "A Practical Approach to Information Sharing and the 21<sup>st</sup> Century Cures Act"
    - Qualifies for HHP points!
- Updates to patient facing websites and MyChart to help patients understand the additional information
- Continuing evaluation and communicating changes due to the 21<sup>st</sup> Century CURES Act Final Rule



#### Where Can I Learn More?

- https://www.healthit.gov/curesrule/
- www.opennotes.org
- Health Advantage Connect Portal FAQs
- Medical staff bulletins
- Upcoming Q&A sessions with Health Advantage Connect providers
- Email: informationsharing@hawaiipacifichealth.org





## Thank you!



## Share Your Care!





# EPCS: e-Prescribing of Controlled Substances

Peter Di Rocco, MD

Physician Liaison, Medical Informatics,
Hawai'i Pacific Health



## Regulatory Requirement:

- The SUPPORT Act (Substance Use-Disorder Prevention that Promotes Opioid Recovery and Treatment) for Patients and Communities Act
  - Requires Medicare Part D prescriptions of opioids and other controlled substances are prescribed electronically beginning 1/1/2021
- Pharmacies may start refusing paper prescriptions for Medicare controlled substances to comply



#### What makes EPCS different?

- Requires identity proofing/registration for all credentialed and licensed prescribing clinicians (including Health Advantage Connect) to use this system
- Requires a two factor authentication during the ordering process for the provider (similar to VIP)
- Providers will be able to prescribe controlled substances in all care areas and on the go
- Improves patient experience



#### Should I Enroll?

 Yes: If you use HPH Epic to prescribe Outpatient controlled substances

 You are not required to enroll, however you may not be able to prescribe outpatient controlled substances from 1/1/2021 if you do not enroll



#### How Can I Enroll?

- HPH Medical Staff Offices, HHP, and Health Advantage Connect are reaching out to providers in groups to identity proof and enroll them in EPCS
- If you haven't been contacted for EPCS enrollment by 11/13/2020 please reach out to your Medical Staff Office.



## **Enrollment is Easy**

- If HPH MSO has your updated DEA, NED, and State license on file, all you need is your government issued state ID (drivers license) and an app on your phone
- If not, please bring the above to the virtual meeting (Skype with a camera) or in person meeting.



## Download the App Before the Appointment

#### iPhone link:



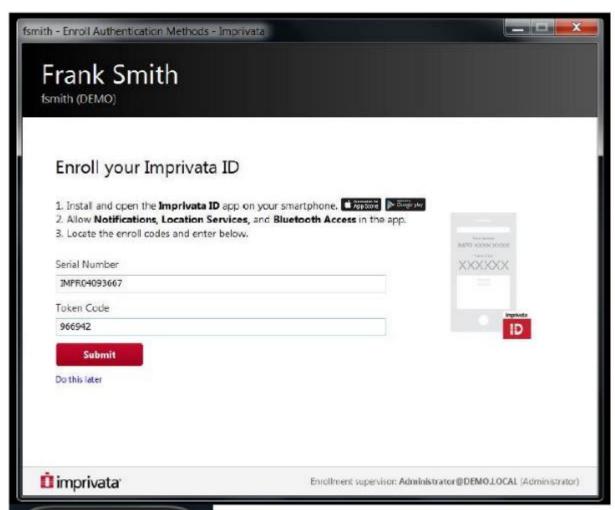
#### Android link:





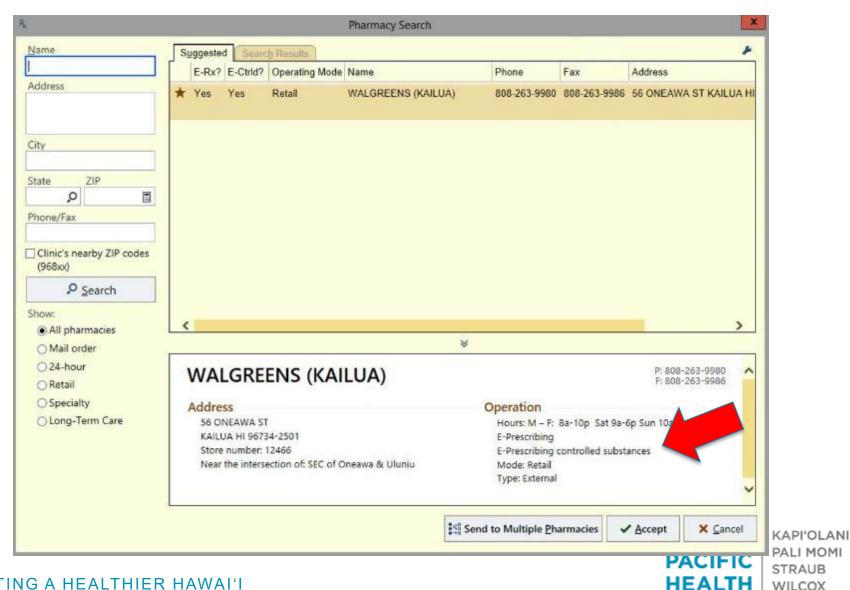
## **Enrolling:**







## Prescribing: Selecting the Pharmacy



WILCOX

## Prescribing:











## Target Go-Live: 12/7/20



## Q&A



#### HHP 7th Annual Membership Meeting

- How to Attend: Email invitation or HHP website
  - Register
  - 2. Download the Whova mobile app.
  - Create a Whova account

Start talking and engaging with your team members & colleagues!

- Now till Nov. 7<sup>th</sup>: Community Giveback Project
- Saturday, Nov. 7<sup>th</sup>: Virtual meeting
  - Whova
  - 8:00 a.m. to 12:30 p.m.







## Thank you!

- A recording of the meeting will be available afterwards.
- Unanswered question?
  - Contact us at <u>Covid19Bulletin@hawaiipacifichealth.org</u>

