COVID VACCINES HAVE ARRIVED AT PAMF

Here’s to a new day and a better tomorrow!
3000 doses of Moderna vaccine arrived on **December 22**

The first doses of the vaccine were given on **December 23**

**Dr. Lai**, was the first Physician recipient!

The first PAMF staff to receive the vaccine was **RW, RN, Urgent Care**

> I got my vaccine at PAMF/Sutter Health because...

> I am a healthcare Warrior!!!
1. Equity Considerations

Geography

- We serve 4 counties. Do you have everyone travel to the hub?
- Do you transport the vaccine to each county?
Current state
(as of January 25, 2021)

PAMF has launched 6 Vaccine Centers

- Dublin
- Fremont
- Los Gatos
- Mountain View
- Palo Alto
- Santa Cruz
2. Tiers/Priorities

- Within a tier, how far do you **segment**?
- How do you **split** between staff and physicians?
- How much **effort** should we devote to above?
Current state
(as of December 30, 2020)

- **Over 450** clinicians from Group A and Group B have been vaccinated at PAMF
- PAMF staff are also being vaccinated at the same time as the PAMF physicians
- If we expand vaccine delivery, we can move through the tiers quickly
3. How many people can with vaccinate with 3000 Doses?

Is this for 1500 or 3000 people?
I got my vaccine at PAMF/Sutter Health because…

I WANT TO BE PART OF THE SOLUTION!

Mission: Vaccinate Maximally!
4. How To Vaccinate Safely

- How much space for **social distancing** needs?
- How do you **maximize throughput** without sacrificing patient experience and safety?
PAMF Mountain View Vaccine Center Launches New Year Weekend 2021

360 vaccines delivered to clinicians and staff

1/2/2021 & 1/3/2021 AM
Injection Stations

Test Run of 11 injection stations
15 Minute Timers
Observation Bay
I got COVID vaccine because:

- Science is amazing
- I want to be a part of the solution
- It's time to end the pandemic!
- I want to start the end of this
- Dr. Fauci said so
- I work with COVID+ patients
- It's part of immunizing the world
- I want to protect myself and my loved ones
- It's the right thing for my community and my patients
Drive Through Vaccine Center Set up
Pre-drawn Vaccines
Injection Station

- Patient gets vaccine in the comfort of their care
Observation Area

- Patients wait in their vehicle for minimum of 15 minutes before departing
- Clinical staff patrols area
- Patients can sound horn to summon help
Paramedics on site

- Address any emergencies/anaphylactic reactions
5. Inconsistent Approaches Adds Confusion

Current Vaccination in Santa Clara County:

**Phase 1A**
- Healthcare personnel and Long-Term Care Facility Residents (All Health Systems)

**Phase 1B (Tier 1 - partial)**
- County residents 75 and older (County Health System, Kaiser Permanente, and Palo Alto Medical Foundation)
- County residents 65 and older (Stanford Healthcare)

*Vaccine availability and eligibility is changing rapidly, and all vaccinations are by appointment only at this time. The County will update this website regularly as new information becomes available.*
6. Intense Demand Breaks System

When do you start patient vaccines?

The Mercury News

PUBLISHED: January 14, 2021 at 2:35 p.m. | UPDATED: January 15, 2021 at 1:03 p.m.

BREAKING NEWS    Bay Area health officials are desperate for more vaccine to meet demand

NEWS › CALIFORNIA NEWS

Soaring demand among California seniors for COVID-19 vaccines causes chaos

Senior Californians report frustrating experiences trying to book vaccine appointments.

Sutter Health’s website crashed, and Kaiser Permanente’s phone line warned callers they may face up to four-hour wait times, leaving many of state’s seniors confused and frustrated.
7. Changing Guidelines

Administration

The mRNA COVID-19 vaccine series consist of two doses administered intramuscularly:

- Pfizer-BioNTech (30 μg, 0.3 ml each): 3 weeks (21 days) apart
- Moderna (100 μg, 0.5 ml): 1 month (28 days) apart

If it is not feasible to adhere to the recommended interval, the second dose of Pfizer-BioNTech and Moderna COVID-19 vaccines may be scheduled for administration up to 6 weeks (42 days) after the first dose.

Interchangeability with other COVID-19 vaccine products

In order to ensure completion of the vaccine series with the same product. In exceptional situations in which the first-dose vaccine product cannot be determined or is no longer available, any available mRNA COVID-19 vaccine may be administered at a minimum interval of 28 days between doses to complete the mRNA COVID-19 vaccination series. If two doses of different mRNA COVID-19 vaccine products are administered in these situations (or inadvertently), no additional doses of either product are recommended at this time.
8. Vaccine Supply Issues

California far short of Newsom’s goal of 1 million vaccinations in 10 days

states are challenged because investment was skewed toward vaccine development rather than the public health infrastructure needed to get it to people.

Problems with guidance at the top

Since the beginning of the pandemic, the federal government has refrained from issuing guidance on everything from testing to mask-wearing to reopening businesses. The Centers for Disease Control and Prevention so far has issued recommendations about vaccine priority but has not stepped in on vaccine distribution, leaving states to figure it out themselves.
9. This is Hugely Emotional
How do you clearly communicate?
10. Equity Concerns
Technology Barriers

Online sign-ups complicate vaccine rollout for older people

Nearly 9.5 million seniors, or 16.5% of U.S. adults 65 and older, lack internet access, according to U.S. Census Bureau data. Access is worse for seniors of color: more than 25% of Black people, about 21% of Hispanic people and over 28% of Native Americans 65 and older have no way to get online. That’s compared with 15.5% of white seniors.

Some seniors may be waiting to hear from their doctor. But there are limits to using health care systems, pharmacies or primary care providers to reach underserved people who don’t have the internet,
Prioritizing Vulnerable Communities
How to make this easier?

Revision of Allocation Guidelines for COVID-19 Vaccine

January 13, 2021
(Updated January 22, 2021)

Based on available supply, prioritize and target outreach efforts as follows:

- **Age**, with persons 75 years or older prioritized due to increased risk of mortality and other severe disease
- **Occupational Risk Exposure**, individuals working in sectors in Phase 1b, Tier 1 with high occupational exposure
- **Residence in vulnerable communities**, as determined by the California Healthy Places Index or comparable local health department knowledge, to address equity and communities disproportionately affected by the pandemic.
3 tracts in the Santa Cruz area that fall into the lowest quartile under HPI metrics and meet this criteria: 1106, 1105.1 and 1103.

How can we make it easy to reach out to patients in these census tracks?
In a stab at equity, L.A. hospital vaccinates older relatives of housekeeping staff
PAMF/Sutter Health Efforts

- Launch mass vaccine centers to increase vaccine delivery capacity
- Explore mobile van to vaccinate home bound patients
- Partner with community organizations to reach out to vulnerable populations
- Personal outreach to at risk patients to assist with vaccine scheduling
- Phone or letter communications to patients without online access
- Explore tracking vaccine rates by at risk populations. Use this data to close disparities with our outreach and operational processes.
We are in this together!

I got my vaccine at PAMF/Sutter Health because…

Every end is a new beginning!

Sutter Health
Ed Yu, MD, CMQ, CPPS, CPE
Chief Quality Officer
Palo Alto Foundation Medical Group/Sutter Health
333 Distel Drive
Los Altos, CA 94024
650-934-8674 (O)
650-388-0867 (M)
yue2@pamf.org