

# Marin Healthcare District

## Community Health Seminar Series:

### COVID Vaccinations

Feb 10, 2021 5:30 – 6:30 PM

#### Panelist

- **Susan Cumming, MD, SFHM** - Medical Director, Quality, MarinHealth Medical Center
- **David Klein, MD, MBA** - CEO, MarinHealth and Marin Healthcare District
- **Karin Shavelson, MD, FAAP** - Chief Medical Officer, MarinHealth Medical Center
- **Gregg Tolliver, MD, MPH** - Infectious Disease Physician, MarinHealth Infectious Disease | A UCSF Health Clinic
- **Matt Willis, MD, MPH** – Marin County Public Health Officer

#### Moderator

- **Jennifer Rienks, PhD, MS** – Marin Healthcare District Board Chair



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Gregg Tolliver, MD MPH

MarinHealth Medical Director  
Infectious Disease

# COVID Vaccine Pipeline



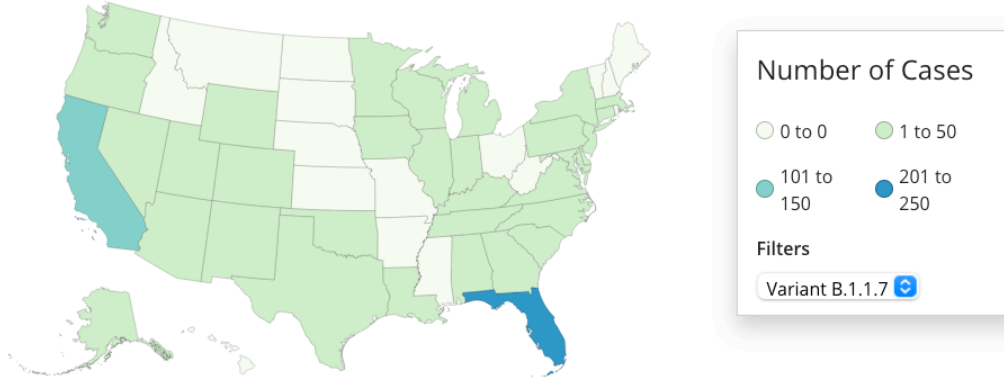
# Variants

## US COVID-19 Cases Caused by Variants

Updated Feb. 8, 2021 [Languages](#) [Print](#)

Variant	Reported Cases in US	Number of States Reporting
B.1.1.7	690	33
B.1.351	6	3
P.1	3	2

### Emerging Variant Cases in the United States\*†



Territories [AS](#) [GU](#) [MH](#) [FM](#) [MP](#) [PW](#) [PR](#) [VI](#)



# Johnson & Johnson

- Johnson & Johnson = Janssen
- one dose only
- Uses AdVac, proprietary biotech using adenovirus Ad26
- 72% efficacious in US at blocking moderate and severe disease
- The vaccine was 85% effective against severe disease cases no matter the infectious variant
- J&J vaccine against moderate or worse Covid-19 fell to 57% in South Africa
- 85% effective in preventing hospitalization and death across all regions
- FDA's Vaccines and Related Biological Products Advisory Committee (VRBPAC) will meet on Feb. 26, 2021 to discuss [\*\*Johnson & Johnson's request for emergency use authorization of its COVID-19 vaccine.\*\*](#)

# AstraZeneca COVID-19 Vaccine

- ChAdOx1 nCoV-19
- confirms 100% protection against severe disease, hospitalization and death in the primary analysis of Phase III trials
- Increased efficacy with longer inter-dose interval

Protection of over 70% starting after a first dose

First indication of reduction in disease transmission of up to 67%



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COVID Vaccine: True or False

Karin Shavelson MD

MarinHealth Chief Medical Officer



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#1 I already had COVID so I do not need to get  
the vaccine

*True or False?*



# FALSE

- You *\*do\** need to get the vaccine
- It is unclear how long one's "natural immunity" will last after being infected. Reinfection is possible
- If you received monoclonal antibody for COVID, then you will want to wait until 90 days have passed



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#2 Once I have had both vaccine doses, I don't  
need to wear a mask any more

*True or False?*

# FALSE

- You will still need to wear a mask, stay 6 feet apart, wash hands and limit gatherings
- Experts do not yet know if someone who has been vaccinated could be an “asymptomatic carrier” and possibly spread COVID
- The vaccines are 95% effective but (a) one could be in the 5% who do not have full immunity and/or (b) one could still contract mild disease
- Basic message: The “herd” benefits from every vaccine given but we will all need to continue safety measures for the time being



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#3 The vaccine will not impact a woman's future  
fertility

*True or False?*

# TRUE

- This rumor began on a Facebook anti-vax site that has since been removed. Unfortunately, the misinformation spread.
- Data from the human studies of the Pfizer vaccine don't bear out this theory. In the Pfizer trial, which included more than 37,000 people, women were given pregnancy tests before they were accepted to the study. They were excluded if they were already pregnant. During the trial, 23 women conceived, likely by accident. Twelve of these pregnancies happened in the vaccine group, and 11 in the placebo group. They continued to be followed as part of the study.



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#4 I heard people feel lousy after the second shot - so I should skip the second shot

*True or False?*

# FALSE

- It is normal for patients to feel worse after the second shot
- The first shot has primed the body's immune system – basically, it has shown your body what the enemy looks like and your body is gathering up an army of antibody
- With the second shot, your body's army goes to war and victory is complete! Your army is now skilled at recognizing and defeating the COVID enemy.
- The symptoms after the second shot vary widely but are mild and can be managed with supportive measures (fluids, anti-pyretics, rest)



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#5 You can get a text from Dr Fauci after you get  
your vaccine

*True or False?*



# TRUE

- The CDC offers a program to vaccine recipients called “v-safe”. It is a smart phone based app that uses text messaging and a web-based survey. You will be given simple signup instructions after your first vaccine.
- Since you have to wait 15-30 minutes after the vaccine, it is a perfect time to sign up for v-safe
- V-safe allows you to inform the CDC of any symptoms or side effects of the vaccine that you might be experiencing. It is a text at regular intervals that is quick and easy to respond. It will also remind you as to when your second dose is due.
- You can change the sender of the text message to anyone you’d like – Dr Fauci, your mom, whomever!



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## COVID-19 Vaccination Programs

Susan Cumming MD, SFHM

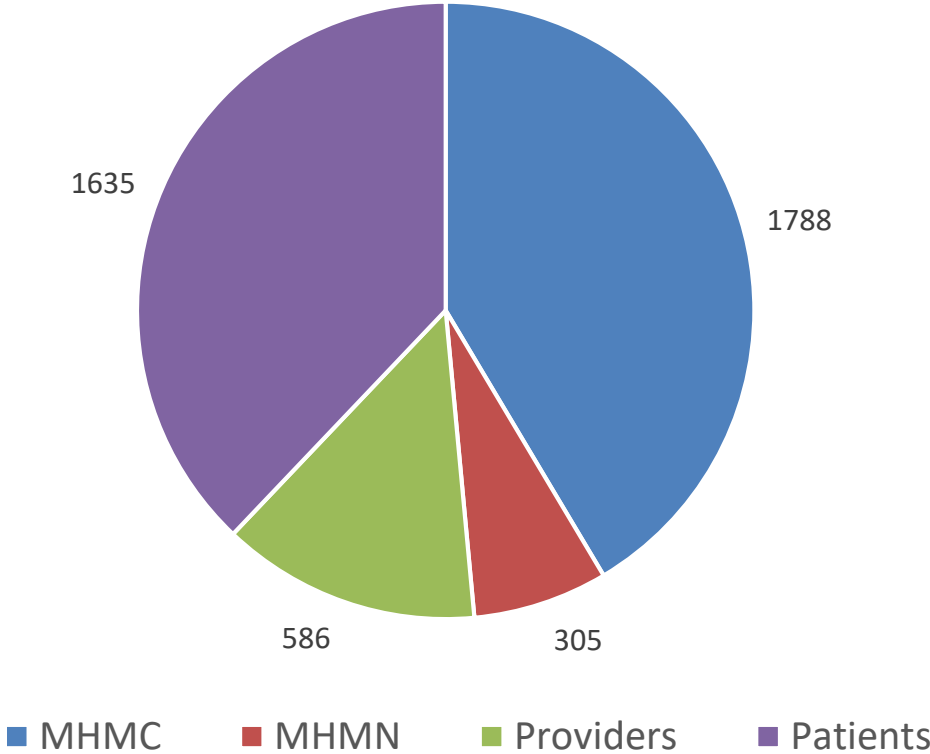
2/10/2021

# MarinHealth Vaccination Programs:

- Vaccine supply:
  - MarinHealth supply comes from Marin County DPH
  - Kaiser, Sutter and UCSF are MCEs (multicounty entities):
    - vaccine is distributed directly to their organizations from the State
- Employee (Hospital and Network) vaccination program 12/17/20- 2/3/21
  - Collaborative effort: Infection Prevention Team, Nursing, Pharmacy
  - 2,679 individuals immunized
  - Vaccination rate comparable to other healthcare organizations (78%)
    - Includes 586 physicians, nurse practitioners, physician assistants, midwives
- Patient vaccination program: launched 1/22/2021
  - Follows County Guidelines on WHO to vaccinate (75+)
    - Demographics: >75yo = 23,000 people, 65-74yo = 33,000 people
    - Deaths: 75% are 75y+, 16% are 65-74yo
  - Moderna vaccine
  - Very few Adverse Events

# MarinHealth Vaccines: By the Numbers

Vaccines given as of 02/05/21 = 4314 people



# MarinHealth Patient Vaccine Clinic

- 1/23/21 – Opened Clinic in old Medical Center ER
- Vaccinated **1,680** patients through 2/5/21
- Main Limitation: VACCINE, VACCINE..... VACCINE!
- Amazing Spirit of Volunteerism and
- Strong Collaboration between UCSF, Medical Center and Network Providers / Staff



# MarinHealth Patient Vaccine Clinic Operations:

- Patient Outreach
  - Manual scheduling by MHMN Call Center Team
  - MyChart bulk order, direct patient scheduling
  - Patient “word of mouth”
- Staffing
  - Pharmacy
  - Volunteers
    - Physicians, MHMN / MHMC Leaders and more
  - MHMN staffing with APeX access
  - Nursing Students
- Security
- IT: UCSF AND MarinHealth



# COVID-19 Vaccine Challenges

- **SUPPLY**
  - Need to follow Marin DPH guidelines to target those most at risk of death
  - MarinHealth has elected to schedule based on **confirmed** supply to avoid having to cancel patient appointments
- Cold chain storage (Moderna vs Pfizer)
- Set doses per vial + “extra” doses (**surprise!**)
  - End of day scramble when we have more than expected doses!
- Social distancing, Observation requirement (15-30”)
  - Post vaccination: space can become an issue at higher throughput
  - Older age group come with walkers, wheelchairs and caregivers
- IT
  - Great EMR build to support clinic workflow and required State reporting
  - Needed to expand pool of trained staff to support clinic
- Staffing – volunteers; reassignment of staff from other duties
- 2nd shot scheduling & volume



# In the Clinic: Staff Make it Happen!





# GRATITUDE FROM OUR PATIENTS

