Inpatient COVID-19 Vaccine Nursing Workflow

EXPANDED GO-LIVE November 16th, 2021

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Inpatient COVID-19 Vaccine

**Vaccinate eligible patients prior to discharge***

- Provider screening upon admission
- Vaccinate when clinically stable
- Eligible $\geq$ 5 (subject to change)

**Pfizer (first dose)**

- Available daily at Parnassus, MB, and MZ.
  - Order day prior to desired administration.
- Available Monday-Friday at BCH Oak.
  - Order in APeX Sun-Thurs, day prior to desired administration

*Subject to vaccine availability*
Expanded Inpatient Vaccine Available Now!

Does your patient need a COVID vaccine?

Vaccinate eligible inpatients prior to discharge.*

UPDATES:
• NOW AVAILABLE FOR AGES 5 AND UP
• & BOOSTERS FOR QUALIFYING ADULTS
VACCINATE AS SOON AS CLINICALLY STABLE

SAME DAY ORDERING BEFORE 8:30 AM
FIRST DOSE: Pfizer Vaccine
- Available Every Day (Parnassus, MB, MZ).
- BCH Oak Monday-Friday only.
- Order: Core Admission Order sets or “COVID-19 Vaccine Screening Panel”

2ND & 3RD DOSE: All 3 vaccines available
- Order: “2nd and 3rd dose panel”

BOOSTER: Any of the 3 vaccines

*Eligible >=5 (subject to change)
*Subject to vaccine availability
*Does not include same day surgery
Print and Date Second Dose Scheduling Reminder—Linked in MAR

Pfizer Second Dose Scheduling Reminder Sheet

Dear UCSF Health Patient:

You received your first dose of the Pfizer COVID-19 vaccination on ________________.

You will need to schedule an appointment to receive your second dose after 21 days.

You may opt to receive your second vaccine closer to home. Most areas have same day vaccination appointments available through local pharmacies. Here are some online resources to assist you in scheduling your second dose:

- UCSF COVID-19 Vaccine Information: https://www.ucsfhealth.org/covid/vaccine
- California MyTurn: https://myturn.ca.gov/
- Walgreens: https://www.walgreens.com/findcare/vaccination/covid-19
- CVS: https://www.cvs.com/vaccine/intake/store/covid-screener/covid-qns

If you need help scheduling an appointment, please call the COVID-19 vaccine scheduling hotline at (415) 478-3307.

For appointments at UCSF Benioff Children’s Hospital Oakland, please call (415) 514-1196, Monday to Saturday from 7 a.m. to 7 p.m. and Sunday from 8 a.m. to 5 p.m.

All BCH vaccines will be provided at our vaccination clinic in the outpatient center for BCH Oakland, directly across the street from the hospital, at:

BCH Oakland Outpatient Center
744 52nd St.
Oakland, CA 94609

Please note:

- Patients 12 to 17 years of age must be accompanied by a parent or caregiver.
- Patients and their parents or caregivers will be screened for COVID-19 symptoms. Anyone with symptoms will be asked to reschedule.

Additionally, Uber and Lyft are offering assistance with transportation to vaccine appointments:

- Lyft: https://www.lyft.com/vaccine-access (four free rides up to $15)
New Admit Order Workflow

**ADMITTING PROVIDER/RN:**
- Perform COVID Vaccine Reconciliation on all patients ≥ 18 years. (Insert to sheet)

**>5yo with NO Vaccine Record in APX:**
- AUTO-TRIGGERS ORDERSET

**Admission COVID Orderset**

**NO:**
- Contraindicated or refused

**NO:**
- History of vaccination (vaccine record needs verbal confirmation)

**YES**
- Should be given vaccine

**DC Milestone: COVID Vaccine Administered/Refused AUTO-ADDS**

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**PHARMACY:** prepares and dispenses (prior to nursing unit next day between 8–10 am / 3:30–4:30 PM) or daily (Mon, Tue, Wed)

**NURSING:** Vaccine administered by 11 am (link to full nursing workflow). Provide info for second dose scheduling on specific chart—linked in MAR.

**DC Milestone: COVID Vaccine Administered/Refused AUTO-COMPLETES**

**Defer:**
1) Clinical instability
2) Unable to verbally confirm vaccine status
3) Pt. hesitant about vaccination
4) Other (free text)

**Reminder 1000s**
- Discharge milestones
  - Red button: IP DISCHARGE REPORT
  - Infection control confirm patient System List
  - N/A

**DC Milestone: Re-screen for COVID Vaccine Auto-ADDS**

**CASE MANAGEMENT:** submit COVID referenced APN list and communicate about daily in vivo.

**NURSING:** Reminder 3 days before stop (expected date of discharge) — NOTIFY ancillaries.

If patient remains hospitalized for 21 days, contact op pharmacist to initiate second dose workflow.
*Contraindications (noted in order)*

- History of organ transplant or stem cell transplant in the past 90 days or in the next 30 days
  - Speak to transplant team about the timing of COVID vaccine. Depending on transplant type, may need to delay for 30-90 days
- History of receiving convalescent plasma or monoclonal antibody therapy (e.g. bamlinivumab) for the treatment of COVID-19 disease in the past 90 days
  - May need to delay vaccine until at least 90 days have passed
- Currently sick with COVID-19 disease, in isolation
  - May be vaccinated once recovered from COVID-19 and have met the criteria for discontinuation of isolation precautions
Providers will write order
• For Mission Bay (Adult and BCH SF), Parnassus, Mt. Zion
  • Vaccine will be delivered by pharmacy to the unit med room refrigerator between 9 am - 10 am the next day (seven days per week)
• For BCH Oakland
  • Vaccine will be available for pick-up from pharmacy by 10 am (Monday-Friday)
Vaccine Dose from Pharmacy

Prepared dose

- Dispensed from pharmacy with patient specific label and barcode
- Sent with BLANK vaccination card

*Rescue meds* (Epinephrine and diphenhydramine are included in vaccine order)

Delivery

- Vaccine will have patient label with manufacturer, lot #, and expiration time and refrigeration sticker.
- Expiration time on syringe will be 6 hours from time of dilution.
- Check Vaccine expiration on label prior to administration
Vaccine Administration

1. Verify provider’s order for vaccine

2. Provide and review [FDA Emergency Use Authorization (EUA) Fact Sheet for Recipients and Caregivers](#) and [Second Dose Reminder sheet](#)

3. Review potential side effects such as:
   - Local: pain, erythema, swelling
   - Systemic: headache, fatigue, chills, myalgias, low grade fever

4. Confirm patient afebrile for the last 24hrs
   - If febrile, inform MD & return dose to pharmacy as needed
Vaccine Administration (cont’d)

5. Review order in MAR in the patient’s room

6. Visually inspect dosing syringe
   • Verify dose volume
     • 0.3 mL for 12 and up
     • 0.2 ml for 5-11 year old
   • Confirm there are not particles and no discoloration (should be an off-white suspension)
   • Do not administer if discolored or contains particulate

7. Scan the medication label

8. Administer vaccine intramuscularly, deltoid preferred

9. Complete documentation in MAR
Post-Vaccine Administration

10. Give patient completed vaccination card with:
   • Manufacturer
   • Lot #
   • Date
   • Health Professional/Clinic Site (UCSF)

11. Observe patient for 15 minutes post-administration
   • 30 minutes for history of severe reactions/ anaphylaxis

12. If patient shows signs of distress, call RRT or Med Stat
   • Parn: 443-4357 or Voalte: Parn RRT
   • MZ: (628) 248-9011, 443-4444 or Voalte
   • MB Adults: Voalte 502-0562 or 443-FAST(3278)
   • MB BCH SF: 3-1611
   • BCH Oakland: x55 for Med Stat
Process if Patient Declines Vaccine

• Document “not given” in MAR, include reason (refused, immunized, not available, med dropped)

• Extra or Unused Vaccine Dose Process
  • RN calls pharmacy and returns extra dose
    • Parn (12 Satellite) 3-8152
    • MB (Main) 4-2100, press 1
    • MZ (Main): 5-7442
    • BCH Oakland: x3321

  • Determine if Pharm tech can pick up quickly, have ready for pick up
  • If Pharm tech cannot pick up, nursing will return vaccine ASAP to reallocate dose
  • Pharmacy will relabel and reallocate

• Notify MD of pt’s refusal or if pt did not receive the vaccine

• AVS print → hard stop
Additional Nursing Workflow

• Charge RN will wrench in COVID Vaccine into their PAF column to view possible discharges in the next 2-3 days to confirm if eligible patients want vaccine.
• MDR will facilitate conversation around discharge and will need the MD to order the vaccine manually before discharge.
• Patients with vaccine orders: CONFIRM by 8 am if they still want vaccine.
  • *If pt doesn’t want vaccine, contact pharmacy quickly (by 8:30 am) so they can reallocate before 9-10 am delivery (Parn: 12 Sat; MB&MZ: Main; Oakland: Main)*
• Nurse needs to give vaccine as close to 11 am to avoid expiration.
Review of Deltoid Landmarks and Supplies

- Use thickest part of the deltoid

- Locate lower edge of acromion process and go 2-3 finger breadths beneath

- For adults:
  - Use 22- to 25-gauge needle
  - Use 1- to 1.5-inch needle*

- For children (5-18 years):
  - Use 22- to 25-gauge needle
  - Use 5/8- to 1-inch needle

*Some experts recommend a 5/8-inch needle for men and women who weigh less than 60 kg (130 lbs)

Reference: [CDC Vaccine Administration](https://www.cdc.gov/vaccines/)
Review of IM Injection

• Have patient sit, if possible, with arm relaxed at their side
• Sit at the same level as patient to ensure proper insertion angle
• Clean the site with alcohol and allow it to dry
• Quickly insert needle at 90 degree angle
• Administer all of the vaccine then remove needle
• Engage safety and deposit in the Sharps container
• Place a band aid as needed