

## EMS Skills Checklist for Vaccine Administration – Supervisor Review Tips

The checklist can be completed by a physician, registered nurse, CIC, CLI or field training officer. Maintain the completed check sheet at the primary EMS agency. Below are some helpful hints for Supervisor Review. These match with the EMS Skills Checklist.

### A. Patient Education

1. EMS will use the Moderna vaccine. It is given Intramuscularly in the arm (deltoid) or thigh (vastus lateralis)
4. See attached Moderna EUA Fact Sheet for Vaccine Providers
5. Contraindications to the Moderna COVID-19 vaccine:
  - Less than 18 years of age
  - Severe allergic reaction to a previous vaccine (anaphylaxis) or any ingredients of the Moderna vaccine (lipids (SM-102, polyethylene glycol [PEG] 2000 dimyristoyl glycerol [DMG], cholesterol, and 1,2-distearoyl-sn-glycero-3-phosphocholine [DSPC]), tromethamine, tromethamine hydrochloride, acetic acid, sodium acetate, and sucrose)
  - Currently on quarantine/isolation for a positive COVID test (if >10 days ago and patient has been asymptomatic for past 24 hours, they can receive the vaccine)
  - Treated with antibody therapy (monoclonal antibodies) for COVID-19 within the past 90 days (3 months)
  - Has received any other vaccines within the past 14 days (2 weeks)
  - Currently has moderate to severe illness from any cause (persons with mild illness can be vaccinated)

Relative contraindications:

- Pregnant or considering becoming pregnant – recommended patient discusses with their OB or PCP. Studies have not shown any adverse effects on unborn children.
  - Cancer, leukemia, HIV/AIDS, autoimmune disorders – the patient may have a less strong response to the vaccine but can still be vaccinated.
  - Taking medications that affect the immune system such as steroids, anticancer drugs, or recent chemo/radiation – the patient may have a less strong response to the vaccine but can still be vaccinated.
6. Side effects reported include injection site reactions: pain, tenderness and swelling of the lymph nodes in the same arm of the injection, swelling (hardness), and redness as well as general side effects: fatigue, headache, muscle pain, joint pain, chills, nausea and vomiting, and fever. Most side effects resolve within 24-36 hours. NSAIDS such as acetaminophen can be helpful for pain and fever. If reaction is severe, call 911 or go to the nearest hospital.

### B. Medical and Office Protocols

1. See attached standing order. Emergency protocols are the standard Collaborative NYS protocols for the level of provider administering the vaccine.
5. Moderna COVID-19 vaccine vials can be stored refrigerated between 2° to 8°C (36° to 46°F) for up to 30 days prior to first use. Unpunctured vials may be stored between 8° to 25°C (46° to 77°F) for up to 12 hours. After the first dose has been withdrawn, the vial should be held between 2° to 25°C (36° to 77°F). Discard vial and any pre-drawn syringes of vaccine after 6 hours.

**C. Vaccine Preparation**

5. Correct size needles for most patients will be 24 gauge, 1" needle. For very large individuals, a 1.5" needle may be helpful.
7. The dose of the Moderna COVID-19 vaccine is 0.5 mL. It should not be diluted.

**E. Records Procedures**

3. CDC Vaccination record should include date, Moderna Vaccine Lot # and vaccinating agents name (EMS agency abbreviation). Date for the next vaccine dose should be recorded on the back of the card.

Questions?

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