

Vaccine doses may leak when transporting to outdoors for administration.

Recommendations for vaccine withdrawal and administration techniques to decrease variability between doses

- When preparing vaccine indoors then taking outdoors for administration, recognize that temperature change from warm to cold poses a chance for vaccine to leak from needle/syringe into cap.
- It is recommended to follow Pfizer-BioNTech and Moderna guidance for temperature excursions and storage.
- Prefilling of syringes should be limited, as vaccine stability in syringes has not been thoroughly evaluated. Vaccine should be administered in a timely manner.
- Ensure the full standard vaccine volume is administered for a single dose. Avoid dividing doses into smaller volumes. If less than a full recommended dose of a vaccine is administered because of syringe, applicator, or needle leakage, the dose should be repeated.

Reference

American Pharmacists Association. Minimizing COVID-19 Vaccine Dose Variability. [APhACovid-19MinimizingVaccineDose0121_web.pdf \(pharmacist.com\)](#). Accessed February 14, 2021