



The CDC "Vaccine Storage & Handling Toolkit" has been revised!

Notated Changes from June 2016 to January 2018

- p. 1 **Changed** the cover pictures. The upper left picture is of a [Cool Cube™ 50 at Fridge Temps](#). The qualified container & pack-out system is an older model showing how good it was even a few years ago. ***The CDC and the Vaccines For Children Program are not affiliated with VeriCor, LLC and they do not evaluate or endorse our products.
- p. 6 **Removed** the pencil icon () defined as "CDC recommendation". The "Best practice" icon () replaces most instances.
- p. 12 **Changed** "Reading" to "Checking".
- p. 15 **Added** "In addition to traditional refrigeration units, there are also purpose-built, autodispensing units without doors. Check with your state or local immunization program for additional recommendations and/or requirements."
- p. 16 **Changed** "Temperature Monitoring Equipment" to "Temperature Monitoring Devices (TMDs)".
- p. 17 **Changed** "Detachable probe in a thermal buffered material (e.g., glycol, glass beads, sand, Teflon®)" to "Detachable probe that best reflects vaccine temperatures (e.g., a probe buffered with glycol, glass beads, sand, or Teflon®)".
- p. 17 **Added** "to measure and record temperatures no less frequently than every 30 minutes".
- p. 21 **Moved** "If you are using a household combination..." from page 20 to 21.
- p. 25 **Moved** "Check unit doors..." moved from page 26 to 25.
- p. 25 **Removed** "CDC recommends on a twice daily basis:".
- p. 25 **Clarified** a concept with "Check and record storage unit minimum and maximum temperatures at the start of each workday. This is a requirement for VFC providers. The min/max temperatures recorded should be those obtained since the last workday when the min/max temperatures were reset. If your device does not display min/max temperatures, then check and record the current temperature a minimum of 2 times (at the start and end of the workday). This should be done even if there is a temperature alarm. A temperature monitoring log sheet should be placed on each storage unit door (or nearby), and the following information should be recorded:".



Notated Changes from June 2016 to January 2018 continued...

- p. 25 **Added** "Min/max temperature (current temperature if no min/max temperature)".
- p. 26 **Added** "Name or".
- p. 26 **Added** "Any actions taken if a temperature excursion occurred".
- p. 26 **Changed** "Out-of-range Temperatures" to "Temperature Excursions (Out-of-Range Temperatures)".
- p. 27 **Switched** around #4 & #5 (from the 2016 version)
- p. 27 **Changed** "What happened to affected vaccines" to "Final disposition of affected vaccines (e.g., shortened expiration date per manufacturer, discarded, or returned)".

- p. 36 **Added** "(at the start and end of the workday)".
- p. 41 **Added** "A backup battery power source can also be used in lieu of a generator. If your facility has a backup battery power source, it should be tested quarterly and serviced annually (check the manufacturer's guidance for testing procedures and maintenance schedules)."

- p. 44 **Changed** "Vaccine Transport Containers and Materials" to "Emergency Vaccine Transport Containers and Materials".
- p. 44 **Added** "Qualified containers and pack-outs"
- p. 46 **Changed** "retrieval and transport SOPs" to "storage and handling plans and SOPs".
- p. 47 **Changed** "Diluents that contain antigen (e.g., DTaP-IPV diluent used with Hib lyophilized vaccine and MenCWY diluent used with MenA lyophilized vaccine) should be transported with the corresponding vaccines at refrigerator temperature" to "Some diluents that contain antigen or an adjuvant must be refrigerated and should be transported with the corresponding lyophilized component."

- p. 52 **Removed** Table of Contents for this back section (was page 53 on the 2016 version).
- p. 52 **Added** "Digital Data Logger (DDL)" and the definition.
- p. 53 **Added** "Standard operating procedures (SOPs)" & definition.
- p. 62 **Added** "Handling a Temperature Excursion in Your Vaccine Storage Unit" chart/page.
- p. 64 **Added** Seqirus and Valneva manufacturer/distributor information.
- Throughout... **Changed** "Recommendations" to "Best Practice Guidelines".
- Throughout... **Changed** "varicella-containing vaccines" to "VAR, MMRV, and LZV vaccines".