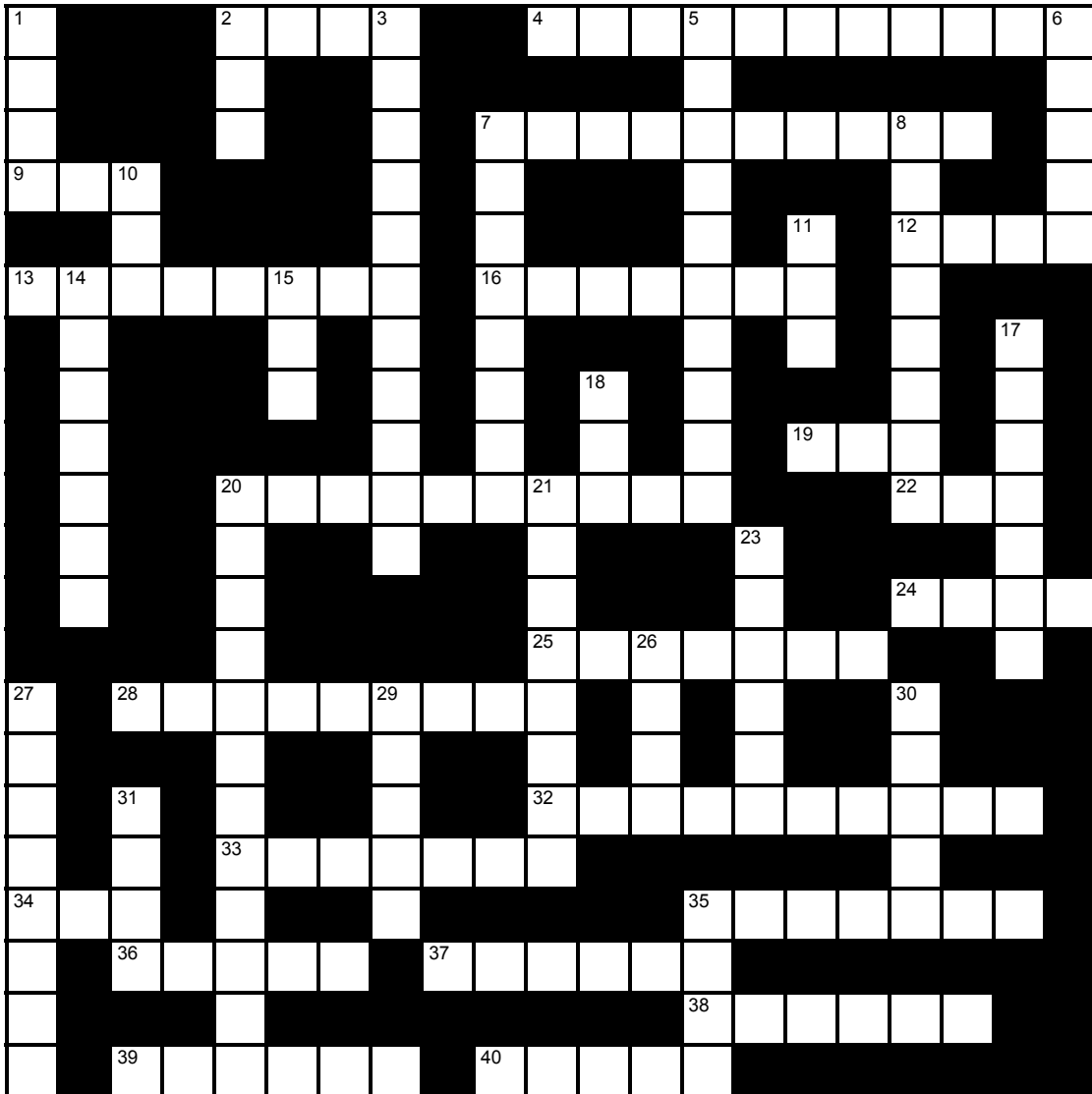


Cold Chain Management

January 2010

www.vaccines.mil



Across

- 2 Location in refrigerator where vaccines are never stored (4)
- 4 Vaccines are never stored in the refrigerator door due to frequent changes in (11)
- 7 A syringe that is pre-filled by manufacturer (10)
- 9 Publishes the Storage and Handling Toolkit, includes training, guidelines, resources (3)
- 12 Possible diluent storage temperature (4)
- 13 Multiple-use temperature monitor (8)
- 16 An approved refrigeration transport container (7)
- 19 Discard reconstituted yellow fever vaccine after, hour(s) (3)
- 20 The cold chain system is comprised three major elements; personnel, equipment (10)
- 22 Detailed written procedures for general and emergency vaccine management (3)
- 24 Item never stored in the vaccine refrigerator (4)
- 25 Strength of vaccine (7)
- 28 To adequately maintain the temperatures, empty space in the refrigerator is necessary for the cool air to do this (9)
- 32 Date when vaccine is no longer viable (10)
- 33 These vaccine oral capsules must be stored in the refrigerator (7)
- 34 This cervical cancer vaccine should be protected from light at all times (3)
- 35 Store it on the refrigerator door or at room temperature, but not in the freezer (7)
- 36 Vaccine storage, max temperature; Celsius (5)
- 37 Agency responsible for Anthrax, Smallpox, and Flu vaccine distribution; abbr. (6)
- 38 When opened ACAM2000 vials should be discarded, days (6)

Down

- 1 System that sends vaccine quality control messages to clinics (4)
- 2 Distribution Operations Center; abbr. (3)
- 3 Place new vaccine to back and old to front of refrigerator (11)
- 5 Gel packs; synonym (10)
- 6 Document USAMMA/DOC must receive before shipping replacement vaccine (5)
- 7 Vaccine cleared for use after possible temperature failure (8)
- 8 Do not prefill these until immediately before they are needed (8)
- 10 Cold Chain Management; abbr. (3)
- 11 Vaccines should never be placed directly on (3)
- 14 Written on vaccine in the event of refrigerator failure (7)
- 15 Regular temperature monitoring is essential for what type of vaccine (3)
- 17 Temperature tracking sheet (7)
- 18 This vaccine may be stored in the refrigerator or freezer (3)
- 20 Common reason for cold chain breaks (12)
- 21 Vials that must be included in anthrax vaccine reports (8)
- 23 Recommended storage location of vaccine in the refrigerator or freezer (6)
- 26 Temperature Sensitive Medical Product, abbr. (4)
- 27 Frozen gel packs are always placed at this point away from vaccine (8)
- 29 A sensitivity which may cause loss of potency (5)
- 30 Minimum frequency of daily temp checks (5)
- 31 Type of vaccines that are often frozen (4)
- 35 Open multidose vials should be labeled with this info (4)

- 39** This vaccine must be used within 30 minutes of reconstitution (6)
- 40** Min length of time Temperature logs should be kept; yrs (5)

