

Recommended Minimum Medication Storage Parameters *

(based on manufacturer package inserts)

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All internal and external products should be stored physically separate from one another, in a dry place, and away from direct heat or sunlight.

Internals include those medications intended for oral administration, injectables, oral inhalers and corresponding adaptive devices, ophthalmics,otics, and medications intended for instillation into an orifice.

Externals include transdermal patches and other medications applied to the skin.

Drug Brand Name (Generic)

Storage Requirements

Advair® Diskus (fluticasone/salmeterol)	Store at room temperature. Date the diskus when removed from the foil pouch and discard <u>one month</u> after removal from foil pouch or after all blisters have been used, whichever comes first.
Aranesp® (darbepoetin alfa)	Store in refrigerator. Contact manufacturer for details if found stored outside of refrigerator.
Ativan® Injection (lorazepam)	Store in refrigerator.
Bacteriostatic Normal Saline and Water for Injection	Date when opened and discard <u>30 days</u> after first use.
Byetta® (exenatide)	Store in refrigerator prior to use, protected from light. Store at room temperature while in use. The pen should be discarded <u>30 days</u> after first use. Do not use if product has been frozen.
Duoneb® (albuterol / ipratropium bromide solution for nebulization)	Store unused solution in foil at room temperature until use. Protect from light.
Foradil® Aerolizer™ (formoterol fumarate)	Capsules should always be stored in the blister pack, and only removed IMMEDIATELY before use. Capsules should be discarded by the product expiration date or 120 days from the date of dispensing, whichever comes first.
Forteo® (teriparatide)	Store in refrigerator. Date when opened and discard <u>28 days</u> after opening.
Fortical® (calcitonin-salmon)	Store in refrigerator prior to use. Date when opened and then store at room temperature in an upright position. Discard <u>30 days</u> after opening.
Insulin Pens	Refer to individual manufacturer's recommendations.
Insulin Products (All vials)	Based on American Diabetes Association guidelines, all unopened insulins are recommended to be stored in the refrigerator. All vials should be dated when opened and discarded <u>28 days</u> after opening [except for Levemir® (insulin detemir) which can be used up to <u>42 days</u> after opening].
Irrigation Solutions (sterile acetic acid, sterile water, sterile sodium chloride)	Date and time when opened and discard <u>24 hours</u> after opening.
Lasix® Oral Solution (furosemide)	Date when opened and discard unused portion after <u>60 days</u> .
Liquids in Original Bottles	Date when opened. Refer to manufacturer's recommendations.
Lorazepam Intensol Solution	Store in refrigerator. Date when opened and discard <u>90 days</u> after opening.
Miacalcin® Nasal Spray (calcitonin-salmon)	Refrigerate until ready to use. Date when opened and store at room temperature in an upright position. Discard unused portion after <u>30 doses</u> administered or 35 days, whichever comes first.
Morphine Conc. Oral Solution	Date when opened and discard unused portion after <u>90 days</u> .
Mucomyst® Solution, Acetadote®, Mucosil® (acetylcysteine)	Store in refrigerator when opened. Date when opened and discard unused portion after <u>96 hours</u> .
Multiple-Dose Vials for Injection (non-insulin)	Date when opened and discard unused portion after <u>30 days</u> .

Drug Brand Name (Generic)	Storage Requirements
Nasal Preparations	Refer to manufacturer's recommendations.
Neosporin® GU Bladder Irrigation	Store in refrigerator. Date when opened/prepared and discard <u>48 hours</u> after opening.
Nitroglycerin Sublingual Tablets	Store at room temperature in the original bottle. Keep tightly closed to prevent exposure to air, heat or moisture. Discard unused medication after product expiration date.
Ophthalmic Preparations (not specifically mentioned elsewhere)	Date when opened. Refer to manufacturer's recommendations.
Otic Preparations	Date when opened. Refer to manufacturer's recommendations.
Oxydose® Oral Conc. Solution (oxycodone)	Date when opened and discard unused portion after <u>90 days</u> .
Phospholine iodide® (echothiophate)	Date when opened and discard unused portion after <u>28 days</u> .
Procrit® (epoetin alfa)	Store in refrigerator. Date when opened and discard any multi-dose vial <u>21 days</u> after opening.
Risperdal® CONSTA (risperidone)	Protect from light. If stored in the refrigerator this product is good until the manufacturer's expiration date. If refrigeration is not possible, this product may be stored at temperatures not exceeding 77°F (25°C) for no more than <u>7 days</u> prior to administration.
Serevent® Diskus (salmeterol)	Store at room temperature. Date when removed from the foil pouch and discard the device (diskus) <u>6 weeks</u> after removal from foil pouch or after all blisters have been used, whichever comes first.
Symlin® (pramlintide)	Store unopened vials in refrigerator. Opened vials in use (punctured) can be kept in refrigerator or at room temperature less than 77°F (25°C). Discard all opened (punctured) vials after <u>28 days</u> .
Travatan® and Travatan Z® Ophthalmic Solution (travoprost)	Store at room temperature not exceeding 77°F (25°C). Discard unused medication after product expiration date.
Tubersol®, Aplisol® (tuberculin test)	Refrigerate until ready to use. Date when opened and discard unused portion after <u>30 days</u> .
Xalatan® Ophthalmic Solution (latanoprost)	Refrigerate until ready to use. Date when opened and store at room temperature, protected from light. Discard unused portion <u>6 weeks</u> after opening.
Xopenex® Inhalation Solution (levalbuterol HCl)	Unused vials should be stored in the protective foil pouch. Date once the foil pouch is opened and discard unused portion <u>2 weeks</u> after opening the foil pouch. Vials removed from the pouch should be protected from light and used within <u>1 week</u> .
Zostavax® (Zoster vaccine live)	Store unopened vials frozen at an average temperature of 5°F (-15°C) or colder and protected from light until it is reconstituted. The diluent should be stored separately at room temperature 68-77°F (20-25°C), or in the refrigerator 36-46°F (2-8°C). Discard reconstituted vaccine if it is not injected within <u>30 minutes</u> . Do not freeze reconstituted vaccine.

* Unless otherwise noted above or facility policy is more stringent, all unopened, multi-dose containers will be considered to be expired on the date on the actual container as indicated by the manufacturer unless there is suspected or obvious product contamination. Opened vials that have a manufacturer's expiration date sooner than guidance provided above will be considered expired on the manufacturer's expiration date.

- According to the United States Pharmacopeia (USP), expiration dates expressed in the terms of only the month and year can be used until the last day of the stated month and year unless otherwise specified (i.e. an expressed expiration date of 6/2010 should be interpreted as June 30, 2010)