

Medication Storage: Abridged Guidance for Select Medications

Non-Insulin Injectable Medications

Drug Name (Generic)	Storage Recommendations
Injectable Products (in general)	Store per manufacturer recommendations (temperature, light conditions, position, original carton, BUD, etc.), unless more stringent and applicable law, regulation, or policy supersedes. If injectable product is a MDV, record the date first accessed and discard unused portions after 28 days or in accordance with manufacturer's recommendations. If temperature excursions occur, contact manufacturer directly for stability information.
Aranesp Injection (darbepoetin alfa)	Store in the refrigerator at 36° to 46°F (2° to 8°C). Protect from light. Do not freeze or shake. Discard unused portion. Throw away the Aranesp vial or prefilled syringe after one use.
Ativan Injection (lorazepam)	Store in the refrigerator at 36° to 46°F (2° to 8°C). Protect from light.
Bacteriostatic Normal Saline or Water for Injection MDV	Store at 68° to 77°F (20° to 25°C). Date when opened and discard after 28 days.
Copaxone Injection; Glatopa Injection (glatiramer acetate)	Store in the refrigerator at 36° to 46°F (2° to 8°C). If needed, this product may be stored at room temperature at 59° to 86°F (15° to 30°C) for up to 1 month, but refrigeration is preferred. Protect from light. Do not freeze (discard if frozen).
Epogen Injection (epoetin alfa) Procrit Injection (epoetin alfa) Retacrit (epoetin alfa-epbx)	Store in the refrigerator at 36° to 46°F (2° to 8°C). Single use vials should only be used one time (discard any remainder). For multi-dose vials, date when opened, and discard 21 days after initial entry. Protect from light. Do not freeze or shake.
Extavia Injection (Interferon beta-1b)	Before mixing, store EXTAVIA at room temperature between 68°F to 77°F (20°C to 25°C). Before mixing, EXTAVIA may be stored for up to 3 months between 59°F and 86°F (15°C and 30°C). After mixing, you can refrigerate EXTAVIA for up to 3 hours before using. Your EXTAVIA must be used within 3 hours of mixing even if refrigerated. Do not freeze.
Forteo Injection (teriparatide)	Store in the refrigerator at 36° to 46°F (2° to 8°C) until ready to use. Use right away when removed from refrigerator. Date when opened and discard after 28 days after first use. Recap when not in use. Do not freeze. Protect from light (e.g., recap the delivery device when not in use).
GlucaGen Injection / Hypokit (glucagon hydrochloride)	The GlucaGen package may be stored up to 24 months at controlled room temperature 20° to 25°C (68° to 77°F) prior to reconstitution. Do not freeze. Keep in the original package to protect from light. After reconstitution, use the reconstituted GlucaGen solution immediately. Discard any unused portion.

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Influenza Vaccine	Due to multiple dosage forms, presentations, and manufacturers, always follow unique storage requirements provided by specific product manufacturer. Generally, influenza vaccines may be stored in the refrigerator at 36° to 46°F (2° to 8°C). Do not freeze. Protect from light. Opened multi-dose vials should be discarded by the expiration date printed on the package unless visibly contaminated. Multidose vials of certain manufacturers (e.g., Afluria Quadrivalent or FluLaval Quadrivalent) should be discarded regardless 28 days after first use.
Pneumovax 23 Injection (pneumococcal vaccine polyvalent)	Store in the refrigerator at 36° to 46°F (2° to 8°C). Do not freeze. Protect from light. Discard after manufacturer's expiration date.
Prevnar 13 Injection (pneumococcal 13-valent conjugate vaccine)	Store in the refrigerator at 36° to 46°F (2° to 8°C). Do not freeze. Discard after manufacturer's expiration date. Discard after 4 days if left outside of the refrigerator at temperatures up to 77°F (25°C) *These data are not recommendations for shipping or storage, but may guide decisions for use in case of temporary temperature excursions.*
Vaxneuvance 15 Injection (pneumococcal 15-valent conjugate vaccine)	Store refrigerated at 2°C to 8°C (36°F to 46°F). Do not freeze. Protect from light. Discard after manufacturer's expiration date.
Prevnar 20 Injection (pneumococcal 20-valent conjugate vaccine)	After shipping, Prevnar 20 may arrive at temperatures between 2°C to 25°C (36°F to 77°F). Upon receipt, store refrigerated at 2°C to 8°C (36°F to 46°F). Syringes should be stored in the refrigerator horizontally to minimize the resuspension time. Do not freeze. Discard if the vaccine has been frozen. Prevnar 20 should be administered as soon as possible after being removed from refrigeration. Prevnar 20 can be administered provided total (cumulative multiple excursions) time out of refrigeration (at temperatures between 8°C and 25°C) does not exceed 96 hours. Cumulative multiple excursions between 0°C and 2°C are also permitted as long as the total time between 0°C and 2°C does not exceed 72 hours. These are not, however, recommendations for storage.
Prolia Injection (denosumab)	Store in a refrigerator at 36°F to 46°F (2°C to 8°C) in the original carton. Do not freeze. When removed from the refrigerator, keep at room temperature [up to 77°F (25°C)] in the original carton and use within 14 days. Do not keep Prolia at temperatures above 77°F (25°C). Warm temperatures will affect how Prolia works. Do not shake. Keep in the original carton to protect from light.
Risperdal Consta Injection (risperidone)	Store in the refrigerator at 36° to 46°F (2° to 8°C), If refrigeration is not possible, store at temperatures not exceeding 77°F (25°C) for no more than 7 days. Do not expose unrefrigerated product to temperatures above 77°F (25°C). Do not store suspension after reconstitution. Administer dose as soon as possible after reconstitution to avoid settling. Protect from light.
Shingrix Injection (Zoster vaccine recombinant, adjuvanted)	Adjuvant suspension component vials: Store refrigerated between 2° and 8°C (36° and 46°F). Protect vials from light. Do not freeze. Discard if the adjuvant suspension has been frozen. Lyophilized gE antigen component vials: Store refrigerated between 2° and 8°C (36° and 46°F). Protect vials from light. Do not freeze. Discard if the antigen component has been frozen. Storage after Reconstitution: Administer immediately or store refrigerated between 2° and 8°C (36° and 46°F) for up to 6 hours prior to use. Discard reconstituted vaccine if not used within 6 hours. Do not freeze. Discard if the vaccine has been frozen.

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Soliqua Injection (insulin glargine/lixisenatide)	Store pen in the refrigerator at 36°F to 46°F (2°C to 8°C). Protect the pen from light. After first use, store pen at room temperature no higher than 77°F (25°C). Do not freeze and do not use if ever frozen. Replace the pen cap after each use to protect from light. After first use, use pen for up to 28 days. Throw away the used pen after 28 days, even if there is some medicine left in the pen. Do not use past the expiration date printed on the carton and pen label. Do not store the pen with the needle attached. If the needle is left on, this might lead to contamination and cause air bubbles which might affect your dose of medicine.
Trulicity Injection (dulaglutide)	Store in the refrigerator at 36°F to 46°F (2°C to 8°C). If needed, each single-dose pen can be kept at room temperature, not to exceed 86°F (30°C) for a total of 14 days. Do not freeze and do not use if it has been frozen. Protect from light. Storage of TRULICITY in the original carton is recommended until time of administration.
Tymlos Injection (abaloparatide)	Before first use, store under refrigeration between 2°C to 8°C (36°F to 46°F). After first use, store for up to 30 days at 20°C to 25°C (68°F to 77°F). Do not freeze or subject to heat.
Tuberculin Tests: Aplisol Injection; Tubersol Injection	This product should be stored between 2° and 8°C (36° and 46°F) and protected from light. Vials in use more than 30 days should be discarded due to possible oxidation and degradation which may affect potency.
Victoza Injection (liraglutide [rDNA origin])	Prior to first use, store in a refrigerator between 36°F to 46°F (2°C to 8°C). Do not store in the freezer or directly adjacent to the refrigerator cooling element. Do not freeze and do not use if it has been frozen. After first use, the pen can be stored for 30 days at controlled room temperature (59°F to 86°F; 15°C to 30°C) or in a refrigerator (36°F to 46°F; 2°C to 8°C). Keep the pen cap on when not in use. Protect from excessive heat and sunlight. Always remove and safely discard the needle after each injection and store the pen without an injection needle attached. Always use a new needle for each injection to prevent contamination.
Xultophy Injection (insulin degludec/liraglutide)	Prior to first use, store between 2°C and 8°C (36°F to 46°F) until the expiration date printed on the label. Store prefilled pens in the carton so they will stay clean and protected from light. Do not store in the freezer or directly adjacent to the refrigerator cooling element. Do not freeze. Do not use if it has been frozen. After first use, the pen can be stored for 21 days at controlled room temperature (59°F to 86°F; 15°C to 30°C) or in a refrigerator (36°F to 46°F; 2°C to 8°C). Keep all pens away from direct heat and light. Always remove the needle after each injection and store the XULTOPHY 100/3.6 pen without a needle attached. Always use a new needle for each injection to prevent contamination.

Information sourced from included products' Prescribing Information (accessed per DailyMed at <https://dailymed.nlm.nih.gov/>).

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For reference only;
not to substitute for clinical
expertise of practicing HCPs.