

Storage and Expiry of Insulins

All insulin should be stored out of sight and reach of children.

It is recommended that the date of the first use be noted on the label.

Insulin should not be used after the expiry. Discard any unused insulin on the expiry date even if some of the solution remains.

When insulin is refrigerated; keep it away from the cooling element.

<i>Insulin Brand Name</i>	<i>Electronic medicines compendium link to SmPC and Patient Leaflet</i>	<i>Special Storage Requirements</i>	<i>Unopened insulin</i>	<i>Expiry for insulin after first use:</i>
Abasaglar® Kwikpen® Insulin Glargine 3ml prefilled pen 5 prefilled injections	https://www.medicines.org.uk/emc/product/6901	Do not freeze. Do not store ABASAGLAR next to the freezer compartment or a freezer pack. Keep the cartridge in the outer carton to protect from light. Keep away from direct heat or direct light. Pens in use must not be stored in the refrigerator. The pen cap must be put back on the pen after each injection in order to protect from light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Abasaglar® Insulin Glargine 3ml cartridges 5 cartridges	https://www.medicines.org.uk/emc/product/8190/smpc	Do not freeze. Do not store ABASAGLAR next to the freezer compartment or a freezer pack. Keep the cartridge in the outer carton in order to protect from light. Keep away from direct heat or direct light. Pens in use must not be stored in the refrigerator. The pen cap must be put back on the pen after each injection in order to protect from light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Actrapid® Human Insulin 10ml vial For Insulin Pumps & Hospital Use Only All vials are single patient use.	https://www.medicines.org.uk/emc/medicine/3513/SPC/Actrapid+100+IU+ml,+Solution+for+injection+in+a+vial/	Do not freeze. Keep the vial in the outer carton in order to protect from light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	42 days (6 weeks) below 25°C
Apidra® Insulin Glulisine 10ml vial For Insulin Pumps & Hospital Use Only All vials are single patient use.	https://www.medicines.org.uk/emc/product/2499/pil	Do not freeze. Do not put Apidra next to the freezer compartment or a freezer pack. Keep the vial in the outer carton in order to protect from light. Keep away from direct heat or direct light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 25°C

<p>Apidra® Insulin Glulisine 3ml cartridge</p>	<p>https://www.medicines.org.uk/emc/product/2499/pil</p>	<p>Do not freeze. Do not put Apidra next to the freezer compartment or a freezer pack. Keep the vial in the outer carton in order to protect from light. Keep away from direct heat or direct light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Apidra® Solostar ® Insulin Glulisine 3ml disposable devices x 5</p>	<p>https://www.medicines.org.uk/emc/product/8095/smpc</p>	<p>Do not freeze. Do not put Apidra next to the freezer compartment or a freezer pack. Keep the vial in the outer carton in order to protect from light. Keep away from direct heat or direct light. Pre-filled pens in use (or carried as a spare) may be stored for a maximum of 4 weeks below 25 °C. Keep away from direct heat or direct light. The pen in use must not be stored in a refrigerator.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Fiasp® Insulin Aspart 10ml vial For Insulin Pumps & Hospital Use Only All vials are single patient use. <i>Consultant initiation only</i></p>	<p>https://www.medicines.org.uk/emc/product/8109</p>	<p>Do not freeze. Keep away from the freezing element. Keep the vial in the outer carton to protect from light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Fiasp® Penfill® Insulin Aspart 3ml cartridges 5 cartridges <i>Consultant initiation only</i></p>	<p>https://www.medicines.org.uk/emc/product/8108</p>	<p>Do not freeze. Keep away from the freezing element. If cartridge is carried as a spare and unused, the cartridge should be kept in the outer carton in order to protect from light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Fiasp® FlexTouch® Insulin Aspart 3ml prefilled pens x 5 <i>Consultant initiation only</i></p>	<p>https://www.medicines.org.uk/emc/product/2447</p>	<p>Do not freeze. Keep away from the freezing element. Keep the cap on the pen in order to protect from light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Humalog® Mix 25™ Biphasic Insulin Lispro 25% Lispro 75% Lispro Protamine 10ml vial For Hospital Use Only All vials are single patient use.</p>	<p>https://www.medicines.org.uk/emc/product/3829</p>	<p>Do not freeze. Do not put it near heat or in the sun.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Humalog® Mix 25™ Biphasic Insulin Lispro 25% Lispro 75% Lispro Protamine 3ml cartridges 5 cartridges</p>	<p>https://www.medicines.org.uk/emc/product/7476</p>	<p>Do not freeze. Do not put it near heat or in the sun. Do not keep your pen or the cartridges you are using in the fridge. The pen with the inserted cartridge should not be stored with the needle attached</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Humalog® Mix 25™ KwikPen™</p>	<p>https://www.medicines.org.uk/emc/product/7475</p>	<p>Do not freeze. Do not put it near heat or in the sun. Do not keep the KwikPen that you are</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C.</p>	<p>28 days (4 weeks) below 30°C</p>

Biphasic Insulin Lispro 25% Lispro 75% Lispro Protamine 3ml prefilled pen 5 prefilled injections		using in the fridge. The KwikPen should not be stored with the needle attached.	Expiry as stated on the pack.	
Humalog® Mix 50™ Biphasic Insulin Lispro 50% Lispro 50% Lispro Protamine 3ml cartridges 5 cartridges	https://www.medicines.org.uk/emc/product/7474	Do not freeze. Do not expose to excessive heat or direct sunlight. After cartridge insertion; do not refrigerate. The pen with the inserted cartridge should not be stored with the needle attached.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humalog® Mix 50™ KwikPen™ Biphasic Insulin Lispro 50% Lispro 50% Lispro Protamine 3ml disposable pens 5 injections	https://www.medicines.org.uk/emc/product/7473	Do not freeze. Do not put it near heat or in the sun. Do not keep the KwikPen that you are using in the fridge. The KwikPen should not be stored with the needle attached. Keep your Humalog Mix50 KwikPen in use at room temperature (15° - 30° C) and discard after 28 days.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humulin® I Human Isophane Insulin 10ml vial For Hospital Use Only All vials are single patient use.	https://www.medicines.org.uk/emc/product/8196	Do not freeze. You can keep your 'in use' vial at room temperature (below 30°C) for up to 28 days. Do not put it near heat or in the sun.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humulin® I Human Isophane Insulin 3ml cartridges 5 cartridges	https://www.medicines.org.uk/emc/product/8195	Do not freeze. Keep your 'in use' pen and cartridge at room temperature (below 30°C) for up to 28 days. Do not keep your 'in use' pen or cartridges in the fridge. Do not put them near heat or in the sun. The pen with the inserted cartridge should not be stored with the needle attached.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humulin® I KwikPen™ Human Isophane Insulin 3ml prefilled pen 5 prefilled disposable injections	https://www.medicines.org.uk/emc/product/8194	Do not freeze. Keep your 'in use' Humulin I KwikPen at room temperature (below 30°C) for up to 28 days. Do not keep your 'in use' pen in the fridge. Do not put it near heat or in the sun. The pre-filled pen should not be stored with the needle attached.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humulin® M3 Human Biphasic Isophane Insulin 30% soluble insulin/ 70% isophane insulin 10ml vial For Hospital Use Only All vials are single patient use.	https://www.medicines.org.uk/emc/product/8193	Do not freeze. You can keep your 'in use' vial at room temperature (below 30°C) for up to 28 days. Do not put it near heat or in the sun.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humulin® M3 Human Biphasic Isophane Insulin 30% soluble insulin/ 70% isophane insulin	https://www.medicines.org.uk/emc/product/8192	Do not freeze. Keep your 'in use' pen and cartridge at room temperature (below 30°C) for up to 28 days. Do not keep your 'in use' pen or cartridges	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C

3ml cartridges 5 cartridges		in the fridge. Do not put them near heat or in the sun.		
Humulin M3® KwikPen™ Human Biphasic Isophane Insulin 30% soluble insulin/ 70% isophane insulin 3ml prefilled pen 5 prefilled disposable injections	https://www.medicines.org.uk/emc/product/8191/pil	Do not freeze. Keep your 'in use' Humulin M3 KwikPen at room temperature (below 30°C) for up to 28 days. Do not keep your 'in use' pen in the fridge. Do not put it near heat or in the sun.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Humulin® S 3ml cartridge 5 cartridges	https://www.medicines.org.uk/emc/product/8192/smpc	Do not freeze. Keep your 'in use' pen and cartridge at room temperature (below 30°C) for up to 28 days. Do not keep your 'in use' pen or cartridges in the fridge. Do not put them near heat or in the sun.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 30°C
Insulatard® Human Isophane Insulin 10ml vial For Hospital Use Only All vials are single patient use.	https://www.medicines.org.uk/emc/product/3848	Do not freeze. During use or when carried as a spare: Do not refrigerate or freeze. You can carry it with you and keep it at room temperature (below 25°C) for up to 6 weeks.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	42 days (6 weeks) below 25°C.
Insulatard® Penfill® Human Isophane Insulin 3ml cartridges 5 cartridges	https://www.medicines.org.uk/emc/product/7886	Do not freeze. During use or when carried as a spare: Do not refrigerate or freeze. You can carry it with you and keep it at room temperature (below 30°C) for up to 6 weeks. Always keep the cartridge in the outer carton when you are not using it, in order to protect from light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	42 days (6 weeks) below 30°C.
Insulatard® Innolet® Human Isophane Insulin 3ml prefilled pen 5 prefilled injections Specialist Use	https://www.medicines.org.uk/emc/product/7883	Do not freeze. During use or when carried as a spare: Do not refrigerate or freeze. You can carry it with you and keep it at room temperature (below 30°C) for up to 6 weeks. Always keep the pen cap on your InnoLet® when you are not using it, in order to protect from light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	42 days (6 weeks) below 30°C.
Insuman® Basal Human Isophane Protamine Insulin 5ml vials For Insulin Pumps & Hospital Use Only All vials are single patient use.	https://www.medicines.org.uk/emc/product/4103	Do not freeze. Do not put Insuman Basal next to the freezer compartment or a freezer pack. Do not put Insuman Basal next to the freezer compartment or a freezer pack. Keep the vial in the outer carton in order to protect from light. Keep away from direct heat or direct light.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 25°C
Insuman® Basal Human Isophane Protamine Insulin 3ml cartridges 5 cartridges	https://www.medicines.org.uk/emc/product/4099	Do not freeze. Do not put Insuman Basal next to the freezer compartment or a freezer pack. Do not put Insuman Basal next to the freezer compartment or a freezer pack. Keep the vial in the outer carton in order to protect from light. Keep away from direct heat or direct light	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	28 days (4 weeks) below 25°C

<p>Insuman® Basal Solostar® Human Isophane Protamine Insulin 3ml prefilled pen 5 prefilled injections</p>	<p>https://www.medicines.org.uk/emc/product/4104</p>	<p>Do not freeze. Do not put Insuman Basal next to the freezer compartment or a freezer pack. Do not put Insuman Basal next to the freezer compartment or a freezer pack. Keep the vial in the outer carton in order to protect from light. Keep away from direct heat or direct light. The pen containing a cartridge or pens in-use must not be stored in the refrigerator.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Insuman® Comb 15 Human biphasic isophane insulin 15% Insulin / 85% Protamine Insulin 3ml cartridges 5 cartridges</p>	<p>https://www.medicines.org.uk/emc/product/4101</p>	<p>Do not freeze. Do not put Insuman Comb 15 next to the freezer compartment or a freezer pack. Keep the cartridge in the outer carton in order to protect from light. Keep away from direct heat (for example next to a heating unit) or direct light (direct sunlight or next to a lamp). The cartridge in-use must not be stored in a refrigerator.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Insuman® Comb 25 Human biphasic isophane insulin 25% Insulin / 75% Protamine Insulin 5ml vial For Insulin Pumps & Hospital Use Only All vials are single patient use.</p>	<p>https://www.medicines.org.uk/emc/product/4100</p>	<p>Do not freeze. Do not put Insuman Comb 25 next to the freezer compartment or a freezer pack. Keep the vial, cartridge or pre-filled pen in the outer carton in order to protect from light. Keep away from direct heat or direct light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Insuman® Comb 25 Human biphasic isophane insulin 25% Insulin / 75% Protamine Insulin 3ml cartridges 5 cartridges</p>	<p>https://www.medicines.org.uk/emc/product/4102</p>	<p>Do not freeze. Do not put Insuman Comb 25 next to the freezer compartment or a freezer pack. Keep the cartridge in the outer carton in order to protect from light. Keep away from direct heat (for example next to a heating unit) or direct light (direct sunlight or next to a lamp). The cartridge in-use must not be stored in a refrigerator.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Insuman® Comb 25 Solostar® Human biphasic isophane insulin 25% Insulin / 75% Protamine Insulin 3ml cartridges 5 cartridges</p>	<p>https://www.medicines.org.uk/emc/product/4105</p>	<p>Do not freeze. Do not put the pre-filled pen next to the freezer compartment or a freezer pack. Keep the pre-filled pen in the outer carton in order to protect from light. Keep away from direct heat (for example next to a heating unit) or direct light (direct sunlight or next to a lamp). The pen in-use must not be stored in a refrigerator.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>
<p>Insuman® Comb 50 Human biphasic isophane insulin 50% Insulin /</p>	<p>https://www.medicines.org.uk/emc/product/4107</p>	<p>Do not freeze. Do not put Insuman Comb 50 next to the freezer compartment or a freezer pack. Keep the cartridge in the outer carton in</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 25°C</p>

<p>50% Protamine Insulin 3ml cartridges 5 cartridges</p>		<p>order to protect from light. The cartridge in-use must not be stored in a refrigerator. Keep away from direct heat (for example next to a heating unit) or direct light (direct sunlight or next to a lamp).</p>		
<p>Lantus® Insulin Glargine 10ml vial For Hospital Use Only All vials are single patient use. Abasaglar is first line, Lantus is for those stabilised on it.</p>	<p>https://www.medicines.org.uk/emc/product/8097</p>	<p>Do not freeze or place next to the freezer or freezer pack. Keep away from direct heat or direct light. Keep the vial in the outer carton in order to protect from light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Lantus® Insulin Glargine 3ml cartridge Abasaglar is first line, Lantus is for those stabilised on it.</p>	<p>https://www.medicines.org.uk/emc/product/8097</p>	<p>Do not freeze or place next to the freezer or freezer pack. Keep away from direct heat or direct light. Keep the cartridge in the outer carton in order to protect from light. The pen cap must be put back on the pen after each injection in order to protect from light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Lantus® Solostar® Insulin Glargine 3ml prefilled Solostar pen 5 cartridges Abasaglar is first line, Lantus is for those stabilised on it.</p>	<p>https://www.medicines.org.uk/emc/product/8098</p>	<p>Do not freeze or place next to the freezer or freezer pack. Keep away from direct heat or direct light. Keep the SoloStar pre-filled pen in the outer carton in order to protect from light. The pen in use must not be stored in the refrigerator. The pen cap must be put back on the pen after each injection in order to protect from light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Levemir® Penfill® Insulin Determir 3ml cartridge 5 cartridges Specialist diabetology use only.</p>	<p>https://www.medicines.org.uk/emc/product/7889</p>	<p>Do not freeze. Levemir® must be protected from excessive heat and light. Always keep the cartridge in the outer carton when you are not using it in order to protect it from light. During use or when carried as a spare: Levemir® Penfill® that is being used or carried as a spare should not be kept in the refrigerator.</p>	<p>Levemir® Penfill® that is not being used is to be stored in the refrigerator at 2°C to 8°C, away from the cooling element. Expiry as stated on the pack</p>	<p>42 days (6 weeks) below 30°C</p>
<p>Levemir® Flexpen® Insulin Determir Flexpen Disposable pens 3ml prefilled pens x 5 Specialist diabetology use only.</p>	<p>https://www.medicines.org.uk/emc/product/5536</p>	<p>Do not freeze. Levemir® must be protected from excessive heat and light. Always keep the pen cap on your FlexPen® when you are not using it in order to protect it from light. Levemir® must be protected from excessive heat and light. During use or when carried as a spare: You can carry your Levemir® FlexPen® with you and keep it at a temperature below 30°C or in a refrigerator (2°C to 8°C) for up to 6 weeks.</p>	<p>Levemir® FlexPen® that is not being used is to be stored in the refrigerator at 2°C to 8°C, away from the cooling element. Expiry as stated on the pack.</p>	<p>42 days (6 weeks) below 30°C</p>

<p>Levemir® InnoLet® Device Insulin Determir 3ml prefilled pens x 5 Specialist diabetology use only.</p>	<p>https://www.medicines.org.uk/emc/product/7890/pil</p>	<p>Do not freeze. Always keep the pen cap on your InnoLet® when you are not using it in order to protect it from light. Levemir® must be protected from excessive heat and light. Levemir® must be protected from excessive heat and light.</p>	<p>Levemir® InnoLet® that is not being used is to be stored in the refrigerator at 2°C to 8°C, away from the cooling element. Expiry as stated on the pack.</p>	<p>42 days (6 weeks) below 30°C</p>
<p>NovoRapid® Insulin Aspart 10ml vial For Insulin Pumps & Hospital Use Only All vials are single patient use</p>	<p>https://www.medicines.org.uk/emc/product/7919</p>	<p>Do not freeze. Keep the vial/cartridge in the outer carton in order to protect from light.</p>	<p>Store in a refrigerator (2°C - 8°C).</p>	<p>28 days (4 weeks) below 30°C</p>
<p>NovoRapid® Penfill® Insulin Aspart 3ml cartridges 5 cartridges</p>	<p>https://www.medicines.org.uk/emc/product/4779/smpc</p>	<p>Do not freeze. Always keep the cartridge in the outer carton when you are not using it in order to protect it from light. NovoRapid® must be protected from excessive heat and light. During use or when carried as a spare: NovoRapid® Penfill® that is being used or carried as a spare is not to be kept in the refrigerator. You can carry it with you and keep it at room temperature (below 30°C) for up to 4 weeks.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>NovoRapid® Flextouch® Insulin Aspart 3ml prefilled pens x 5</p>	<p>https://www.medicines.org.uk/emc/product/7921</p>	<p>Do not freeze. Always keep the pen cap on your FlexTouch® when you are not using it in order to protect it from light. NovoRapid® must be protected from excessive heat and light. You can carry your NovoRapid® FlexTouch® with you and keep it at a temperature below 30°C or in a refrigerator (2°C to 8°C) for up to 4 weeks.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C away from the cooling element. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>NovoRapid® Flexpen® Insulin Aspart 3ml pre filled pens x 5</p>	<p>https://www.medicines.org.uk/emc/product/7920</p>	<p>Do not freeze. Always keep the pen cap on your FlexPen® when you are not using it in order to protect it from light. NovoRapid® must be protected from excessive heat and light.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C away from the cooling element. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Novomix® 30 Penfill® Biphasic Insulin Aspart 3ml cartridges</p>	<p>https://www.medicines.org.uk/emc/product/7915</p>	<p>Do not freeze. Keep the cartridge in the outer carton in order to protect it from light. NovoMix® 30 Penfill® that is being used or carried as a spare should not be kept in the refrigerator. You can carry it with you and keep it at room temperature (below 30°C) for up to 4 weeks.</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C away from the cooling element. Expiry as stated on the pack.</p>	<p>28 days (4 weeks) below 30°C</p>
<p>Novomix® 30 Flexpen® Biphasic Insulin Aspart</p>	<p>https://www.medicines.org.uk/emc/product/1600</p>	<p>Do not freeze. Always keep the pen cap on your FlexPen® when you are not using it, in order to protect</p>	<p>Before the first use store your insulin in refrigerator at 2°C– 8°C away from the</p>	<p>28 days (4 weeks) below 30°C</p>

3ml disposable pens		it from light. NovoMix® 30 must be protected from excessive heat and light. NovoMix® 30 FlexPen® that is being used or carried as a spare should not be kept in the refrigerator. You can carry it with you and keep it at room temperature (below 30°C) for up to 4 weeks.	cooling element. Expiry as stated on the pack.	
Tresiba Penfill® Insulin Degludec 100 units CAUTION: Available in 2 strengths <i>Consultant initiation only in diabetes and paediatrics</i>	https://www.medicines.org.uk/emc/product/2944	Do not freeze. Keep away from the freezing element. Always keep Tresiba® Penfill® in the outer carton when you are not using it in order to protect it from light. You can carry your Tresiba® cartridge (Penfill®) with you and keep it at room temperature (not above 30°C) for up to 8 weeks.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack	56 days (8 weeks) below 30°C
Tresiba® Flextouch® Insulin Degludec 100 units CAUTION: Available in 2 strengths <i>Consultant initiation only in diabetes and paediatrics</i>	https://www.medicines.org.uk/emc/product/7936	Do not freeze. Keep away from the freezing element. Keep the cap on the pen in order to protect it from light. You can carry your Tresiba® pre-filled pen (FlexTouch®) with you and keep it at room temperature (not above 30°C) or in a refrigerator (2°C to 8°C) for up to 8 weeks.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack.	56 days (8 weeks) below 30°C
Tresiba Flextouch® Insulin Degludec 200 units CAUTION: Available in 2 strengths <i>Consultant initiation only in diabetes and paediatrics</i>	https://www.medicines.org.uk/emc/product/7938	Do not freeze.Keep away from the freezing element. Keep the cap on the pen in order to protect it from light.You can carry your Tresiba® pre-filled pen (FlexTouch®) with you and keep it at room temperature (not above 30°C) or in a refrigerator (2°C to 8°C) for up to 8 weeks.	Before the first use store your insulin in refrigerator at 2°C– 8°C. Expiry as stated on the pack	56 days (8 weeks) below 30°C

April 2018

NPSA ALERT:

Risk of severe harm and death due to withdrawing insulin from pen devices

<https://improvement.nhs.uk/news-alerts/risk-severe-harm-and-death-withdrawing-insulin-pen-devices/>