



**Wolverine, GLOW,
& KLOW**

Wolverine, GLOW, & KLOW Injections

PATIENT GUIDE

This guide covers what Wolverine, GLOW, and KLOW are, what to expect, and when to reach out to your clinical team.

What Are Wolverine, GLOW, & KLOW?

Wolverine, GLOW, and KLOW are three related compounded formulations built on a common base, with each adding one more peptide to the one before it:

- Wolverine = BPC-157 + TB-500
- GLOW = Wolverine + GHK-Cu
- KLOW = GLOW + KPV

BPC-157 and TB-500 may support tissue repair and reduce inflammation throughout the body. GLOW adds GHK-Cu, which may support collagen and connective tissue repair. KLOW adds KPV, which may contribute additional anti-inflammatory and antimicrobial effects on top of the GLOW blend.

Why Are Wolverine, GLOW, & KLOW Prescribed?

Wolverine:

- Recovery from a sports or exercise injury
- Systemic tissue repair

GLOW:

- Chronic inflammation
- Improving skin quality or appearance
- Supporting recovery and sleep after exercise

KLOW:

- Chronic inflammation
- Recovery from a sports or exercise injury
- Chronic pain

Much of the current research on these peptides comes from preclinical studies, with only limited human data available. Individual response varies, and results aren't guaranteed. This treatment is not a substitute for standard medical care.

What to Expect

This medication is given as a subcutaneous injection. **See additional documentation for how to administer a subcutaneous injection.**

- Typically dosed nightly; some patients use a pattern of 5 nights on, 2 nights off
- Used in a defined cycle: 6–8 weeks for an acute or subacute injury, or up to 10–12 weeks for chronic issues, as tolerated
- Your clinical team reassesses your dose and whether it is meeting your goals every 3–6 months

Required Labs

No lab testing is required for Wolverine, GLOW, or KLOW. However, it is highly recommended to track specific biomarkers while on one of these therapies. See the portal for details.

Storage & Expiration

Storage: It is recommended to store your medication in the refrigerator, but always follow the pharmacy-specific storage instructions included with your medication if they differ.

Expiration: This medication expires 28 days after first puncture, regardless of how much remains. After that time, it should no longer be used.

Who Shouldn't Use Wolverine, GLOW, & KLOW

Do not take this medication if any of the following apply to you:

- Pregnant or breastfeeding
- Currently using insulin
- Active cancer treatment, or cancer treatment completed within the last 5 years
- Diabetes with an A1c of 7% or higher
- Any known mass, lesion, or tumor currently under evaluation

For GLOW and KLOW only:

- Known allergy to copper, metals, or peptide-based products
- Wilson's disease or another copper metabolism disorder

Possible Side Effects

Redness, bruising, or mild swelling at the injection site. A small local reaction that stays limited and resolves within 24–48 hours may be irritation or a histamine-type response, but repeated or worsening reactions warrant pausing additional administration and contacting the clinical team.

To minimize any stinging or irritation that is particularly common for GLOW or KLOW, it is recommended to: rotate injection sites, allow the alcohol prep to air-dry, let the drawn-up syringe reach room temperature before injection, inject slowly, and avoid rubbing or massaging afterward. **See additional documentation for tips on how to administer a subcutaneous injection.**

When to Contact the Clinical Team

Stop using this product and contact your clinician through the portal if you develop any side effect beyond mild, expected injection site irritation.

Go to your nearest Emergency Room or call 911 right away if you have difficulty breathing or swelling of your face, lips, tongue, or throat.

Questions?

Ask your clinical team through the portal if you have any questions or concerns.

This Information is made available to you through Altro. All content was provided, reviewed, and approved by the medical director of the clinical team.

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