



BPX-01

First Topical Minocycline Gel for Acne

What is BPX-01*?

- » BPX-01 is a novel topical antibiotic therapy being studied for the treatment of moderate- to-severe acne (phase 2b complete).
 - Phase 2/3 feasibility study is also underway for rosacea.
- » BPX-01 delivers the leading acne antibiotic – minocycline – in a unique, hydrophilic topical gel formulation that is rapidly absorbed, non-oily, non-staining and non-fluorescing.
- » Pending phase 3 clinical trial results, it would be the first topical minocycline gel product commercially available.

Why minocycline?

- » Minocycline is one of the most proven and widely prescribed oral antibiotics used to treat acne.
- » It has a dual benefit of anti-bacterial and anti-inflammatory properties and a lower antibiotic resistance rate than other antibiotics.
- » Topical minocycline is generally well-tolerated.

Why is a new acne therapy needed?

- » There is significant physician and patient demand for a treatment that is effective, well-tolerated and convenient.
- » Oral antibiotics, which are part of the standard of care for moderate-to-severe acne, are effective, but side effects associated with systemic exposure can include discoloration of teeth, liver injury, renal impairment, central nervous system side effects such as light-headedness, dizziness or vertigo, serious skin reactions and erythema.
- » Current topical treatments are typically less effective than oral treatments and present other side effects such as rashes, skin irritation and flaking.
- » BPX-01 would be the first topical minocycline gel that optimizes both efficacy and safety due to low dose and targeted delivery.

How does BPX-01 work?

- » Unique hydrophilic (water-based) yet anhydrous (water-removed) delivery system
- » Fully solubilized minocycline
- » Penetrates the skin directly at the site where acne develops
- » Leaves no residue
- » More effective topical delivery of minocycline at much lower doses than oral antibiotics
- » Minimal systemic exposure and no side associated side effects

*Caution: BPX-01 is a new drug limited by federal or U.S. law to investigational use.