

BD solutions for enabling delivery of complex biologics

BD Physioject™ 1 mL Disposable Autoinjector



Automatic
needle
insertion

BD Physioject™

- Simple, one button activation
- Start of injection indicator:
 - Click noise
- Patient-centered design, easy to handle and use:
 - Cap removal
 - Needle guard push force
 - Button-push force
- Fully integrated system
- 100% drug visibility
- End indicator:
 - Stopper at the bottom of the barrel
- Passive needle shielding
- Evidence of integrity

- 3 steps, button-activated autoinjector¹
- Provides 360° view of the drug¹
- Allows control of injection²
- Protected needle at all times¹
- Reliably integrated with BD Hypak™ for Biotech Glass Prefillable Syringe 1 mL in 29G TW, 27G STW¹
- Customizable color and design

Key benefits

BD Physioject™ 1 mL Disposable Autoinjector is an easy-to-use autoinjector designed to deliver fixed dose injections subcutaneously:³

- **Easy to Use⁴** providing patient **confidence** in the injection process³
- **Clinically proven**, commercially available solution with human factors data^{3,5}
- **Fully integrated reliable solution**, validated with BD Hypak™ for Biotech 1 mL Syringe¹
- An **Ease of UseSM** Product recognized by the Arthritis Foundation^{®4}

Experience

- Less than 3 reported complaints per million linked to system integration for BD Physioject™ annually since 2010⁶
- Over 50 Million units of BD Physioject™ were sold between 2014 and 2018⁷

Availability

- Samples available for clinical and commercial use
- Full supportive data package of system performance
- Available through BD PartnerPath™ Program, enabling speed to market



References

1. Physioject Design Verification Report, VER138_20121952
2. September 2016 Qualitative Study "Autoinjector Patient Preference Research", with n=29 self-injection experienced patients
3. Berteau, Cecile, et al. "Evaluation of performance, safety, subject acceptance, and compliance of a disposable autoinjector for subcutaneous injections in healthy volunteers." Patient Preference and Adherence. 2010;4 379-388
4. Arthritis foundation®, <https://www.arthritis.org/living-with-arthritis/tools-resources/ease-of-use/health-and-wellness/bd-physioject-disposable-autoinjector.php>
5. Schwarzenbach, Florence, et al. "Results of a human factors experiment of the usability and patient acceptance of a new autoinjector in patients with rheumatoid arthritis." Patient Preference and Adherence. [in press]
6. BD Quality System complaint data (2012-2018), Physioject complaint extract for reported user complaints related to system integration
7. BD WW Demand Database, WW Sales 2014-2018 for APAC, EU, US, LA

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