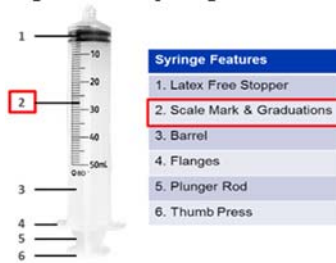


August 26, 2019

Dear Valued Customer:

In an effort to continuously improve our offerings and address the evolving needs of the market, we are writing to inform you that BD is standardizing the recommended volumetric capacity for large volume syringes. This change will impact syringe offerings across the general use (*BD Luer-Lok™ Tip, Luer Slip Tip, Eccentric Tip and Catheter Tip*), oral and enteral syringe categories. With this change, the scale mark (*Figure 1*) on all 60 mL BD® Syringes will no longer extend beyond 50 mL (*Figure 2*), and the product will be labeled and sold as a 50 mL syringe globally. A summary table indicating the scope of changes can be found below (*Table 1*).

Figure 1: Syringe features



Scale mark for 60 mL BD® Syringes will no longer extend beyond 50 mL

Figure 2: Images of new 50 mL BD® Syringe and current 60 mL BD® Syringe

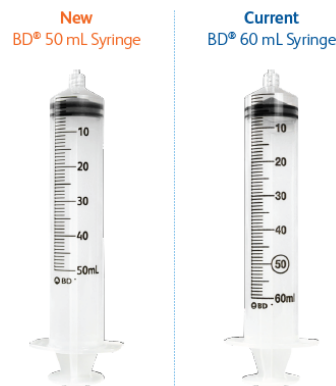


Table 1: Summary of change

Syringe feature	Scope of change (<i>no change to form, fit, function or raw materials</i>)
Latex free rubber stopper*	No change to stopper material or dimensions
Scale mark	Scale mark reduced from 60 mL to 50 mL
Graduations	Graduations remain at 1 mL increments
Barrel	No change to barrel material or dimensions
Flanges	No change to flange material or dimensions
Plunger rod	No change to plunger rod material or dimensions
Thumb press	No change to thumb press material or dimensions
Catalog / order number	No change to catalog / order number unless otherwise noted in Appendix I

*BD® Syringes are not formulated with natural rubber latex.

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There are no changes to device form, fit, function or raw material composition, and therefore, the new 50 mL BD® Syringe will maintain compatibility with any ancillary devices currently being used for either preparation or administration of medications (*e.g., syringe pumps, robotic filling equipment, etc.*).

With the exception of the 50 mL BD® Catheter Tip Syringe (309620), it is anticipated that 50 mL BD® Syringes will arrive at your facilities between October and December 2019. Due to current demand and inventory levels, it is anticipated that the transition from 60 to 50 mL for the BD Catheter Tip Syringe (309620) may occur as early as mid-September.

We are implementing this change for three main reasons:

- 1) Help drive safe sterile compounding practice by preventing overfill of medications and complying with aseptic technique.¹⁻³
- 2) Standardize the BD® large volume syringe offering to better manage market supply and mitigate the risk of product shortages resulting from market related events.
- 3) Align with other medication receptacles that may be in short supply (*i.e., 50 mL mini bags, 50% dextrose prefilled syringe, sodium bicarbonate prefilled syringe, etc.*) to facilitate product substitution with no anticipated clinical impact.

Please refer to Appendix I for a list of BD catalog numbers that will be impacted as well as any substitute catalog numbers that may be introduced as part of this change.

If you have any questions, please contact the BD Customer Clinical Support hotline at 1.800.555.7422 (*U.S. and Canada only*) or medical.support@bd.com.

We thank you for your continued support of BD, its products and services.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Akshay Yeshokumar'.

Akshay Yeshokumar
Associate Director Global Marketing
WW Hypodermic
BD Medical

1. Wilson, JP, Solimando, DA. Aseptic Technique as a Safety Precaution in the Preparation of Antineoplastic Agents. *Hospital Pharmacy*. November 1981; Vol 16:575-581.
2. McElhiney LF. Aseptic Technique. In: Buchanan EC, Schneider PJ, Forrey RA, eds. *Compounding sterile preparations*. 4th ed. Bethesda, MD: American Society of Health-System Pharmacists; 2017.
3. Aseptic Technique, Sterile Compounding, and IV Admixture Programs. *Practice Basics*. American Society of Health-System Pharmacists, pp. 47; 2017. Retrieved from <http://www.ashpmedia.org/bookstore/P2074/Chpt-16.ppt>.

Appendix I

The table below indicates the existing BD catalog numbers that will be impacted by this change. Details of any replacement category numbers are also contained within the table for any instances where it has been necessary to introduce the new 50 mL syringes under a new BD catalog number. Also included are the markets where each BD catalog number is sold.

Existing BD catalog number	Existing BD catalog description	New BD catalog description	Replacement BD catalog number	Markets served
301035	Syringe Non-Sterile 60 mL Luer-Lok™	Syringe Non-Sterile 50 mL Luer-Lok™	N/A	Canada, Europe, United States
301036	Syringe Non-Sterile 60 mL Luer Slip Tip	Syringe Non-Sterile 50 mL Luer Slip Tip	N/A	Canada, United States
301037	Syringe 60 mL Non-Sterile Catheter Tip	Syringe 50 mL Non-Sterile Catheter Tip	N/A	Canada, United States
302827	Syringe 60 mL Luer-Lok™	Syringe 50 mL Luer-Lok™	303552	Brazil
302828	Syringe 60 mL Catheter Tip	Syringe 50 mL Catheter Tip	303553	Brazil
302829	Syringe 60 mL Luer Slip Tip	Syringe 50 mL Luer Slip Tip	303554	Brazil
305863	Syringe Oral/Enteral 60 mL Clear	Syringe Oral/Enteral 50 mL Clear	N/A	Australia, Europe, Middle East, South America, United States
305864	Syringe Oral/Enteral Non-Sterile 60 mL	Syringe Oral/Enteral Non-Sterile 50 mL	N/A	Canada
309620	Syringe 60 mL Catheter Tip	Syringe 50 mL Catheter Tip	N/A	Australia, Canada, Central America, Europe, Middle East, New Zealand, Southern Africa, South America, Southeast Asia, United States
309653	Syringe 60 mL Luer-Lok™ Tip	Syringe 50 mL Luer-Lok™ Tip	N/A	Australia, Canada, Central America, Europe, Hong Kong, Japan, Korea, Middle East, New Zealand, Southern Africa, South America, Southeast Asia, United States
309654	Syringe 60 mL Luer Slip Tip	Syringe 50 mL Luer Slip Tip	N/A	Canada, Central America, United States
309680	Syringe Pharmacy Convenience Pak 60 mL Luer-Lok™	Syringe Pharmacy Convenience Pak 50 mL Luer-Lok™	N/A	Canada, Hong Kong, United States