



BD Medical – Diabetes Care pharmacy catalog



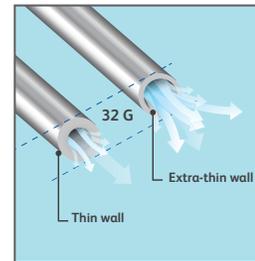
Introduce your patients to BD Nano™ Ultra-Fine™ Pen Needles today



Recent recommendations published in *Mayo Clinic Proceedings* state that the shortest pen needle available (currently 4 mm) is the safest for all patient categories.¹

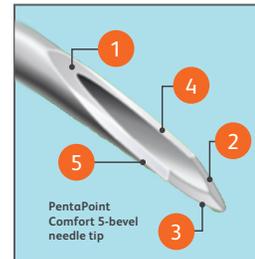


Only BD Nano™ Pen Needles combine two technologies for an optimized injection experience^{2,3}



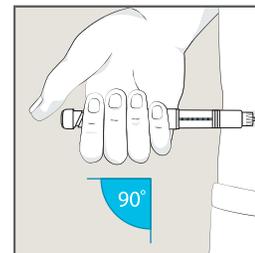
EasyFlow™ Technology

Allows for up to 149% higher insulin flow and less thumb force when performing an injection^{2*}



PentaPoint™ Comfort

Requires less penetration force for a more comfortable injection^{3†}



BD Nano™ Pen Needles

Allow for a one-handed, no-pinch-up technique injection,[‡] providing access to more injection sites and facilitating proper site rotation⁴

Covered by most health plans at the preferred co-pay, including Medicare Part D⁵

Compatible with leading pen injection devices⁵

*Compared to regular and thin walled comparator pen needles

† Compared to 3-bevel needles

‡ Consult the Instructions for Use and/or your healthcare provider about proper injection technique.

5 Co-pays and preferred status vary by plan.

Introduce your patients to BD Veo™ Insulin Syringes with BD Ultra-Fine™ 6 mm needle today

- Our shortest insulin syringe needle available—in line with recent clinical recommendations¹
- Approximately 8x-lower risk of intramuscular (IM) injection^{4*}
- 6 mm x 31G needle designed for a more comfortable injection^{1†}

Per recent recommendations published in *Mayo Clinic Proceedings*:

“The shortest insulin syringe needle available (currently 6 mm[§]) is the safest for all patient categories.”¹



Covered by most health plans at the preferred co-pay, including Medicare Part D[†]

Most patients prefer BD Veo™ Insulin Syringes with BD Ultra-Fine™ 6 mm needle over longer needles⁶

Select barrel capacity based on largest daily insulin dose

Choose the insulin syringe capacity based on the patient's largest daily insulin dose

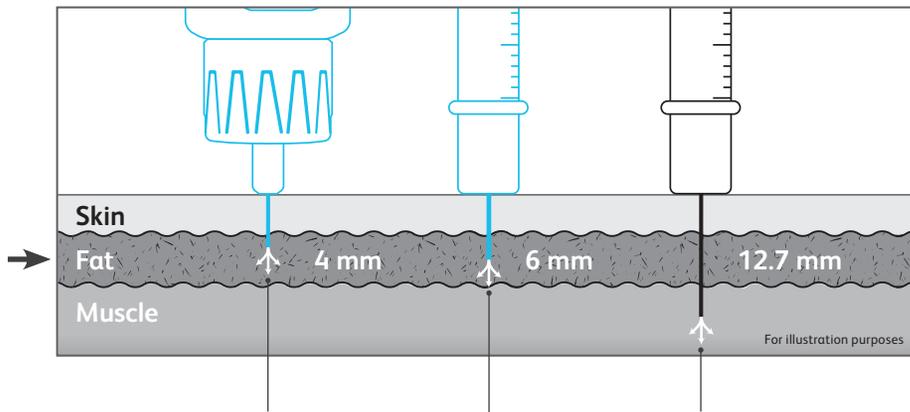
Where possible, keeping the barrel size at least five units larger than your patient's largest daily dose helps minimize both **plunger pull-out** and potential medication waste.

Dosage units	Recommended insulin syringe capacity
Up to 25 units	3/10 mL (Half-unit scale) or 3/10 mL (one-unit scale)
26–45 units	1/2 mL
46–100 units	1 mL

BD® Insulin Syringes with BD Ultra-Fine™ needle are available in all barrel capacities

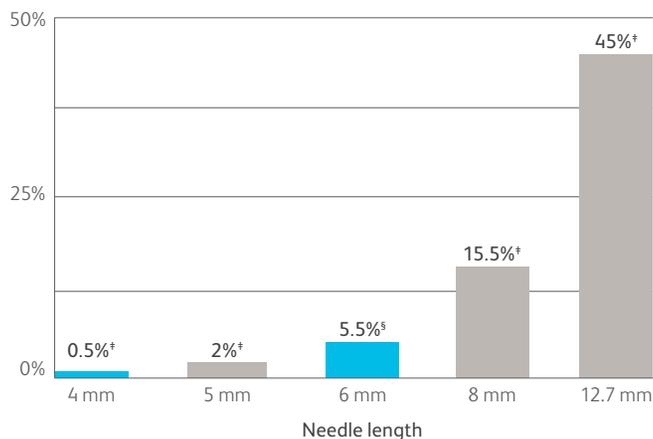
* Compared to a 12.7 mm needle, when inserted at 90° without a pinch-up technique in an adult population.
 † Compared to longer insulin syringe needles.
 ‡ Co-pays and preferred status vary by plan.
 § Excluding safety syringes.

It's important for patients to inject with the **shortest** needles available



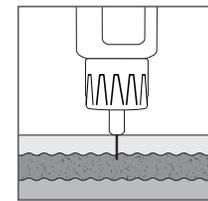
- Insulin is meant to be injected into the fat layer just below the skin for consistent absorption¹
- Shorter needle lengths (6 mm or less) decrease the risk of injecting into the muscle.^{1,4*}
- If patients inject into the muscle, the insulin may be absorbed inconsistently, which may lead to low blood sugar and poor glycemic control.¹

Calculated probability of IM injection by needle length^{4†}



* Compared to longer needles.
[†] A needle inserted at 90° without a pinch-up technique in an adult population.
[‡] Rounded up to the nearest half percent.
[§] Rounded down to the nearest half percent.

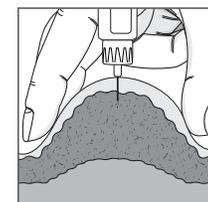
Counsel patients on injection technique based on needle length



Shorter needle length

Patients don't need to use a pinch-up technique. Inject at 90° (*straight in*) to the skin.^{4*}

4 mm and 5 mm



Longer needle length

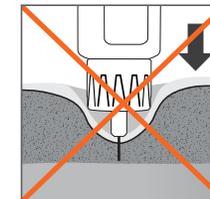
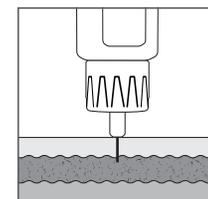
Patients should use a pinch-up technique. Inject at 90° (*straight in*) to the pinch-up.⁴

6 mm, 8 mm and 12.7 mm

Proper injection technique matters

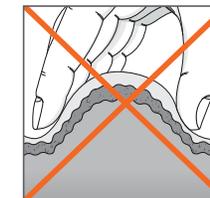
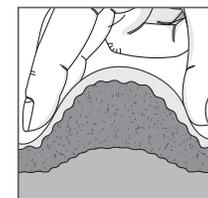
No pinch-up technique

When no pinch-up technique is used – explain to patients the importance of proper needle insertion force technique:¹¹



A correct no pinch-up technique requires light pressure when inserting the needle into the skin, just touching the pen needle base to the skin.

Pinch-up technique



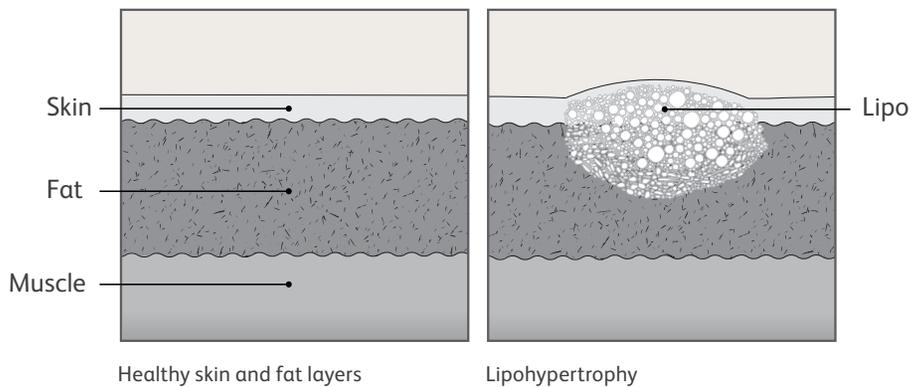
A correct pinch-up is made by lifting the skin with the thumb and index finger. If the skin is lifted using the whole hand, muscle may be lifted as well as subcutaneous tissue, which can lead to IM injections.¹

The pinch-up should be held until the injection is complete and the needle has been removed from the skin.¹

* Consult the Instructions for Use and/or your healthcare provider about proper injection technique.

Lipohypertrophy (*lipo*) and insulin injections

Lipo is one of the most common complications of insulin injections.



In one study, almost 2/3 of all people who inject insulin had some degree of lipo.⁷

76% of type 1 diabetes patients had lipo

56% of type 2 diabetes patients had lipo

Lipo can affect diabetes management

In a study, **22%** or more than 1/5 of the insulin injected into lipo was **not absorbed into the body**⁸

In a study, nearly **40%** of people with lipo experienced **unexplained hypoglycemia** compared to 6% of people without lipo⁷

What can lead to lipo?

A large international survey of people who inject insulin found that there are three independent risk factors that make people more likely to develop lipo. Two of the most common are:^{9*}

- Not rotating injection sites correctly
- Reusing needles

* No causal link has been established between these factors and the development of lipohypertrophy



Encourage your patients to replace their needle every time they inject

You can help your patients reduce their risk of developing lipo by reminding them to:¹

1. Replace their needle every time they inject
2. Rotate their injection sites



Do not reuse

Insulin syringes and pen needles are designed for single use and should only be used once—they are no longer sterile after use¹

In a study, the more patients reused their needles, the more likely they were to develop lipo.⁷

A recent study of structured insulin injection technique training - including counseling on:

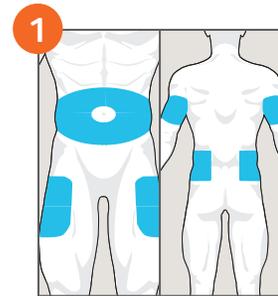
- using a shorter needle length
- using a new needle with each injection
- site rotation

resulted in an A1c reduction of 1% at 6 months.¹⁰

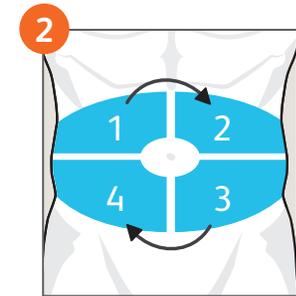
Encourage your patients to follow proper injection site rotation

It's important to rotate injections *within* each area and *between* areas on a regular basis¹

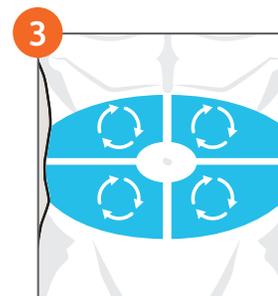
The abdomen, thighs, arms and buttocks are generally recommended injection areas.



Choose an area.



Divide that area into four sections.



Select an injection site in a section to start injecting. Use one section per week.



Inject one finger width away from your last injection.

BD Ultra-Fine™ Pen Needles



BD Nano™ Ultra-Fine™ Pen Needles
4 mm x 32G

Catalog #	NDC/HRI #
320122	08290-3201-22



BD Ultra-Fine™ Mini Pen Needles
5 mm x 31G

Catalog #	NDC/HRI #
320119	08290-3201-19



BD Ultra-Fine™ Micro Pen Needles
6 mm x 32G

Catalog #	NDC/HRI #
320749	08290-3207-49



BD Ultra-Fine™ Short Pen Needles
8 mm x 31G

Catalog #	NDC/HRI #
320109	08290-3201-09



BD Ultra-Fine™ Original Pen Needles
12.7 mm x 29G

Catalog #	NDC/HRI #
328203	08290-3282-03



BD AutoShield Duo™ Pen Needles
5 mm x 30G with dual-ended needle protection

Catalog #	NDC/HRI #
329515	08290-3295-15

BD® Insulin Syringes with BD Ultra-Fine™ needle



BD Veo™ Insulin Syringes with BD Ultra-Fine™ needle
6 mm x 31G, 100 ct. box (10 x 10 count polybag)

Capacity	Catalog #	NDC/HRI #
1 mL (100 units)	324912	08290-3249-12
1/2 mL (50 units)	324911	08290-3249-11
3/10 mL (30 units)	324909	08290-3249-09
3/10 mL (30 units); Half-unit scale	324910	08290-3249-10



BD® Insulin Syringes with BD Ultra-Fine™ needle
8 mm x 31G, 100 ct. box (10 x 10 count polybag)

Capacity	Catalog #	NDC/HRI #
1 mL (100 units)	328418	08290-3284-18
1/2 mL (50 units)	328468	08290-3284-68
3/10 mL (30 units)	328438	08290-3284-38
3/10 mL (30 units); Half-unit scale	328440	08290-3284-40



BD® Insulin Syringes with BD Ultra-Fine™ needle
12.7 mm x 30G, 100 ct. box (10 x 10 count polybag)

Capacity	Catalog #	NDC/HRI #
1 mL (100 units)	328411	08290-3284-11
1/2 mL (50 units)	328466	08290-3284-66
3/10 mL (30 units)	328431	08290-3284-31



BD® U-500 Insulin Syringes
6 mm x 31G, 100 ct. box, individually wrapped

Capacity	Catalog #	NDC/HRI #
1/2 mL (250 units)	326730	08290-3267-30

BD immunization syringes

BD Integra™ 3 mL Syringe with Detachable Needle



Needle Length	Catalog #
25 G x 5/8 in.	305269
25 G x 1 in.	305270



BD Eclipse™ Needle

Needle Length	Catalog #
25 G x 1 in.	305761



BD SafetyGlide™ Needle

Needle Length	Catalog #
25 G x 5/8 in.	305901
25 G x 1 in.	305916

BD TB syringes

BD SafetyGlide™ 1 mL Tuberculin with Permanently Attached Needle



Needle Length	Catalog #
27 G x 1/2 in.	305945
26 G x 3/8 in.	305946

BD® Allergy Syringe



1 mL

Needle Length	Catalog #
28 G x 1/2 in.	305500

BD Veritor™ Plus System



BD Veritor™ Plus Analyzer

Catalog #
256066



BD Veritor™ Flu A+B Kit (30 tests per kit)

Catalog #
256045



BD Veritor™ Strep A Kit (30 tests per kit)

Catalog #
256040

BD safe sharps disposal



BD® Home Sharps Container

Catalog #	NDC/HRI #
323487	08290-3234-87



BD® Sharps Disposal by Mail
Includes postage-paid mailing box

Catalog #	NDC/HRI #
323488	08290-3234-88



BD Safe-Clip™ Needle Clipping and Storage Device

Catalog #	NDC/HRI #
328235	08290-3282-35



BD Safe-Clip™ by Mail
Includes postage-paid mailing box

Catalog #	NDC/HRI #
328335	08290-3283-35

BD accessories



BD® Alcohol Swabs

Catalog #	NDC/HRI #
326895	08290-3268-95



BD Magni-Guide™ Insulin Syringe Scale Magnifier & Needle Guide

Catalog #	NDC/HRI #
328233	08290-3282-33



BD Microtainer® Contact-Activated Lancet
1.5 mm x 30G

Catalog #	NDC/HRI #
366592	08290-3665-92

Patients should always safely dispose of their needles!



- After use, needles should be disposed of immediately. Pen needles should not be left attached to the pen, and should not be recapped.
- Always dispose of sharps in a medical sharps container.
- Used sharps should never be discarded directly into household or public trash.
- Family members, caregivers and service providers (e.g., child care and sanitation workers) should be taught about safe sharps disposal.

BD diabetes product reorder numbers

Product	Catalog #	NDC/HRI #	ABC item #	CIN #	McKesson Item #	Bellco Drug Item #	Dakota Drug Item #	HD Smith Item #	KIN #	Morris and Dickson Item #	Mutual Drug Item #	Rochester Drug Item #	Smith Drug Item #	Value Drug Item #	
			6-digit	8-digit											
BD Ultra-Fine™ Pen Needles															
BD Nano™ Ultra-Fine™ 4 mm x 32G	320122	08290-3201-22	045948	10005173	4292272	2404671	369422	765701	2331163	479-550	068056	782-177	10228906	63-5102	543389
BD Ultra-Fine™ Mini 5 mm x 31G	320119	08290-3201-19	356978	10024308	3335395	2426591	860361	045302	134-8606	691-154	416636	294033	10043842	16-7759	152587
BD Ultra-Fine™ Micro 6 mm x 32G	320749	08290-3207-49	678680	10179009	5392162	3687084	-	-	5682315	642-401	100115	274431	10745008	824870	181152
BD Ultra-Fine™ Short 8 mm x 31G	320109	08290-3201-09	422089	10028059	2760312	1866359	682773	006106	101-4364	510-453	173252	824375	13201504	19-1411	959478
BD Ultra-Fine™ Original 12.7 mm x 29G	328203	08290-3282-03	810143	10051995	2487213	1639459	682765	095638	040-4988	446-815	251926	708099	13201306	10-6781	879171
BD AutoShield Duo™ Pen Needle 5 mm x 30G (with dual-ended safety features)	329515	08290-3295-15	144584	10101253	4563987	2157642	484674	074948	000-5405055	882-589	200311	898-262	10320224	668525	203016
BD® Insulin Syringes with BD Ultra-Fine™ needles															
BD Veo™ Insulin Syringes with BD Ultra-Fine™ needle 6 mm x 31G; 1 mL	324912	08290-3249-12	164835	10103960	4570305	1248905	466855	968149	259-0644	770-388	287185	898884	10278000	58-1645	927939
BD Veo™ Insulin Syringes with BD Ultra-Fine™ needle 6 mm x 31G; 1/2 mL	324911	08290-3249-11	164830	10103919	4570289	1249002	466863	968222	259-0651	770-362	282425	897983	10277994	58-1652	927996
BD Veo™ Insulin Syringes with BD Ultra-Fine™ needle 6 mm x 31G; 3/10 mL	324909	08290-3249-09	164828	10103918	4569679	1249010	466880	968388	259-0677	770-321	287532	897918	10277978	58-1660	928101
BD Veo™ Insulin Syringes with BD Ultra-Fine™ needle 6 mm x 31G; 3/10 mL Half-unit scale	324910	08290-3249-10	164822	10103917	4570271	1249028	466871	968305	259-0669	770-347	287607	897975	10277986	58-1678	928085
BD® Insulin Syringes with BD Ultra-Fine™ needle 8 mm x 31G; 1 mL	328418	08290-3284-18	910378	10056593	2561066	1445683	145197	426684	108-2718	510-321	253344	701623	13208905	13-8479	908152
BD® Insulin Syringes with BD Ultra-Fine™ needle 8 mm x 31G; 1/2 mL	328468	08290-3284-68	910238	10056579	2487239	1633445	655175	181685	108-2668	446-799	258111	701623	13208301	10-7649	878215
BD® Insulin Syringes with BD Ultra-Fine™ needle 8 mm x 31G; 3/10 mL	328438	08290-3284-38	910289	10056583	2487247	1633023	655134	181735	124-1512	446-807	572131	701599	13208202	10-7847	878223
BD® Insulin Syringes with BD Ultra-Fine™ needle 8 mm x 31G; 3/10 mL Half-unit scale	328440	08290-3284-40	910291	10056584	3383056	1624188	873265	201483	134-8663	682-245	442251	333575	10043859	41-2288	207498
BD® Insulin Syringes with BD Ultra-Fine™ needle 12.7 mm x 30G; 1 mL	328411	08290-3284-11	910303	10056586	1860949	2183739	472852	144931	108-2593	190-926	254136	287706	13206503	35-8747	693929
BD® Insulin Syringes with BD Ultra-Fine™ needle 12.7 mm x 30G; 1/2 mL	328466	08290-3284-66	910214	10056578	1860956	2184034	472845	144949	124-1397	190-918	254144	287714	13206701	35-8754	693911
BD® Insulin Syringes with BD Ultra-Fine™ needle 12.7 mm x 30G; 3/10 mL	328431	08290-3284-31	910277	10056582	1860964	2184331	472860	144956	124-1405	190-900	254151	287722	13206602	35-8762	693903
BD® U-500 Insulin Syringes 6 mm x 31G; 1/2 mL	326730	08290-3267-30	580936	10170043	5301874	3591104	-	263566	5641451	-	849521	235853	10725315	796821	163763
BD safe sharps disposal															
BD® Home Sharps Container	323487	08290-3234-87	228783	10017869	2295285	1711506	624759	055871	124-1462	345-199	254748	589358	27018605	43-0371	624049
BD® Sharps Disposal by Mail, 1.4 Quart	323488	08290-3234-88	791900	10051292	3503067	1482710	300601	-	146-4106	345-209	519512	-	-	-	-
BD Safe-Clip™ Needle Clipping and Storage Device	328235	08290-3282-35	283796	10020376	1153790	1153915	444562	116749	108-2726	190-108	253377	705541	90066010	26-9290	480079
BD Safe-Clip™ by Mail	328335	08290-3283-35	504936	10162068	4570321	1248095	-	-	-	-	-	-	-	-	-
BD accessories															
BD® Alcohol Swabs; 100 count	326895	08290-3268-95	284745	10020452	1237551	1165133	180711	019554	108-2494	009-191	252007	022160	65679003	06-8841	300673
BD Magni-Guide™ Insulin Syringe Scale Magnifier & Needle Guide	328233	08290-3282-33	281790	10020225	1092923	2286128	402578	412825	124-138	160-010	252049	730564	90064080	23-4268	467894
BD Microtainer® Contact-Activated Lancet 1.5 mm x 30G	366592	08290-3665-92													
BD immunization syringes															
BD Integra™ 3 mL Syringe with Detachable 25 G x 5/8 in. Needle	305269	-	694164	10045383	3525243	1328681	-	-	197-7479	-	515718	447755	10238020	34-5959	-
BD Integra™ 3 mL Syringe with Detachable 25 G x 1 in. Needle	305270	-	754352	10048564	3525250	1328707	-	585232	142-6428	-	548958	447748	10219715	34-9258	-
BD Eclipse™ 25 G x 1 in. Needle	305761	-	474736	10158676	3395001	2271708	-	-	-	-	-	-	-	-	-
BD SafetyGlide™ 25 G x 5/8 in. Needle	305901	-	086417	10009952	2809515	2746774	-	028555	-	-	405373	-	-	13-0914	-
BD SafetyGlide™ 25 G x 1 in. Needle	305916	-	123063	10012582	3296852	1967223	-	-	-	-	-	-	-	-	-
BD tuberculin and allergy syringes															
BD SafetyGlide™ 1 mL Tuberculin Syringe with 27 G x 1/2 in. Permanently Attached Needle TNT	305945	-	086443	10009956	3072790	2473684	861963	-	-	-	618025	-	-	35-8432	-
BD SafetyGlide™ 1 mL Tuberculin Syringe with 26 G x 3/8 in. Permanently Attached Needle (IB) TNT	305946	-	489486	10160288	3102191	2747475	-	-	-	-	-	-	-	-	-
BD® Allergy Syringe with 28 G x 1/2 in. Regular Bevel; 1 mL	305500	08290-5500-03	281642	10020214	1052117	3698032	-	169938	-	007-708	252072	-	90058397	27-6352	-
BD Veritor™ System															
BD Veritor™ Plus Analyzer	256066	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BD Veritor™ Flu A+B CLIA – waived kit	256045	-	494872	10160800	5383567	3491560	-	-	-	-	102202	-	-	-	-
BD Veritor™ Strep CLIA – waived kit	256040	-	494171	10160653	5358981	3491578	-	-	-	-	102236	-	-	-	-

Helping your patients better manage their diabetes

Sharing your knowledge of proper insulin injection technique is invaluable for patients with diabetes. Just as important is the trust you've built with your patients. At BD, we believe your knowledge and relationships are the foundation for persistent therapy adherence. This is why we are committed to supporting you and the patients you serve with innovative products and services that help improve the comfort and satisfaction of every patient's experience.

Learn more about ways we can partner to make a difference.

Go to bd.com/pharmacypartner

Connect with BD



BD Diabetes Care
bd.com/diabetes



BD Customer Support
1.888.BD.CARES (232.2737)
Monday–Friday,
8 a.m.–8 p.m. EST

References: 1. Frid AH, Kreugel G, Grassi G, et al. New insulin delivery recommendations. *Mayo Clin Proc.* 2016;91(9):1231–1255. 2. Aronson R, Gibney MA, Oza K, Bérubé J, Kassler-Taub K, Hirsch L. Insulin pen needles: effects of extra-thin wall needle technology on preference, confidence, and other patient ratings. *Clin Ther.* 2013;35(7):923–933. 3. Hirsch L, Gibney M, Bérubé J, Manocchio J. Impact of a modified needle tip geometry on penetration force as well as acceptability, preference, and perceived pain in subjects with diabetes. *J Diabetes Sci Technol.* 2012;6(2):328–335. 4. Gibney MA, Arce CH, Byron KJ, Hirsch LJ. Skin and subcutaneous adipose layer thickness in adults with diabetes at sites used for insulin injections: implications for needle length recommendations. *Curr Med Res Opin.* 2010;26(6):1519–1530. 5. BD Pen Needle Compatibility Status Summary with Diabetes Care & Non-Diabetes Drug Delivery Devices; Documents Number: 1490TH-0004-02 Rev N Dated: 22 Jun 2017; 10000308903 Ver B Dated: 20 July 2017; 0000321189 Ver A Dated: July 2017. 6. BD 6mm Insulin Syringe Voice of Customer Market Research Report, August 2017. 7. Blanco M, Hernández MT, Strauss KW, Amaya M. Prevalence and risk factors of lipohypertrophy in insulin-injecting patients with diabetes. *Diabetes Metab.* 2013;39(5):445–453. 8. Famulla S, Hövelmann U, Fischer A, et al. Insulin injection into lipohypertrophic tissue: blunted and more variable insulin absorption and action and impaired postprandial glucose control. *Diabetes Care.* 2016;39(9):1486–1492. 9. Frid AH, Hirsch LJ, Menchior AR, Morel DR, Strauss 1(4): KW. Worldwide injection technique questionnaire study: injecting complications and the role of the professional. *Mayo Clin Proc.* 2016;91(9):1224–1230. 10. Misnikova IV, Gubkina VA, Lakeeva TS, Dreval AV. A Randomized Controlled Trial to Assess the Impact of Proper Insulin Injection Technique Training on Glycemic Control. *Diabetes Ther.* 2017; 8(6): 1309-1318. 11. Roberts B, Rini CJ, Oberlander N, Pettis RJ. Fluoroscopic assessment of percutaneous cannula penetration depth. Poster presented at: American Diabetes Association 77th Scientific Sessions; June 2017; San Diego, U.S.

BD, Franklin Lakes, NJ 07417, U.S.

bd.com/pharmacypartner

BD, the BD Logo, AutoShield Duo, Eclipse, Integra, Magni-Guide, Microtainer, Nano, Safe-Clip, SafetyGlide, Ultra-Fine, Vero and Veritor are trademarks of Becton, Dickinson and Company.
© 2018 BD and its subsidiaries. All rights reserved. 1810723192PRTB

