

# BD Q-SYTE™ LUER ACCESS SPLIT SEPTUM

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THIS NEEDLELESS IV ACCESS DEVICE IS UNIQUELY SPLIT.  
ITS CLINICAL RESULTS ARE NOT.

BD Q-Syte Luer Access Split Septum



Helping all people  
live healthy lives

# A split-septum needleless access system has 64%–70% lower CRBSI rates than mechanical valves.<sup>1,2</sup>

The CDC reports that of ~98,000 Healthcare Acquired Infections (HAI)-related deaths per year, approximately 30,000 of them are caused by bloodstream infections (BSIs).<sup>3</sup> What many healthcare professionals are beginning to realize, however, is the impact IV access devices may have on catheter-related bloodstream infection (CRBSI) cases. Although a small and seemingly inconsequential component of an infusion therapy system, a needleless access device can be the place of origin for microbial growth.<sup>4</sup>

Purposefully simple in design and function, split-septum devices eliminate the complexities of mechanical valves, and with them, the places that may harbor bacteria.<sup>4</sup> In fact, studies comparing devices found that patients are three times more likely, on average, to develop a CRBSI with the use of mechanical valves vs. a split-septum needleless access system.<sup>1,2</sup>

## THE SOLUTION IS IN SIMPLICITY

The split-septum concept was introduced to the needleless IV access device market with Interlink.<sup>®</sup> BD understands that split-septum features such as simple internal design, ease of use, and a straight, clear fluid path, are critical to achieve CRBSI reductions. Now, BD Medical extends the benefits of split septum to the convenience of luer access with BD Q-Syte Luer Access Split Septum.

# The BD split-septum

Smooth surface is easily  
cleaned prior to access.



Clear housing allows  
visual assessment of  
the fluid path.

1 Rupp ME, Sholtz LA, Jourdan DR, et al. Outbreak of bloodstream infection temporally associated with the use of an intravascular needleless valve. *CID*. 2007;44:1408-1414.

2 Salgado CD, Chinnes L, Paczesny TH, Cantej JR. Increased rate of catheter-related bloodstream infection associated with use of a needleless mechanical valve device at a long-term acute care hospital. *Infect Control Hosp Epidemiol*. 2007;28:684-688.

3 Klevens RM, Edwards JR, Richards CL, et al. Estimating health care-associated infections and deaths in U. S. hospitals, 2002. *Public Health Reports*. 2007; 122:160-166.

4 Karchmer TB, Wood C, Ohl CA, et al. Contamination of mechanical valve needleless devices may contribute to catheter-related bloodstream infections. *SHEA 2006 Presentation Number: 221 Poster Board Number: 47*.

# Q-Syte™ A difference

No crevices or gaps around the surface to harbor bacteria.

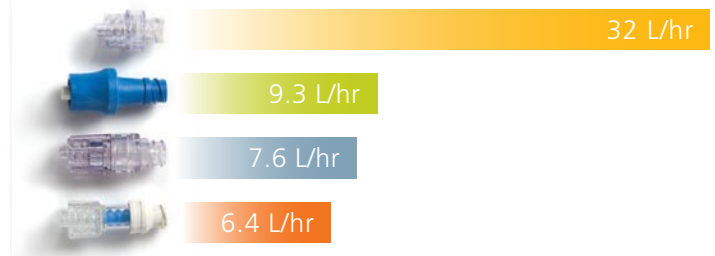
Simple fluid path design reduces places for microbes to grow;<sup>4</sup> this fluid path also delivers a better flow rate.<sup>5</sup>

## ULTIMATE PERFORMANCE IN CLOSED LUER ACCESS

In addition to the benefits of split-septum design, the BD Q-Syte device delivers optimal luer access performance. Because of its straight and unobstructed fluid path, the BD Q-Syte device provides:

- Dramatically higher flow rates<sup>5</sup>
- A low priming volume
- Flexibility to use ISO-compatible luer slip or luer lock connection

## FLOW RATE COMPARISON LUER ACCESS DEVICES



## THE RIGHT CHOICE FOR AVOIDING “NEVER EVENTS”

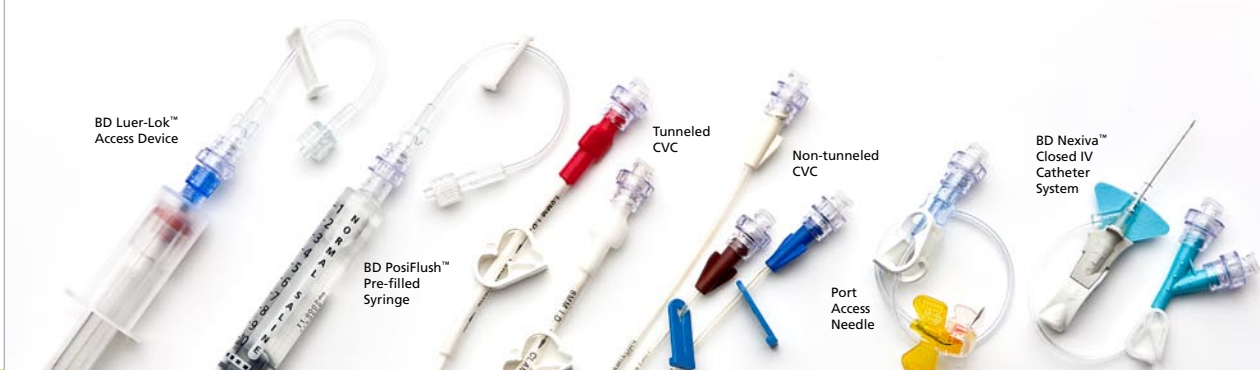
“Never events”<sup>6</sup> are described as serious, costly, and preventable medical errors that should never happen in the provision of health care services. An HAI, in particular, is a “never event” that the Centers for Medicare & Medicaid Services (CMS) has identified as a high cost to the Medicare program. In its effort to reduce or eliminate “never events,” the CMS adjusts payments for HAIs (including CRBSIs)—a move that has serious cost consequences to healthcare organizations.

Because treating CRBSI cases can cost more than \$103,000 per hospital stay,<sup>7</sup> taking strides to reduce the risk of CRBSIs is in the best interest of hospitals and patients alike. Utilizing split-septum devices such as BD Q-Syte or Interlink may help hospitals reduce their rate of CRBSIs, an outcome that’s good for patients and the bottom line.

<sup>5</sup> Data on file

<sup>6</sup> <http://www.cms.hhs.gov/apps/media/press/release.asp>

<sup>7</sup> Centers for Medicare & Medicaid Services. (2008, April 14) CMS proposes additions to list of hospital-acquired conditions for fiscal year 2009. Available at: [http://www.cms.hhs.gov/apps/media/fact\\_sheets.asp](http://www.cms.hhs.gov/apps/media/fact_sheets.asp)



Product Information

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**BD Q-SYTE™ LUER ACCESS SPLIT SEPTUM**

Ref No.	Product Description	Quantity	Flow Rate H <sub>2</sub> O (L/hr.) <sup>8</sup>	Priming Volume (mL)
<b>BD Q-Syte™ Luer Access Split Septum</b>				
385100	Stand-Alone Device	50/Shelf Pack 200/Case	32	0.10
<b>BD Q-Syte™ Extension Sets</b>				
385101	15 cm (6 in.) Macro Bore, fixed nut	25/Shelf Pack 200/Case	27	1.14
385102	15 cm (6 in.) Small Bore, fixed nut	50/Shelf Pack 200/Case	3	0.21
<b>BD Q-Syte™ Accessory</b>				
385108	Vial Access Adapter	25/Shelf Pack 100/Case	N/A	N/A
<b>MPS Acacia Extension Sets with BD Q-Syte™ Luer Access Split Septum</b>				
385150	15 cm (6 in.) BD RightBore™ 18 Ext. Set, spin nut	50/Case	19	0.60
385151	15 cm (6 in.) Small Bore Ext. Set, spin nut	50/Case	2	0.25
385152	15 cm (6 in.) Macro Bore Ext. Set, spin nut	50/Case	22	1.00
385153	36 cm (14 in.) Small Bore Ext. Set, spin nut	50/Case	3	0.55
385161	15 cm (6 in.) Macro Bore Bi-Ext. Set, spin nut	50/Case	20	1.60
385162	15 cm (6 in.) Macro Bore Tri-Ext. Set, spin nut	50/Case	20	2.25
385163	15 cm (6 in.) Small Bore Bi-Ext. Set, spin nut	50/Case	2	0.45
385164	15 cm (6 in.) Small Bore Tri-Ext. Set, spin nut	50/Case	2	0.80
385165	20 cm (8 in.) "Y" Macro Bore Ext. Set, spin nut	50/Case	22	1.40
385166	50 cm (20 in.) "2Y" Macro Bore Ext. Set, spin nut	50/Case	18	3.20

To learn more about BD Q-Syte Luer Access Split Septum products, call 1.888.237.2762 or visit [www.bd.com/infusion/products/qsyte](http://www.bd.com/infusion/products/qsyte).



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<sup>8</sup> Test method, ISO 10555-5 Annex B (max flow @ 525 ± 25 mL/min)

MPS Acacia products featuring the BD Q-Syte Luer Access Split Septum are exclusively distributed by BD Medical. MPS Acacia, Brea, CA 92921. [www.mpsacacia.com](http://www.mpsacacia.com)