BD Nexiva™ Closed IV Catheter System with BD MaxZero™ Needle-free Connector(s)

Better together

Bringing together the benefits of **BD Nexiva™ Closed IV Catheter System** and **BD MaxZero™ Needle-free Connector(s)** in one convenient package.

Optimizes dwell times[1,2]

- **BD Nexiva™ Closed IV Catheter System** has been clinically demonstrated to have a median dwell time of 6 days for catheters in place ≥24 hours.[2]
- The **BD MaxZero™ Needle-free Connectors** assists in maintaining closed lines for up to 7 days, protecting against bacterial entry.
- In a clinical study, the BD Vascular Care Solution, which includes **BD Nexiva™ Closed IV Catheter System with BD MaxZero™ Needle-free Connector**, BD PureHub™ Disinfecting Cap, and BD PosiFlush™ Syringe reduced the relative risk of PIVC failure by 27% as compared with the standard approach.*[3]

Reduces complications[1–3, 5–8]

- A clinical study demonstrated a significant reduction in the rate of phlebitis (grade 2 or higher) (36%), catheter-related complications (25%), and infiltration (24%) with **BD Nexiva™ Closed IV Catheter System.**†[2]
- Upon disconnection, **BD MaxZero™ Needle-free Connectors** expel fluid from the catheter tip, preventing blood from entering back into the catheter. This aids in reducing occlusions.[8]
- **BD MaxZero™ Needle-free Connectors** are associated with a 55% reduction in thrombotic occlusions.‡[8]
- The BD Vascular Care Solution reduced occlusion and dislodgement when compared to a standard approach.*[3]

BD MaxZero™ Needle-free Connectors have a solid-sealed surface that can be disinfected in only three seconds using 70% isopropyl alcohol.[4]

*Standard group included BD Insyte™ Autoguard™, three-way stopcock, sterile gauze and alcohol-based antiseptic, gravity saline/polyionic solution infusion.

†Compared to an open system.

‡Compared to a leading neutral displacement split septum connector.

BD Nexiva™ Closed IV Catheter System – Single Port with BD MaxZero™ Needle-free Connector

Catalog no.	Color	Gauge	Catheter length (in)/(mm)	Catheter ID in (mm)	Catheter OD in (mm)	Extension tube ID (mm)	Gravity flow Rate (mL/min)	Maximum power injector flow rate at 300 PSI (mL/sec)*	Packaging
383551	Yellow	24	0.75/ 19	0.0210 (0.53)	0.0280 (0.71)	1.22	18	Not for use with power injectors	20/box 80/case
383552	Blue	22	1.00/ 25	0.0265 (0.67)	0.0355 (0.90)	1.22	33	3.0	20/box 80/case
383553	Blue	22	1.75/ 45	0.0265 (0.67)	0.0355 (0.90)	1.22	30	3.0	20/box 80/case
383556	Pink	20	1.00/ 25	0.0325 (0.83)	0.0435 (1.10)	1.65	61	4.0–5.5	20/box 80/case
383557	Pink	20	1.25/ 32	0.0325 (0.83)	0.0435 (1.10)	1.65	58	4.0–5.5	20/box 80/case
383558	Pink	20	1.75/ 45	0.0325 (0.83)	0.0435 (1.10)	1.65	51	4.0–5.5	20/box 80/case
383559	Green	18	1.25/ 32	0.0385 (0.98)	0.0515 (1.31)	1.65	84	4.0–7.0	20/box 80/case
383560	Green	18	1.75/ 45	0.0385 (0.98)	0.0515 (1.31)	1.65	79	4.0–7.0	20/box 80/case

*22–18 G BD Nexiva™ Catheter System – Single Port with BD MaxZero™ Needle-free Connectors attached are suitable for use with power injection.

BD Nexiva™ Closed IV Catheter System – Dual Port with BD MaxZero™ Needle-free Connectors

Catalog no.	Color	Gauge	Catheter length (in)/(mm)	Catheter ID in (mm)	Catheter OD in (mm)	Extension tube ID (mm)	Gravity flow Rate (mL/min)	Maximum power injector flow rate at 300 PSI (mL/sec)*	Packaging
383571	Yellow	24	0.75/ 19	0.0210 (0.53)	0.0280 (0.71)	1.22	18	Not for use with power injectors	20/box 80/case
383572	Blue	22	1.00/ 25	0.0265 (0.67)	0.0355 (0.90)	1.22	33	3.0	20/box 80/case
383573	Blue	22	1.75/ 45	0.0265 (0.67)	0.0355 (0.90)	1.22	30	3.0	20/box 80/case
383576	Pink	20	1.00/ 25	0.0325 (0.83)	0.0435 (1.10)	1.65	61	4.0–5.5	20/box 80/case
383577	Pink	20	1.25/ 32	0.0325 (0.83)	0.0435 (1.10)	1.65	58	4.0–5.5	20/box 80/case
383578	Pink	20	1.75/ 45	0.0325 (0.83)	0.0435 (1.10)	1.65	51	4.0–5.5	20/box 80/case
383579	Green	18	1.25/ 32	0.0385 (0.98)	0.0515 (1.31)	1.65	84	4.0–7.0	20/box 80/case
383580	Green	18	1.75/ 45	0.0385 (0.98)	0.0515 (1.31)	1.65	79	4.0–7.0	20/box 80/case

*22–18 G BD Nexiva™ Catheter System – Dual Port with BD MaxZero™ Needle-free Connectors attached are suitable for use with power injection.

References

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