



Driven by safety,
data and you

B. Braun IV Therapy

B | BRAUN
SHARING EXPERTISE



PROVIDERS ARE OUR PURPOSE

B. Braun is a leader in smart infusion therapy and safe and effective pharmacy products, patient and provider safety, and sustainable health solutions.

We're committed to helping providers like you continuously improve patient satisfaction and outcomes. With vascular access products and IV systems and solutions designed to help you focus on what matters most—your patients—B. Braun is uniquely positioned to help your facility succeed now and in the future.

WHY B. BRAUN IV THERAPY

Empowering providers to continuously improve patient satisfaction and outcomes.



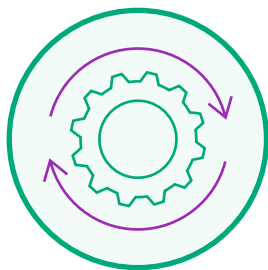
PARTNER

Helping you increase safety at the point of care



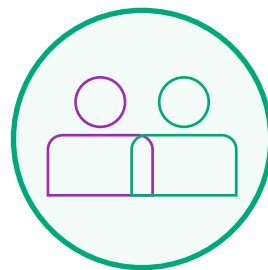
PROCESS IMPROVEMENT

Driving measurable outcomes through data and innovation



EFFICIENCY

Improving efficiencies from IV container to patient



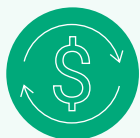
ACCOUNTABILITY

An accountable partner dedicated to your success



HELPING YOU INCREASE SAFETY AT THE POINT OF CARE

At B. Braun, we've long been a leader in providing safe and effective vascular access products and solutions to hospitals and health systems around the world—offering a complete IV Therapy portfolio that's designed to improve safety for providers and patients.



Investing in safer IV therapy solutions

B. Braun has invested over \$1B in IV Therapy and other critical healthcare manufacturing.

OVER \$1 BILLION INVESTED

and now producing solutions
on both coasts



Not made with PVC or DEHP

B. Braun was the first company to recognize the risks posed to patients by medical products containing polyvinyl chloride (PVC) and diethylhexyl phthalate (DEHP) more than four decades ago. DEHP is an endocrine-disrupting compound that has been shown to be harmful to pregnant and lactating women, neonates and pediatric patients (particularly males) and patients undergoing chemotherapy. By choosing products not made with DEHP, you can help eliminate potential toxic chemicals that could affect your patients, your staff and the environment.

B. Braun is the only supplier offering
a full line of IV solution and irrigation containers not made with PVC or DEHP



First robust portfolio of IV sets
not made with PVC or DEHP

Including IV administration, secondary,
extension and specialty IV sets.



Protection against needlestick injuries

Needlestick injuries are one of the highest risks clinicians face.

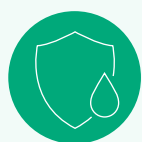
Our needleless connectors and IV catheters are designed to make access easy while preventing accidental needlestick injuries and reducing the risk of bloodborne pathogen exposure.

Safety happens automatically, thanks to B. Braun's family of passive safety IV catheters, which helps your health system:

- **Meet the INS Standards of Practice¹**
- **Comply with OSHA requirements** for needlestick prevention
- **Encourage best practices** by preventing needle reinsertion once the safety feature is activated
- **Provide healthcare worker safety** with passive needlestick prevention with no extra steps

Fully automatic passive safety devices are proven to prevent needlestick injuries:

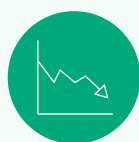
- **2x better** than a semi-automatic "push button" safety shield²
- **3x better** than a manually sliding shield²



Reduce exposure to bloodborne pathogens

The use of blood control IV catheters reduces a clinician's risk to blood exposure, also reducing the need for additional cleanup time and materials.³

As the leader in passive safety peripheral intravenous catheters (PIVCs), with the Introcan Safety® family, we offer a portfolio of single- and multi-blood control passive safety catheters to meet your unique needs.



Reduce complications and delays

Blood reflux can lead to IV therapy complications such as occlusions, catheter restarts and central-line associated bloodstream infections (CLABSI).⁴

The Nexus TKO® connector offered by B. Braun is proven to reduce central line occlusions by up to 85%.⁵

In addition, our Introcan Safety Deep Access longer-length peripheral catheters help reduce the risk of catheter failure and complications associated with accessing deeper veins.

Introcan Safety Deep Access was shown to have significant increase in
catheter survival of 44 hours (1.8 days)⁶

Our Klik-FIX® devices are made with a cushioning foam base designed to maximize patient comfort and help reduce the risk of pressure injuries.





DRIVING MEASURABLE OUTCOMES THROUGH DATA AND INNOVATION

We leverage real-time data, powerful insights and analytics to help your teams embed continuous process improvement across your health system—improving patient outcomes and measurably elevating the standard of care.



Benefit from data-driven PIVC care that works

The **Peripheral Advantage® Program** is a complete data-driven program designed to deliver safe and consistent peripheral IV catheter care. It's a proven program to give nurses the tools and training they need to confidently deliver a better patient experience—leveraging real data to help:

Improve first-stick success by nearly **14%***

Lengthen PIVC dwell times to **4.76 DAYS***

Increase patient satisfaction by more than **10%***

Address the estimated **\$1.9M PER YEAR** associated with BSIs related to PIVCs⁷

*These are the results of FirstHealth of the Carolinas. Results and clinical experiences may vary by institution.



Increase first-stick success

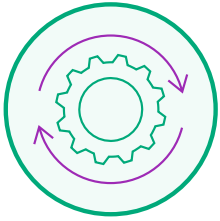
The experience of receiving an IV is not the same for all patients, and B. Braun is committed to improving health equity in vascular access. VeinViewer® has been proven to:

Increase **first-stick** success in difficult-to-access veins⁸

Reduce PICC lines placed by **30%⁹** due to difficult venous access

Increase patient satisfaction by **100%¹⁰**

VeinViewer photo credit: Christie Medical Holdings, Inc.



IMPROVING EFFICIENCIES FROM IV CONTAINER TO PATIENT

Our comprehensive portfolio of IV therapy products, solutions and services can help streamline your health system—allowing you to meet and manage your IV container-to-patient needs through a single supplier. All while helping to ensure operational efficiencies, long-term savings and supply reliability.



More reliable supply

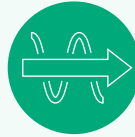
We maintain a secure and reliable supply chain, backed by U.S. manufacturing, to help ensure doctors, nurses and their staff have what they need to take care of their patients—at the moment the patient needs it.



Help reduce hospital system cost

Nexus TKO® is designed to reduce occlusions and the high cost of tPA, heparin and catheter replacements.⁵ It can help:

- **Decrease** preventable catheter occlusions and CLABSIs, which cause delays in treatment⁵
- Substantially **reduce the cost** of tPA (Cathflo®) and heparin⁵
- **Reduce** nursing time⁵



Streamlined workflow

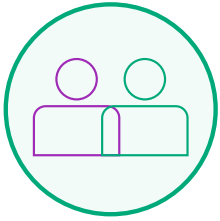
CARESAFE™ IV Administration Set with optional AirStop is designed to streamline workflow so nurses can have peace of mind knowing the line will not run dry and their patient will remain safe.



Improved operational efficiency

Our Introcan Safety® family of passive safety IV catheters is designed to provide safe and efficient IV access and improved operational efficiency.

- **One Portfolio** offers a broad range of gauges, lengths and catheter material for a variety of therapy needs, and is designed to make the transition from one product to the next easy, helping to minimize training and expedite delivery of care.
- **Smaller, lighter components** help your facility cut disposal costs and go easier on the environment by generating less waste.⁷



AN ACCOUNTABLE PARTNER DEDICATED TO YOUR SUCCESS

B. Braun's team of clinical and technical support experts wants to understand your challenges and goals, so we can partner with you to provide programs and services that help improve patient care and reduce healthcare costs.



Hands-on training opportunities

B. Braun provides a defined and proven⁷ training process so customers have the opportunity to learn hands-on during implementation by clinical experts. Multiple learning platform options, from virtual to hands-on, allow customers flexibility, depending on their training needs.



Broad range of expertise

Our teams have extensive expertise in all clinical, hospital, ambulatory and specialty areas including ER, OR, NICU, ICU, Peds, L&D, MS, Trauma and Oncology, so we can provide training to meet your specialty needs.



Strategic partnerships

The Association for Vascular Access (AVA) and B. Braun's educational collaboration is designed to improve the training of new nurses and student nurses on the placement of PIVCs and the importance of first-stick success.



24/7 support

We provide clinical support and medical information 24/7, so we're there when you need us.

- Access to 70 clinical support experts before, during and after implementation.
- Dedicated support staff ensures better, more consistent results.
- For on-demand training, visit www.bbrauneuniversity.com.



Ready to partner with us?

Contact your B. Braun representative
or visit www.bbraunusa.com/ivtherapy
for more information.

¹ Gorski LA, Hadaway L, Hagle ME, et al., eds. *Infusion Therapy Standards of Practice*. 8th ed. Infusion Nurses Society; 2021. ² Tosini W, Ciotti C, Goyer F, et al. Needlestick injury rates according to different types of safety-engineered devices: results of a French multicenter study. *Infect Control Hosp Epidemiol*. 2010;31(4):402-407. doi:10.1086/651301 PMID: 20175681 ³ Richardson D, Kaufman L. Reducing blood exposure risks and costs associated with SPIVC insertion. *Nurs Manage*. 2011Dec;42(12):31-34. doi:10.1097/01.NUMA.0000407577.64066.4b PMID: 22124297 ⁴ Hull GJ, Moureau NL, Sengupta S. Quantitative assessment of catheter reflux in commercially available needle-free IV connectors. *J Vasc Access*. 2018;19(1):12-22. doi:10.5301/jva.5000781 PMID: 29218697 ⁵ Mitch S, Brandmeyer B. White paper on PICC and midline catheter occlusion rates: a prospective study comparing the interlink split septum device versus Nexus TKO split septum pressure activated anti-reflux valve. July 2007. Accessed November 18, 2022. <https://nexusmedical.com/wp-content/uploads/2021/04/nexus-medical-whitepaper-27-mitch-brandmeyerprospective-study-comparing-the-interlink-split-septum-versus-nexustko-split-septum-2007.pdf> ⁶ Bahl A, Hijazi M, Chen NW, Lachapelle-Clavette L, Price J. Ultralong versus standard long peripheral intravenous catheters: a randomized controlled trial of ultrasonographically guided catheter survival. *Ann Emerg Med*. 2020;76(2):134-142. doi:10.1016/j.annemergmed.2019.11.013 PMID: 31955940 ⁷ B. Braun Data on File. ⁸ Christie Medical Holdings. Innovation in vascular access: near-infrared technology revolutionizes visualization of blood vessels. 2016. Accessed November 18, 2022. <https://veinviewer.com.br/upload/Near-Infrared-Technology-Revolutionizes-Visualization-of-Blood-Vessels.pdf> ⁹ Christie Medical Holdings clinical study: VeinViewer study shows greater than 30 percent reduction in medically unnecessary PICC placements. News release. Christie Medical Holdings. 2013. Accessed December 9, 2022. <https://christiemed.com/about-us/newsroom/press-releases-2/> ¹⁰ VeinViewer® by Christie Data Trial: SSM Cardinal Glennon Children's Hospital. 2015. Accessed December 9, 2022. <https://christiemed.com/wp-content/uploads/2019/09/Cardinal-Glennon-Childrens-Medical-Center.pdf>