

Easypump® II ST/LT

Infusion therapy made easy



Even in difficult times, we make it easy for you.

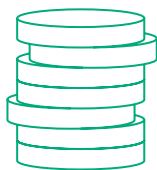
Infusion therapy can become complicated and stressful. The need of setting and programming the infusion, the dependency on a power source, alarms that go on, mobility hindrance.



Hospital settings

So many factors to consider, increasing work pressure. Hospital settings are equipped for handling these situations, but what if it could be made easier?

Easypump® II ST/LT provides an easier way¹, for health care professionals, hospitals and patients.



Economical savings

Studies show that Hospitals benefit from important economical savings when using elastomeric infusion pumps for infusion therapy.

Easypump® II ST/LT, infusion therapy made easy.

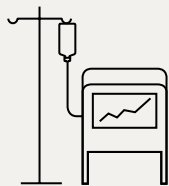
By using Easypump® II ST/LT for infusion therapy, health care workers can conveniently shift in-hospital medical therapy to outpatient care⁴.

In this way, patients benefit from rapid mobilization and a quicker return to their familiar home environment⁵. As shown in scientific publications, patients receiving therapy with elastomeric infusion pumps report high satisfaction^{6,7}.



78 %

Economical savings²
derived from bed-day



24,6 %

Economical savings³
(excluding drug costs)



78 %

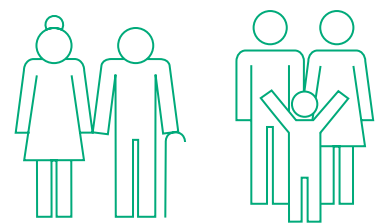
Reduction of chair time³

The use of an elastomeric pump in an oncology day care unit translates into time savings, freeing up time for patient care.



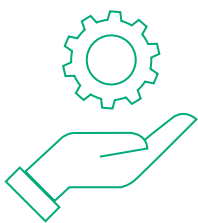
Easypump® II ST/LT, infusion therapy made easy.

Easypump® II ST/LT allows for continuous and accurate, flexible⁸ infusion therapy for a wide range of patients, drug administration routes and indications, facilitating **outpatient home therapy** providing **mobility** and improving quality of life.



Patient range

Adults and pediatric patients from 3,5 kg upward, can benefit from home therapies and even remain mobile in hospital with Easypump® II ST/LT.



Administration routes

Six different administration routes can be used with Easypump® II ST/LT, providing flexibility for different treatment requirements.

- Intravenous
- Subcutaneous
- Percutaneous
- Epidural
- Perineural
- Intraoperative sites



Therapies

The most common therapies in which Easypump® II ST/LT can be used include **antibiotic, chemotherapy, anesthesia, wound infusion, hydration and pain management.**



55 %

Reduction of nurse time³

The use of an elastomeric pump in an oncology day care unit translates into time savings, freeing up time for patient care.

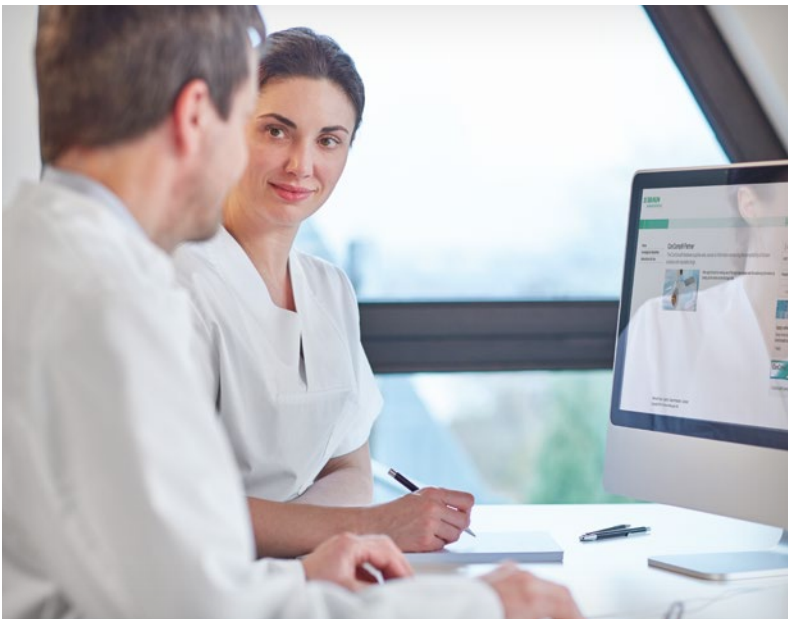
Easypump® II ST/LT is

- Flexible:** Ideal for infusion therapy in hospital, ambulatory and home settings.
- Adaptable:** Soft-shell design allows overfill and underfill while maintaining flow accuracy.
- Simple:** No programming or power source needed.
- Portable:** Compact and lightweight for easy mobility.
- Reliable:** Backed by certified independent lab tests with compatibility data for over 90 drugs.



Easypump® II ST/LT has demonstrated in a test with an independent Laboratory to meet the 2024 NIOSH definition of a closed system* over a 30-day test period, supporting its suitability for safe handling of infusion therapies.

NIOSH Closed System Definition: "A device that does not exchange unfiltered air or contaminants with the adjacent environment."⁹



For our customers we provide an additional service with our B.Comp digital compatibility database, where stability data from 20 different drug categories are complied.

The B.Comp database, enables easy access and filtering of compatibility data for Easypump® II ST/LT, materials and IV solutions, while allowing the download of certified laboratory summary test reports for further information.

Easypump® II ST/LT, infusion therapy made easy.

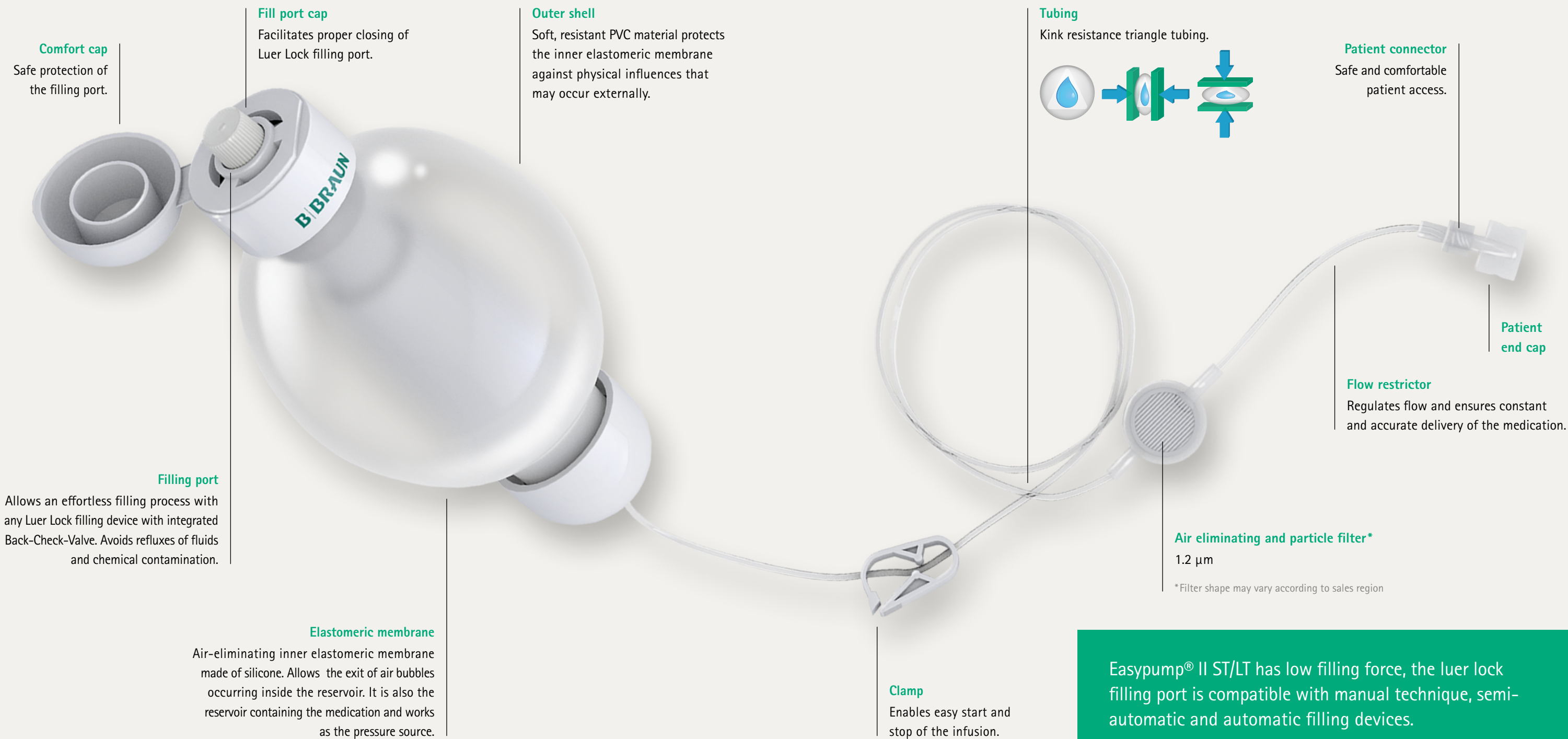
Technical information



Not manufactured
with DEHP and latex



MR safe



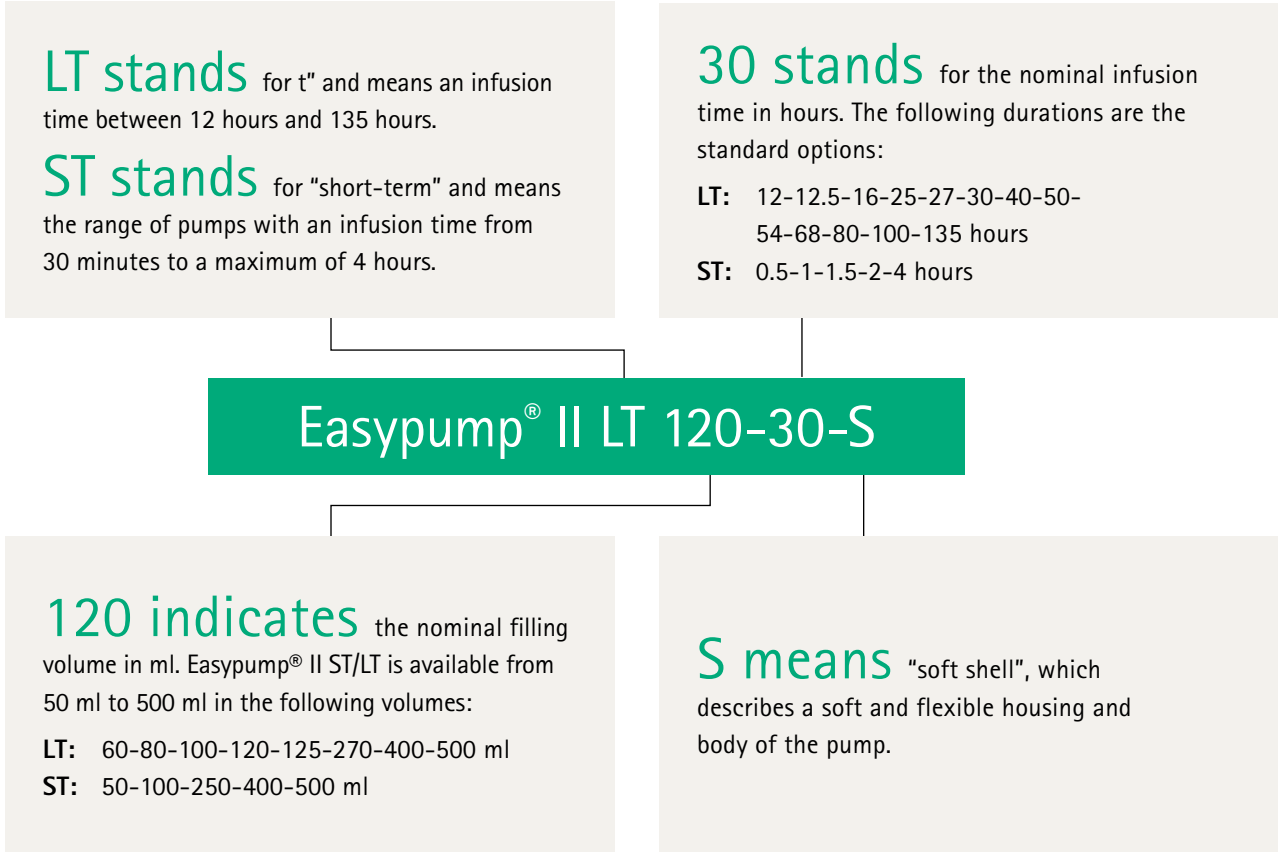
Easypump® II ST/LT has low filling force, the luer lock filling port is compatible with manual technique, semi-automatic and automatic filling devices.

- Easypump® II ST/LT can be stored for maximum of 30 days:
- At room temperature protected from direct light source
 - In the refrigerator or freezer (please refer to IFU for more details).

Easypump® II ST/LT, infusion therapy made easy.

Technical information

Easypump® II ST/LT is available in a broad range of versions. Its clear coding system makes it easy to identify the version that best suits your needs.



Complementary products

Carry Pouches	Description	Units	Code no. (REF)
Large	Comfortable transportation of large- and extra large-sized articles	1	4434455
Small	Comfortable transportation of small- and medium-sized articles		4434447
Insulated	Comfortable transportation of large- and extra large-sized articles which require a certain amount of temperature control		4438102

Multi-Ad® Transfer Set	Description	Length	Units per box	Code no. (REF)
	Sterile transfer set for drug preparation with universal piercing spike and dual check valve	109.2 cm	20	513548



Overfill and underfill:

The type of drug (e.g. toxicity) often requires a flow rate dosage calculation made in terms of body weight or –surface area, which may lead to an infusion volume which **does not exist in a standard pump**. Such therapy requirements may indicate the use of a Easypump® II ST/LT with a nonstandard volume.

Easypump® II ST/LT is very solid and tolerates **over- and underfill** above or below the nominal filling volume. There is a **wide range of fluid volumes** where Easypump® II ST/LT **remains within the flow rate accuracy**. To ensure maximum accuracy within product specification we recommend filling within this range. Please refer to the Overfill and Underfill Table (included in the IFU).

Retained volume:

Maximum retained volume or priming volume, is the fluid volume that remains inside the Easypump® II ST/LT (inner cylinder, cap, tubing, filter etc.) when the pressure of the elastomeric membrane is gone. This volume ranges from ≤ 2 ml up to ≤ 10 ml depending on the size of the pump (please refer to the IFU for exact data per pump).

Easypump® II ST/LT Portofolio

Long-term infusion		Filling volume and delivery time						Code no. (REF) *
Description	Color code & flow fete (ml / h)	Nominal filling ml	h	Minimum filling ml	h	Maximum filling ml	h	
Easypump® II LT 60-12-S		60	12	30	6	65	13	4540002
Easypump® II LT 500-12.5-S		500	13	240	6	560	14	4540003
Easypump® II LT 80-16-S		80	16	50	10	125	25	4540004
Easypump® II LT 500-24-S		500	24	240	11	560	27	4540005
Easypump® II LT 125-25-S		125	25	60	12	125	25	4540006
Easypump® II LT 250-12-S		250	12	135	6	335	16	4540007
Easypump® II LT 270-27-S		270	27	120	12	335	34	4540008
Easypump® II LT 60-30-S		60	30	30	15	65	33	4540010
Easypump® II LT 120-30-S		120	30	60	15	125	31	4540012
Easypump® II LT 400-40-S		400	40	240	24	560	56	4540014
Easypump® II LT 100-50-S		100	50	50	25	125	63	4540016
Easypump® II LT 270-54-S		270	54	135	27	335	67	4540018
Easypump® II LT 400-80-S		400	80	240	48	560	112	4540022
Easypump® II LT 270-68-S		270	68	135	34	335	84	4540026
Easypump® II LT 400-100-S		400	100	240	60	560	140	4540028
Easypump® II LT 270-135-S		270	135	135	68	335	168	4540032

Short-term infusion		Filling volume and delivery time						Code no. (REF) *
Description	Color code & flow rate (ml / h)	Nominal filling ml	min	Minimum filling ml	min	Maximum filling ml	min	
Easypump® II ST 100-0.5-S		100	30	50	15	125	38	4540040
Easypump® II ST 250-0.5-S		250	30	125	15	295	35	4540042
Easypump® II ST 50-1-S		50	60	30	36	65	78	4540044
Easypump® II ST 100-1-S		100	60	50	30	125	75	4540046
Easypump® II ST 250-1-S		250	60	135	32	335	80	4540048
Easypump® II ST 250-1.4-S		250	86	135	46	335	115	4540050
Easypump® II ST 400-2-S		400	120	240	72	560	168	4540052
Easypump® II ST 500-2-S		500	120	240	58	560	134	4540054
Easypump® II ST 100-2-S		100	120	50	60	125	150	4540056
Easypump® II ST 400-4-S		400	240	240	144	560	336	4540058

* suffix of article code may vary according to sales region:

Article code suffix -02 = US/CA

Article code suffix -07 = LATAM/EU

Article code suffix -20 = CIS

Article code w/o suffix = AP

All Easypump® II ST/LT versions are provided in boxes of 10 units.

Literature

1. Skryabina E. A. et al. Disposable infusion pumps. Am J Health Syst Pharm 2006; 63: 1260–1268.
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3. Zietse M, Malmberg R, van Leeuwen RWF, Thielen FW, Uyl-de Groot CA. The administration of immune checkpoint inhibitors via an elastomeric pump versus conventional intravenous infusion: an economic perspective. BMC Health Serv Res. 2024;24(1):1–10.
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5. Dowling R, Thielmeier K, Ghaly A, Barber D, Boice T, Dine A. Improved pain control after cardiac surgery: results of a randomized, double-blind, clinical trial. J Thorac Cardiovasc Surg. 2003;126(5):1271–8
6. Saillen L, Arensdorff L, Moulin E, Voumard R, Cochet C, Boillat-Blanco N, et al. Patient satisfaction in an outpatient parenteral antimicrobial therapy (OPAT) unit practising predominantly self-administration of antibiotics with elastomeric pumps. Eur J Clin Microbiol Infect Dis. 2017;36(8):1387–92.
7. Ganapathy S, Amendola A, Lichfield R, Fowler PJ, Ling E. Elastomeric pumps for ambulatory patient controlled regional analgesia. Can J Anaesth. 2000 Sep;47(9):897–902.
8. Zahnd D. et al. A randomized crossover trial assessing patient preferences for two different types of portable infusion-pump devices. Ann Oncol 1999; 10: 727–729.
9. NIOSH Definition of Closed-System Drug-Transfer Devices. . Available from <https://pmc.ncbi.nlm.nih.gov/articles/PMC2705625/> [Last accessed on 2025 October 7]



Working as a health care professional comes with so many challenges. B. Braun has solutions that can help you to focus on what matters most: More time for patient care. Visit www.bbraun.com/moretime or scan the QR code to find out more.

