



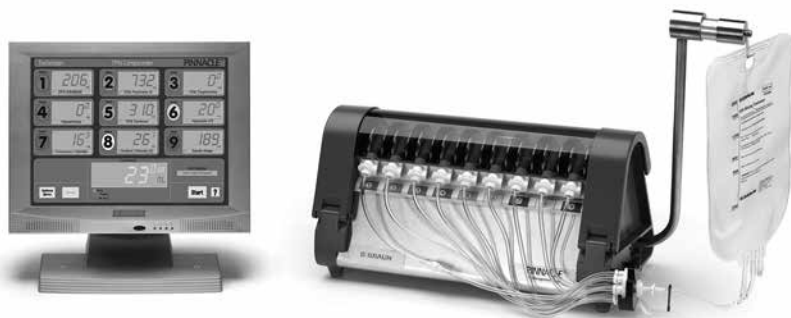
PARENTERAL NUTRITION THERAPY CATALOG

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Description	Product Code	REF Number	Unit Per cs
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PINNACLE® TPN Management System



The PINNACLE TPN Management System streamlines your TPN process for improved safety and efficiency. The PINNACLE TPN Management System uses barcode verification and barcoded patient prescriptions to help reduce medication errors. Also, the Windows® browser-based TPN calculating software includes Trissel's™ Ca/P Check software and provides flexibility for single-, multiple-, and network-user access and internet capability.

PC 1000	PC1000	1
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PINNACLE TPN Management System Transfer Sets and Accessories

Universal Transfer Sets

9-Lead Transfer Set	PV900	2112342	10
6-Lead Transfer Set	PV600	2112341	10
Vented Micro Spike Adapter	418121	418121	50
Tamper-Resistant Clamps for TPN Bags 1 Liter or larger	2112397	2112397	500
Tamper-Resistant Clamps for TPN Bags smaller than 1 Liter	2112432	2112432	500
LCD Wall Mount	126909	126909	1
LCD Swing Arm Mount	401539	401539	1
Dual Chamber Bag Filling Set	2112415	2112415	25
TPN Bag Stand Holder	435251	435251	1
High Flow Y Adaptor Set	2112431	2112431	20

Description	Size (mL)	Container Type	Product Code	REF Number	Unit Per cs
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3-in-1 Mixing Containers, EVA Formulation

TPN Bag with PINNACLE Compounder Compatible Connector	4000	EVA*	CP4000	2112351	20
	3000	EVA	CP3000	2112350	40
	2000	EVA	CP2000	2112349	40
	1000	EVA	CP1000	2112348	40
	500	EVA	CP0500	2112347	25
	250	EVA	CP0250	2112346	25

Dual Chamber Mixing Containers, EVA Formulation

TPN Bag with PINNACLE Compounder Compatible Connector	1500 (1250+250)	EVA*	2112406	2112406	28
	3000 (2500+500)	EVA	2112407	2112407	28
	4000 (3500+500)	EVA	2112408	2112408	28

EVA is a PVC-free, DEHP-free plastic film
Windows is a registered trademark of Microsoft Corporation. Trissel's is a trademark of Lawrence A. Trissel

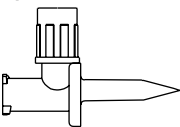



Description	Product Code	REF Number	Unit Per cs
APEX® Compounding System			
When a life depends on less than a milliliter of a medication, there's no room for human error. B. Braun designed the APEX Compounding System with your most critical patients and your most critical needs in mind. Speed and accuracy, ease of use and efficiency, macro and micro—for the first time, you have a choice. Elevate your compounding with APEX.	AX1000	AX1000	1

APEX Compounding System Final Containers

250mL Single Chamber Final Container	2112528	2112528	40
500mL Single Chamber Final Container	2112529	2112529	40
1000mL Single Chamber Final Container	2112530	2112530	40
2000mL Single Chamber Final Container	2112531	2112531	40
3000mL Single Chamber Final Container	2112532	2112532	25
4000mL Single Chamber Final Container	2112533	2112533	25
1500mL Dual Chamber Final Container	2112534	2112534	42
3000mL Dual Chamber Final Container	2112535	2112535	42
4000mL Dual Chamber Final Container	2112536	2112536	42
2000mL Calibration Final Container	2112537	2112537	50

APEX Compounding System Transfer Set and Accessories

26-Lead Transfer Set	2112550	2112550	4
Spikes			
			
MINI-SPIKE IV Additive Dispensing Pin – for preparing and dispensing diluent or additive from multi-dose rubber-stoppered vials. Utilizes a bacterial retentive air-venting filter. Proximal luer lock connector.	DP1000	412012	50
Universal Spike - Single	2112541	2112541	100
Universal Spike - 5 pack	2112540	2112540	200
			
Fluid Dispensing Connector	FDC2000	415080	100

Prontosan® Wound Irrigation Solution and Wound Gel



Prontosan from B. Braun because . . . Only a Clean Wound Can Heal



Wound bed preparation remains a fundamental, yet critical, aspect of wound management . . .

- A unique surface active wound cleanser setting a NEW STANDARD to help reduce necrotic burden, control exudate and remove foreign materials that impede healing
- **Prontosan Wound Irrigation Solution** and **Prontosan Wound Gel** may be used together or independently
- Two effective ingredients combined to maximize cleansing power: PHMB and Betaine
 - **PHMB (Polyhexanide)** functions as an antimicrobial preservative (also found in contact lens solution) that inhibits the growth of microorganisms within the product
 - **Betaine (Surfactant)** is a surface-active cleanser that provides immediate debridement
- Applied directly from the 350 mL bottle providing selective mechanical debridement at 7 PSI
- Easy to use – no further preparation required
- Apply at every dressing change, or per your facility's protocol
- Economical 4 week shelf life after opening. 8 week shelf life for Wound Gel X after opening.

Description	REF Number	Unit Per cs
Prontosan Wound Irrigation Solution		
350 mL bottle	400441	10
40 mL Ampoule (20 boxes of six each)	400440	120
Prontosan Wound Gel		
30 mL bottle	400560	20
Prontosan Wound Gel X		
250g tube	400518	10

Learn more. Watch educational video. Request a sample. Visit our website at www.ProntosanWoundCare.com or contact Clinical/Technical Support at 1-800-854-6851

Space Infusion Pumps

Description	Product Code	Unit Per cs
Infusomat® Space 2nd Generation Large Volume Pump		
	<p>The Infusomat Space (2nd generation) large volume infusion pump is designed for acute care adult and pediatric facilities. Key features include: wireless integration for complete interoperability; KeyGuard non-numeric keypad eliminates zero vs. decimal errors; versatile, compact design: vertical stacking saves space; and an intuitive user interface on all Space Pumps reduces training required by staff.</p>	
Wireless	8713051U	1
Non-wireless	8713052U	1
Perfusor® Space Syringe Pump		
	<p>The Perfusor Space syringe pump remains a leader in delivering safe and accurate infusions through its advanced safety technology. It packs state-of-the-art versatility that promotes efficiencies for OR/Anesthesia, NICU, PICU, Oncology, ICU, CCU and Emergency Departments. Key features: KeyGuard non-numeric keypad eliminates zero vs. decimal errors; compact design; vertical stacking saves space, post-occlusion bolus reduction software; and automatic drive technology to ensure accuracy and safety.</p>	
	8713030U	1

Introcan Safety® 3 Closed IV Catheters

Introcan Safety® IV Catheters

Size	Catheter Length	Catheter Material	Straight or Wing	REF Number	Units Per cs
24G	0.55 inch	PUR (polyurethane)	S	4251611-02*	200
24G	0.55 inch	PUR	W	4253511-02*	200
22G	1 inch	PUR	S	4251628-02	200
22G	1 inch	PUR	W	4253540-02	200
20G	1 inch	PUR	S	4251652-02	200
20G	1 inch	PUR	W	4253574-02	200
20G	1¼ inch	PUR	S	4251644-02	200
20G	1¼ inch	PUR	W	4253566-02	200
18G	1¼ inch	PUR	S	4251687-02	200
18G	1¼ inch	PUR	W	4253604-02	200
18G	1¾ inch	PUR	S	4251679-02	200
18G	1¾ inch	PUR	W	4253590-02	200
16G	1¼ inch	PUR	S	4251709-02	200
16G	2 inches	PUR	S	4251695-02	200
16G	2 inches	PUR	W	4253612-02	200
14G	2 inches	PUR	S	4251717-02	200
14G	2 inches	PUR	W	4253639-02	200
24G	0.55 inch	FEP	S	4252511-02*	200
24G	0.55 inch	FEP	W	4254512-02*	200
22G	1 inch	FEP	S	4252519-02	200
22G	1 inch	FEP	W	4254511-02	200
22G	1¾ inch	FEP	S	4252520-02	200
20G	1 inch	FEP	S	4252543-02	200
20G	1 inch	FEP	W	4254546-02	200
20G	1¼ inch	FEP	S	4252535-02	200
20G	1¼ inch	FEP	W	4254538-02	200
20G	1¾ inch	FEP	S	4252527-02	200



18G	1¼ inch	FEP	S	4252560-02	200
18G	1¼ inch	FEP	W	4254562-02	200
18G	1¾ inch	FEP	S	4252551-02	200
18G	2½ inch	FEP	S	4252561-02	200
16G	1¼ inch	FEP	S	4252586-02	200
16G	2 inches	FEP	S	4252578-02	200
16G	2 inches	FEP	W	4254570-02	200
14G	1¼ inch	FEP	S	4251890-02	200
14G	2 inches	FEP	S	4252594-02	200
14G	2 inches	FEP	W	4254597-02	200

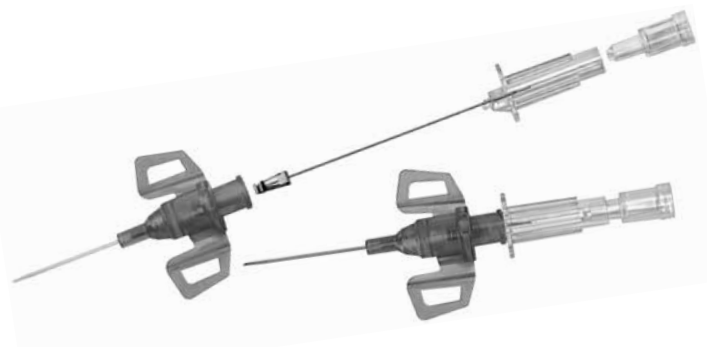
Introcan Safety Thin Wall IV Catheters

24G	0.55 inch	PUR	W	4251614-02	200
24G	0.55 inch	PUR	S	4251607-02	200
24G	¾ inch	PUR	S	4251601-02	200
24G	¾ inch	PUR	W	4253523-02	200
24G	0.55 inch	FEP	W	4251609-02	200
24G	0.55 inch	FEP	S	4251612-02	200
24G	¾ inch	FEP	S	4252500-02	200
24G	¾ inch	FEP	W	4254503-02	200

* Notched needle

Introcan Safety® 3 Closed IV Catheters

Size	Catheter Length	Catheter Material	Straight or Wing	REF Number	Units Per cs
24G	0.75 inch	PUR (polyurethane)	W	4251127-02	200
22G	1 inch	PUR	W	4251128-02	200
20G	1 inch	PUR	W	4251129-02	200
20G	1.25 inch	PUR	W	4251130-02	200
18G	1.25 inch	PUR	W	4251131-02	200
18G	1.75 inch	PUR	W	4251132-02	200
20G	2 inch	PUR	W	4251137-02	200



Ster-ASSIST™ STERILE PERIPHERAL IV CATHETER INSERTION KITS

Introcan Safety® IV Catheter	Extension Set with Needleless Valve	REF Number	Units Per cs
20 Ga. x 1.75 in., Straight, FEP. Qty. 2	CARESITE® Smallbore Extension Set with bonded CARESITE Luer Access Device, Spin-Lock® connector and removable slide clamp, 8 in. (20cm). For use with power injector	375500	10
20 Ga. x 1.75 in., Straight, FEP. Qty. 2	CARESITE Extension Set with bonded CARESITE Luer Access Device, Spin-Lock connector, 8 in. (20cm). For use with power injector	375502	10
22 Ga. x 1.75 in., Straight, FEP. Qty. 2	CARESITE Smallbore Extension Set with bonded CARESITE Luer Access Device, Spin-Lock connector and removable slide clamp, 8 in. (20cm). For use with power injector	375504	10
22 Ga. x 1.75 in., Straight, FEP. Qty. 2	CARESITE Extension Set with bonded CARESITE Luer Access Device, Spin-Lock connector, 8 in. (20cm). For use with power injector	375506	10
18 Ga. x 2.5 in., Straight, FEP. Qty. 2	CARESITE Smallbore Extension Set with bonded CARESITE Luer Access Device, Spin-Lock connector and removable slide clamp, 8 in. (20cm). For use with power injector	375508	10
18 Ga. x 2.5 in., Straight, FEP. Qty. 2	CARESITE Extension Set with bonded CARESITE Luer Access Device, Spin-Lock connector, 8 in. (20cm). For use with power injector	375510	10

All kits contain the following components:

Assessment Pack - Sterile	Qty
4 in. x 4 in. Gauze Sponges (4)	1
Paper Ruler 6 in. (15cm)	1
Skin Marker	1
Tourniquet (latex free, blue, 1" x 18")	1
Chloraprep® 3 mL applicator	1

Procedure Tray - Sterile	Qty
Fenestrated Drape with Peel Patch	1
5 mL Ampul Lidocaine HCl Inj., USP (10 mg/mL)	1
Ampul Breaker	2
3 mL Plastic Luer Lock Syringe	1
FILTER STRAW®, 5 µ ampule filter	2
25 Ga. x 1 in. (3cm) SafetyGlide™ Needle	1
10 mL Ampul 0.9% Sodium Chloride Inj., USP (9 mg/mL)	1
5 mL Plastic Luer Lock Syringe	1
Lidocaine/Sodium Chloride Drug Identification Label	1
CIV-Flex™ Transducer Cover and Ultrasound Gel	1
4 in. x 4 in. Gauze Sponges (4)	1
Skin Protectant Prep Pad	1
3M Tegaderm® I.V. Advanced Securement Dressing 1683	1
1 in. x 24 in. Transpore® Tape	1
Patient identification label	1

Parenteral Nutrition

Our wide selection of amino acid formulations, dextrose, sterile water for injection, lipids and related additives allow clinicians to confidently prescribe appropriate nutritional support for patients' individualized needs.

Description	Product Code	REF Number	Unit Per cs
Standard Amino Acid Injections			
10% FreAmine® III Amino Acid Injection (GLASS)	S9010-SS	S9010-SS	6
15% Plenamine™ Amino Acid Injection (GLASS)	S3200	S3200	6
Specialty Amino Acid Injections			
TrophAmine® 10% Amino Acid Injection (GLASS)	S9341-SS	S9341-SS	6
TrophAmine 6% Amino Acid Injection (GLASS)	S9361-SS	S9361-SS	12
6.9% FreAmine HBC® Amino Acid Injection (GLASS)	S9350-58SS	S9350-58SS	6
HepatAmine® 8% Amino Acid Injection (GLASS)	S9371-SS	S9371-SS	6
ProcalAmine® 3% Amino Acid and 3% Glycerin Injection with Electrolytes (GLASS)	S9050	S9050	6
5.4% NephraAmine® Essential Amino Acid Injection (GLASS)	S9092-SS	S9092-SS	12
Concentrated Dextrose Injections			
70% Dextrose Injection USP, 2000mL	S8705	S8705	4
Intravenous Fat Emulsions			
Nutrilipid® 20% Intravenous Fat Emulsion, 1000mL	S4600	S4600	8
Nutrilipid 20% Intravenous Fat Emulsion, 500mL	S4601	S4601	12
Nutrilipid 20% Intravenous Fat Emulsion, 250mL	S4603	S4603	12
Sterile Water Injections			
Sterile Water for Injection USP, 2000mL	S8505	S8505	4
Sterile Water for Injection USP, 3000mL	S8506	S8506	4
Parenteral Nutrition Additives			
Concentrated Potassium Chloride Injection USP (2mEq K ⁺ /mL), 250mL, (GLASS)	S9402-11	S9402-11	12
Hyperlyte® CR Multi-Electrolyte Concentrate, 250mL, (GLASS)	S9432	S9432	12



CAPS® Central Admixture Pharmacy Services, Inc.

Central Admixture Pharmacy Services, Inc. (CAPS) is a pioneer in the outsourcing of compounded sterile preparations. Founded in 1991, CAPS is one of the nation's largest network of outsourcing admixture pharmacies. As a market leader in the compounding of Parenteral Nutrition, CAPS continues to be a front-runner in addressing patient safety by using a unique dual business model designed to meet customer needs in the face of new federal regulations and increasing quality control expectations. With two 503B-registered facilities and 22 regional 503A pharmacies, CAPS offers the convenience of both anticipatory and customized compounding for customers nationwide. And with CAPSLink™ online ordering, customers can order via the web with built in safety checks throughout the ordering process.

CAPS offers 22 regional **503A** pharmacies registered to dispense your customized, patient-specific CSPs.

Parenteral Nutrition (PN) Chemotherapy Patient-Specific Drug Doses (IVPB, Syringes, Devices, CRRT)

- Follows quality standards for USP <797>
- Customized services with local delivery for patient-specific needs
- Patient-specific labels with barcoding, ISMP-safe labeling features
- Easy online ordering with CAPSlink
- Over two decades of experience
- Delivering solutions every day

CAPS offers two **503B** outsourcing facilities registered with the FDA to meet your non-patient-specific CSP needs.

Drug Delivery Anesthesia Syringes Controlled Substances Cardioplegia Neonatal PN Starter Bags

- Providing industry leading CSP release testing
- Standardized dosing ready when you are
- 503B label standards with barcoding, ISMP-safe labeling features
- Easy online ordering with CAPSlink
- Transparent reporting on quality and customer service
- Delivering confidence every day

CAPS ConsultingSM

With 25 years of active pharmacy and clean room experience, CAPS compounding experts are prepared to help pharmacies navigate the changing regulatory environment. Guided by expertise in USP <797>, the Drug Quality and Security Act and more, CAPS Consulting offers analysis of your processes, along with PN and customized training and education to help ensure your program maintains compliance. Specifically, our on-site analysis examining compounding, dispensing, clean room processes, testing and monitoring, media fills, and training with a focus on USP <797> and the newly published USP<800> standards.



Electrolyte Concentration Chart

Product Code	Description	Milliequivalents per liter*								pH	Calc. Osmolarity mOsmol/L				
		Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	HPO ₄ ²⁻	Acetate	Lactate			Citrate	Glucotatate		
EXCEL®															
L6080-00	3.3% Dextrose and 0.3% NaCl Inj. USP	51				51								4.5 (3.5-6.5)	270
L6081-00	3.3% Dextrose and 0.3% NaCl Inj. USP	51				51								4.5 (3.5-6.5)	270
L6100, 1	5% Dextrose and 0.9% NaCl Inj. USP	154				154								4.4 (3.5-6.5)	560
L6120, 1, 2	5% Dextrose and 0.45% NaCl Inj. USP	77				77								4.4 (3.5-6.5)	405
L6140, 1	5% Dextrose and 0.33% NaCl Inj. USP	56				56								4.4 (3.5-6.5)	365
L6160, 1, 2	5% Dextrose and 0.20% NaCl Inj. USP	34				34								4.4 (3.5-6.5)	320
L6220	10% Dextrose and 0.45% NaCl Inj. USP	77				77								4.3 (3.5-6.5)	660
L6232	10% Dextrose and 0.20% NaCl Inj. USP	34				34								4.3 (3.5-6.5)	575
L6250	0.15% KCl in 5% Dextrose Inj. USP		20					20						4.3 (3.5-6.5)	295
L8650	0.15% KCl in 0.9% NaCl Inj.	154	20					174						5.6 (3.5-6.5)	350
L6520	0.15% KCl in 5% Dextrose and 0.9% NaCl Inj. USP	154	20					174						4.4 (3.5-6.5)	600
L6340	0.075% KCl in 5% Dextrose and 0.45% NaCl Inj. USP	77	10					87						4.4 (3.5-6.5)	425
L6350	0.15% KCl in 5% Dextrose and 0.45% NaCl Inj. USP	77	20					97						4.4 (3.5-6.5)	445
L6360	0.22% KCl in 5% Dextrose and 0.45% NaCl Inj. USP	77	30					107						4.4 (3.5-6.5)	465
L6380	0.30% KCl in 5% Dextrose and 0.45% NaCl Inj. USP	77	40					117						4.4 (3.5-6.5)	490
L6450	0.15% KCl in 5% Dextrose and 0.20% NaCl Inj. USP	34	20					54						4.4 (3.5-6.5)	360
L6550	0.15% KCl in 5% Dextrose and 0.33% NaCl Inj. USP	56	20					76						4.4 (3.5-6.5)	405
L7030	Isolyte® S	140	5		3			98		27				6.7 (6.3-7.3)	295
L7070, 1	Isolyte S pH 7.4	141	5		3			98	1	27				7.4 (7.0-7.8)	295
L7301	Isolyte P with 5% Dextrose	23	20		3			29	3	23				5.0 (4.0-6.0)	340
L6511	HESPAN® (6% hetastarch in 0.9% sodium chloride injection)	154						154						5.9	309

* All values are approximate to reflect slight solution differences between container systems. Consult current product Package Insert.

Electrolyte Concentration Chart

Product Code		Description	Milliequivalents per liter*						pH EXCEL	pH Glass	pH E3®	Calc. Osmolarity mOsmol/L
EXCEL®	Glass		Na ⁺	K ⁺	Ca ⁺⁺	Cl ⁻	HCO ₃ ⁻	Lactate				
L7500, 1, 2		Lactated Ringer's Onjection USP	130	4	3	110		28	6.2 (6.0-7.5)		275	
L7510, 1		5% Dextrose in Lactated Ringer's Injection	130	4	3	112		28	4.6 (4.0-6.0)		530	
L7800		Ringer's Injection USP	147	4	4.5	156			5.8 (5.0-7.5)		310	
L8000, 1, 2	E8000	0.9% Sodium Chloride Injection USP	154			154			5.6 (4.5-7.0)	5.6 (4.5-7.0)	310	
L8020, 1		0.45% Sodium Chloride Injection USP	77			77			5.6 (4.5-7.0)		155	
L8051		3% Sodium Chloride Injection USP (Hypertonic)	513			513			5.8 (4.5-7.0)		1030	
L8061		5% Sodium Chloride Injection USP (Hypertonic)	856			856			5.8 (4.5-7.0)		1710	
	S9402-11	Potassium Chloride Injection USP (per mL) (2 mEq K ⁺ /mL), Concentrated		2		2				4.8 (4.0-8.0)	4000	

* All values are approximate to reflect slight solution differences between container systems. Consult current product Package Insert. EXCEL is not made with natural rubber latex, DEHP or PVC

Electrolyte Concentration Chart

Product Code	Glass	Description	Milliequivalents per liter*										pH	Calc. Osmolarity mOsmol/L	Specific Gravity		
			Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	HPO ₄ ³⁻	Acetate	Lactate	Citrate	Glucotate					
S3200-SS		15% Plenamine™	0	0	0	0	0	0	151	0	0	0	0	0	5.6 (5.2-6.0)	1388	1.049
S9010-SS,		10% FreAmine® III (Amino Acid Injection)	10	<3	<3	<3	<3	20 ^a	89	<3	<3	<3	<3	<3	6.5 (6.0-7.0)	950	1.032
S9050		ProcalAmine® (3% Amino Acid and 3% Glycerin Injection with Electrolytes)	35	24.5	3	5	41	7 ^c	47	41	41	41	41	41	6.8 (6.5-7.0)	735	1.019
S9092-SS		5.4% NephAmine® (Essential Amino Acid Injection)	5	<3	<3	<3	<3	<3	44	<3	<3	<3	<3	<3	6.5 (6.0-7.0)	435	1.015
S9350-58SS		6.9% FreAmine HBC® (Amino Acid Injection)	10	<3	<3	<3	<3	<3	59.3	<3	<3	<3	<3	<3	6.5 (6.0-7.0)	620	1.020
S9361-SS		TrophAmine® (6% Amino Acid Injection)	5	<3	<3	<3	<3	<3	54.4	<3	<3	<3	<3	<3	5.5 (5.0-6.0)	525	1.019
S9341-SS		TrophAmine (10% Amino Acid Injection)	5	<3	<3	<3	<3	<3	97	<3	<3	<3	<3	<3	5.5 (5.0-6.0)	875	1.032
S9371-SS		HepataAmine® (8% Amino Acid Injection)	10	<3	<3	<3	<3	<3	62	<3	<3	<3	<3	<3	6.5 (6.0-6.8)	785	1.026
S9432		Hyperlyte® CR (Multi-Electrolyte Concentrate per 20 mL)	25 ^d	20 ^d	5 ^d	5 ^d	30 ^d	20 ^a	30 ^d	30 ^d	30 ^d	30 ^d	30 ^d	30 ^d	5.2 (5.0-5.4)	5500	1.116
PIC™**		Description	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	HPO ₄ ³⁻	Acetate	Lactate	Citrate	Glucotate		pH	Calc. Osmolarity mOsmol/L		
R5200-00, -1-00, -5-00		0.9% Sodium Chloride Irrigation USP	154				154							5.0 (4.5-7.0)	310		
R5310-01		Ringer's Irrigation USP	147	4	4.5		156							5.8 (5.0-7.5)	310		
R5410-01, 5-01, 7		Lactated Ringer's Irrigation	130	4	3		110		27	28				6.2 (6.0-7.5)	275		
R5510-01		PhysioLyte® (A Physiological Irrigating Solution)	140	5		3	98					23		6.8 (6.3-7.3)	295		

* All values are approximate to reflect slight solution differences between container systems. Consult current product Package Insert.

** PIC is not made with natural rubber latex, DEHP or PVC

a Equivalent to 10 mmole P/Liter; 31 mg % P

b Equivalent to 20 mmole P/Liter

c Equivalent to 3.5 mmole P/Liter

d Equivalent to 20 mmole P/Liter

Trademarks

Trademarks of B. Braun Medical Inc. and its affiliates:

ADD-PRO	CytoGuard	Injekt	SPACE	ULTRABLOCK
Adimea	DoseCom	Physiolyte	SAFEPORT	ULTRAPORT
Apex	DoseGuard	PIC	Ster-ASSIST	ULTRAPORT zerO
AutoCOMPLETE	DoseScan	PinPad	Superset	
B-Smart	EPICAN	QC Tester	Titan XL	
Chemo Dispensing Pin	Flexima	RateGuard	Transofix	
CONTIPLEX	Hyperformer	RED CAP	UniSpike	

Registered trademarks of B. Braun Medical Inc. and its affiliates:

addEASE	Diapact	FreAmine HBC	NephrAmine	PINNACLE	STIMUPLEX
ADDitIV	DISCOFIX	H.E.L.P.	Nutrilipid	Plasmat	TrophAmine
BIG TAB	DoseTrac	HepatAmine	Omnican	PLEXUFIX	ULTRASITE
CAPS	Duosol	Horizon NXT	OMNIFIX	ProcalAmine	VISTA
CARESITE	DUPLEX	HESpan	ONGUARD	Prontosan	WHIN
ClearChoice-DCB	E3	Hyperlyte	Outlook	Rate Flow	
Clip Lock	ESPOCAN	Infusomat	PAB	SAFELINE	
Diacap	EXCEL	Isolyte	PENCAN	SAFSITE	
Diacap a Polysulfone	Filterflow	MICRO PIN	Perfusor	Solcart B	
DiaLines	FILTER STRAW	MINI-SPIKE	PERIFIX	SPIN-LOCK	
Dialog+	FreAmine	MULTI-AD	Physiolyte	SPINOCAN	

BodyGuard, CMExpress and BodyComm and ColorVision are registered trademarks of CME America, LLC.

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T-Pak is a registered trademark of Allegiance.

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Steripick, Locksite, Buttonhole, MasterGuard, FingerShield, SecureClip and Streamline are registered trademarks of NxStage Medical, Inc.

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Trissel's is a trademark of Lawrence A. Trissel.

Velcro is a registered trademark of Velcro Industries B.V.

General Ordering Information and Terms of Sale

Thank you for your interest in B. Braun Medical Inc. ("B. Braun") products. The following provisions set forth the terms and conditions on which B. Braun sells its products.

Terms of Sale: Purchase of any products sold by B. Braun shall be subject to and expressly limited by the terms and conditions contained herein. No changes to, waiver of, or addition to any of these terms and conditions shall be effective unless agreed to in writing and signed by B. Braun. Buyer acknowledges and agrees that these terms and conditions supersede the terms and conditions of any purchase order or other documentation used by Buyer and, except for delivery and billing addresses, and quantities prices and items ordered, any conflicting or additional terms are void and have no effect, but that Buyer may place orders by use of purchase orders and other documentation for its convenience purposes only. Notwithstanding the foregoing, B. Braun reserves the right at any time to amend these terms and conditions, and Buyer shall be deemed to accept such amended terms and conditions by ordering products herein offered after the date of such amendment. Additional special terms and conditions of B. Braun may be applicable with respect to certain products.

Minimum Order Quantity: All products must be ordered in full case quantities. Orders received with a value of less than \$250.00 will be subject to a handling charge of \$40.00. Wholesalers and Distributors are subject to a handling charge of \$75.00 for orders less than \$1,000.00.

Prices: All pricing quotes must be documented in writing and signed by B. Braun to be valid. Prices quoted, unless otherwise stated, refer to full case quantities. All prices are firm for 30 days from the date quoted. B. Braun reserves the right to change the prices and specifications of its products at any time without notice.

Products purchased from distributors will be at the prices set by those distributors and subject to the terms and conditions of sale of the distributor.

Tax Information: Any tax, assessment, duty, custom or other fee of any nature imposed upon the products, their sale, transportation, delivery, use or consumption shall be paid by Buyer in addition to the price quoted or invoiced. If B. Braun is required to prepay any such tax or fee, Buyer will reimburse B. Braun. Buyer must provide B. Braun with a resale/exemption certificate in order to avoid the withholding of applicable taxes. No refund or adjustment to previously withheld taxes will be made by B. Braun sixty (60) days after the invoice date. Proof of certification should be mailed to: B. Braun Medical Inc., 824 Twelfth Avenue, Bethlehem, PA 18018-0027.

Payment: Payment terms are net 30 days from date of invoice. Credit card payments will not be accepted without prior approval from B. Braun. Buyer's obligation to pay outstanding invoices and all other amounts is absolute and unconditional and is not subject to any abatement, reduction, set-off, defense, counterclaim, interruption, deferment or recoupment for any reason whatsoever. Balances remaining unpaid at due date are subject to a interest charge of 1.5% per month or the highest rate permitted by law, whichever is lower, until paid. Any discounts, rebates, administrative fees, credits, or other fees due or owed to Buyer will be applied against delinquent balances before payment or reimbursement is made.

Any disputed amounts should be reported immediately and remitted with the undisputed amount by the payment due date. If B. Braun agrees with the billing dispute, B. Braun will credit Buyer the amount of the agreed-upon billing dispute. All billing disputes must be made within six (6) months of the applicable invoice date, or will be deemed to be waived.

B. Braun reserves the right in its sole discretion to require prepayment from any Buyer at any time and may refuse to sell and/or withhold further shipment until all overdue balances are made current. Buyer shall be liable for, and shall reimburse B. Braun for all costs and expenses it may incur in connection with collection of any amounts owed to B. Braun or enforcement of its rights, including without limitation, reasonable attorneys' fees and expenses, court costs, and cost of collection agencies.

Returned Goods Policy: Product returns are subject to the following conditions:

1. All returns are subject to the prior authorization of B. Braun, in its discretion. Buyer must notify Customer Support at (800) 227-2862 and complete a Return Request Form. The Return Request Form requires lot numbers, quantities and catalog numbers along with a specific reason for return. Customer Support will either authorize or deny the request for return. Only items appearing on an approved Return document are acceptable for return. Product returns will only be accepted from the original purchaser. Product returns will not be accepted from third party return companies. Unauthorized returns will be destroyed and no credit issued. All authorized returned goods must be shipped freight prepaid to the B. Braun location indicated on the Return document, except B. Braun will pay freight costs for Product shipped-in-error.
2. All Products returned within 30 days of delivery are subject to a 25% restocking charge, except for Products shipped-in-error. Products returned after 30 days are considered excess stock and will be eligible for 50% credit. No Products will be accepted for return after 90 days from the date of delivery.

3. Subject to paragraph 2 above, credit will be issued at the net purchase price for all authorized returns provided:
 - a. Products have at least one year shelf-life remaining, or products with original expiration dating of eighteen months or less have at least six months shelf-life remaining.
 - b. Proper authorization has been obtained prior to return of products.
 - c. Products are in their original packaging.
 - d. Products are current inventory items.
 - e. The Products have been shipped and billed to Buyer by B. Braun, and Buyer has paid for said Products.
4. Certain Products are **not eligible for return**. These are:
 - a. Products that have deteriorated because of improper storage, handling, abuse or other factors.
 - b. Products that have been opened, partly used or which the labels or seals have been removed or tampered.
 - c. Products that have been involved in a special promotion sale.
 - d. Broken, damaged or opened cases. Resealed cartons are not eligible for return.
 - e. Special products made to Buyer's specification.
 - f. Sets over two (2) years old, flush syringe products, infusion systems devices, related accessories and IV poles.
5. Products that are to be returned for repair (e.g., medical device equipment) must be accompanied by an approved Repair Notification.

Expiration Date: On dated products, the expiration date is shown as a month and year, e.g., August 2012, 8/12. The date of expiration is the last day of the given month, e.g., August 31, 2012.

Credits for returned goods are conditioned upon B. Braun's inspection and approval of such goods upon their return. If B. Braun determines, in its discretion, that any returned goods are not eligible for return due to any of the reasons provided in paragraph 4 above, Buyer will not receive a credit, even if an Return document was issued. No advance credits will be accepted.

Warranty: With respect to disposable products, B. Braun warrants to the original purchaser that, at time of delivery, each standard product manufactured by B. Braun shall be free of defects in material and workmanship and, when used for the purposes and indications described on the labeling, is fit for the purposes and indications described on the labeling. All warranties for a product shall expire as of product expiration date, or if none, after one (1) year from the date of shipment from B. Braun. B. Braun's warranty hereunder shall not apply if: (i) a product is not used in accordance with its instructions or if it is used for a purpose not indicated on the labeling, (ii) any repairs, alterations or other work has been performed by Buyer or others on such item, other than work performed with B. Braun's authorization and according to its approved procedures; or (iii) the alleged defect is a result of abuse, misuse, improper maintenance, accident or the negligence of any party other than B. Braun. The warranty set forth herein is conditioned upon proper storage, installation, use and maintenance in accordance with applicable written recommendations of B. Braun. The warranty furnished hereunder does not extend to damage to items purchased hereunder resulting in whole or in part from the use of components, accessories, parts or supplies not furnished by B. Braun.

B. Braun's sole obligation shall be to repair or replace, at B. Braun's option, any defective component or item and pay transportation expenses for such replacement. Buyer shall provide labor for the removal of the defective component or item and installation of its replacement at no charge to B. Braun. Buyer shall bear all risk of loss or damage to returned goods while in transit. In the event no defect or breach of warranty is discovered by B. Braun upon receipt of any returned item, the item will be returned to Buyer at Buyer's expense and Buyer will reimburse B. Braun for the transportation charges, labor and associated charges incurred in testing the allegedly defective item.

Except as expressly provided herein, B. Braun makes no representation or warranty of any kind, expressed or implied with respect to any products, parts or services provided by B. Braun including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Products distributed, but not manufactured, by B. Braun are not warranted by B. Braun and Buyer must instead rely on the representations and warranties, if any, provided directly to Buyer by the manufacturer of such product. The sole and exclusive remedy for breach of any warranty is limited to the remedies provided in the paragraph above.

Warranties for infusion system devices are provided in a separate warranty document.

Miscellaneous:

1. Any required notices shall be given in writing, in the case of B. Braun, at the address set forth below, and in the case of Buyer, at the address designated on Buyer's purchase order or to such other address as either party may substitute by written notice to the other and shall be deemed given upon personal delivery, overnight delivery or three days following deposit in the mail.
2. Except as expressly provided herein, no changes or modifications to, or waiver of, any of these terms and conditions shall be valid or binding on either party unless in writing and signed by an authorized representative of each party. B. Braun's failure or delay to exercise or enforce any of its rights hereunder shall not constitute or be deemed to be a waiver of such rights or forfeiture of such rights, and B. Braun may, at its option, from time to time, exercise any of its rights or remedies.
3. These Terms bind Buyer and its successors and permitted assigns.
4. B. Braun will use its reasonable efforts to fill orders, but B. Braun shall not be liable for nonperformance or delays caused by a shortage of raw materials, manufacturing problems, delivery or labor problems, priorities, acts of regulatory agencies or judicial bodies, discontinuation of a product line, acts of God or third parties, infringement claims, or other causes beyond its reasonable control. Buyer agrees that in such events B. Braun may allocate products among all purchasers as it deems reasonable, without liability. B. Braun reserves the right from time to time to substitute a product with a product that has the same function as such product, or to delete a product.
5. The products are sold subject to Pennsylvania law. These terms and any dispute or claim relating to these terms or the sale of products ("Claim") shall be governed by and construed under Pennsylvania law, notwithstanding its law of conflicts of law. If any Claim cannot be settled amicably between the parties, such Claim shall be tried by a court and not a jury. Buyer expressly and unconditionally waives its rights to a jury trial in any such Claim.
6. B. Braun shall promptly deliver written notice or verbal, followed by written, notice of any recall of Product. Should the recall require Products be removed from the market, B. Braun shall, to the extent reasonably possible and at B. Braun's option, replace any such recalled Products as soon as practicable with comparable Products not subject to such recall or repair any such recalled Products and return them to Buyer.
7. Buyer may not change, adulterate, obscure, remove or deface trademarks, tradenames or labels appearing on any Product of B. Braun.
8. If the pricing offered by B. Braun to a Buyer constitutes a discount or other reduction in price under Section 1128(b)(3)(a) of the Social Security Act 42 U.S.C. 1320a-7b(b)(3)(a), and C.F.R. § 1001.952(h), Buyer shall disclose the discount or reduction in price to the fullest extent required under any state or federal program that provides cost or charge-based reimbursement to Buyers for products. This act requires, among other things, that Buyer fully and accurately report on any claim or request for payment it submits to Medicare and Medicaid the actual purchase price paid by Buyer for products, net of any discounts, rebates or allowances provided hereunder. Buyer may also be required, upon request, to provide documentation of the discount or other reduction in price to the Secretary of Health and Human Services.
9. In all cases, all intellectual property rights in and to, and all technology relating to, the Products supplied to Buyer, their design and all improvements thereto or thereof, whether or not such Product, design or improvement is made pursuant to Buyer's specifications or at Buyer's expense, shall be and remain the exclusive property of B. Braun.
10. Any knowledge or information that Buyer may disclose to B. Braun shall not be deemed to be confidential or proprietary information, and shall be acquired by B. Braun free from any restriction.
11. B. Braun shall not in any event be liable to buyer for any indirect, incidental, special, punitive or consequential damages (including any damage for lost profits), or otherwise arising out of or in connection with furnishing of products, parts or service hereunder, or the performance, use of, or inability to use any products, parts or service, or otherwise, whether based in contract, warranty, tort, including without limitation, negligence, or any other legal or equitable theory. B. Braun's total liability for any claim or action shall not exceed the purchase price of the products out of which such claim or action arose.
12. If any of the products are medical devices, Buyer acknowledges that it is familiar with the Safe Medical Devices Act of 1990 (the "Devices Act") and the reporting obligations imposed on device users thereunder. In this regard, Buyer agrees to notify B. Braun within ten (10) days of the occurrence of any event identified in the Devices Act imposing a reporting obligation on Buyer and/or B. Braun (except for events representing an imminent hazard that require notification to the United States Food and Drug Administration (the "FDA") within seventy-two hours, in which case, such notice will be delivered to the other party immediately).

Buyer shall maintain adequate tracking for the products to enable B. Braun to meet the FDA requirements applicable to the tracking of medical devices.

13. Buyer shall purchase the products for its own use only, and shall not resell the products to any other party. Buyer represents it has examined the products and that they are acceptable and clinically suitable for its intended purposes.

Shipping:

1. Freight charges will be prepaid when orders are shipped via a transportation mode and carrier selected by B. Braun. Unless otherwise stated in an agreement, shipment of infusion systems devices will be made F.O.B. Origin.
2. When expedited delivery, specialized service, or alternate transportation modes are requested, or if requests are inconsistent with efficient distribution practices, an additional charge to cover the premium expense will be added to the invoice. Inside deliveries are subject to additional charges based on current common carrier rates or hourly rates. Palletized deliveries are encouraged.
3. Products will be shipped on a scheduled order and delivery basis. Orders shipped outside Buyer's order and delivery schedule may be subject to a handling charge of \$75.00. B. Braun will provide proof of delivery upon request.

Damage or Loss in Transit: Identity of items and extent of damage or loss must be noted on Buyer's copy of delivery document by the agent of the transportation company. If damage is discovered after receipt of shipment, notify the transportation company immediately and request that inspection be made and an inspection report rendered. Buyer must report concealed shortages or damages within palletized shipments to B. Braun Customer Support within 3 business days of delivery or credit will not be allowed. In addition, Buyer must provide B. Braun with a copy of Buyer's claim request accompanied by a delivery receipt or an inspection report upon which the transportation company has properly noted damage or loss, and B. Braun will issue a credit for the loss or damage and file a claim with the carrier. If such information is not received within ten (10) days of delivery, no credit will be issued.

Send copy of carrier freight bill to Customer Support indicating item and quantity damaged or not received.

Count and inspect your freight before carrier departs. Damaged merchandise should not be accepted.

Please forward all information to Attn: Customer Support, B. Braun Medical Inc., 901 Marcon Blvd., Allentown, PA 18109. (800) 227-2862.

For Order Placement: B. Braun welcomes orders either by telephone, fax, mail or electronically. For telephone orders, please call (800) 227-2862. Faxed orders should be sent to: (610) 266-6122. For infusion devices, call (800) 627-7867 or fax (610) 266-2429. In Canada, please call (800) 624-2920 or fax (800) 624-2939. Mail orders should be directed to Attn: Customer Support, B. Braun Medical Inc., 901 Marcon Blvd, Allentown, PA 18109.

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1-800-227-2862 | BBraunUSA.com