

March 20, 2020

RE: COVID-19 Update

Dear Valued Customer,

In these unprecedented times, B. Braun is completely focused on supporting you with the products vital to patient care. We are sincerely grateful for the life-saving work being done in healthcare systems across the country. Your compassion and selflessness in the face of extraordinary circumstances serves as an inspiration to us all.

Please know that I, along with the entire leadership team, are constantly monitoring developments and taking action as needed to ensure that you have a reliable supply of products so you can focus on providing your patients with the highest level of care.

Following is an update on some of the steps we have taken to address this crisis:

- As you know, we have put many of our most critical products on a protective allocation of 105% of historical demand. We have done this to ensure that your demand and any additional volume you may require, is available when you need it. An updated list of specific products is included in this communication. We encourage all customers to continue placing orders according to their normal forecast, with the exception of an identified immediate need for additional product.
- We remain in close communication with our suppliers. Based on current inventory levels and anticipated shipments, we do not expect any impact on our pharmaceutical or device products for the foreseeable future. Our suppliers also understand their essential role in patient care. We are working with them to address any potential issues as a result of government ordered shutdowns.
- Increased safety measures for employees have been put in place across the organization, under the guidance of our Chief Medical Officer. Our manufacturing operations are considered essential businesses and those locations are following CDC recommended guidelines to help prevent spread. Other employees who have the ability to do so, have begun working from home to ensure social distancing. We have restricted all travel with the exception of critical customer or patient needs.
- We are maintaining an open line of communication with local, state and federal officials as needed to reinforce the critical need for our operations to continue and address any issues that could arise as a result of governmental ordinances.

Thank you for your continued partnership.

Stay Healthy,

Joe Grispo

Senior Vice President and Chief Sales Officer

DUPLEX:

Product Code	NDC Number	B. Braun Product Description	Size (mL)	Container Type
3103-11	0264-3103-11	1g Cefazolin for Injection USP and Dextrose Injection USP	50	DUPLEX
3105-11	0264-3105-11	2g Cefazolin for Injection USP and Dextrose Injection USP	50	DUPLEX
3123-11	0264-3123-11	1g Cefoxitin for Injection and Dextrose Injection	50	DUPLEX
3125-11	0264-3125-11	2g Cefoxitin for Injection and Dextrose Injection	50	DUPLEX
3143-11	0264-3143-11	1g Ceftazidime for Injection USP and Dextrose Injection USP	50	DUPLEX
3145-11	0264-3145-11	2g Ceftazidime for Injection USP and Dextrose Injection USP	50	DUPLEX
3153-11	0264-3153-11	1g CefTRIaxONE for Injection and Dextrose Injection	50	DUPLEX
3155-11	0264-3155-11	2g CefTRIaxONE for Injection and Dextrose Injection	50	DUPLEX
3173-11	0264-3173-11	1g Cefotetan for Injection USP and Dextrose Injection USP	50	DUPLEX
3175-11	0264-3175-11	2g Cefotetan for Injection USP and Dextrose Injection USP	50	DUPLEX
3193-11	0264-3193-11	1g Cefepime for Injection USP and Dextrose Injection USP	50	DUPLEX
3195-11	0264-3195-11	2g Cefepime for Injection USP and Dextrose Injection USP	50	DUPLEX
3183-11	0264-3183-11	500 mg Meropenem for Injection USP and Sodium Chloride Injection USP	50	DUPLEX
3185-11	0264-3185-11	1g Meropenem for Injection USP and Sodium Chloride Injection USP	50	DUPLEX

IV Fluids/Irrigation:

Product Code	NDC Number	B. Braun Product Description	Size (mL)	Container Type
L8500	0264-7850-00	Sterile Water for Injection USP	1000	EXCEL
L8501-01	0264-7850-10	Sterile Water for Injection USP	500	EXCEL
L8502	0264-7850-20	Sterile Water for Injection USP	250	EXCEL
S8506	0264-7385-60	Sterile Water for Injection USP in Pharmacy Bulk Pack	3000	Titan XL
S8505	0264-7385-50	Sterile Water for Injection USP in Pharmacy Bulk Pack	2000	Titan XL
R8005	00264-7386-50	Sterile Water for Irrigation USP	2000	Titan XL

R8006	00264-7386-60	Sterile Water for Irrigation USP	3000	Titan XL
R8205	00264-7388-50	0.9% Sodium Chloride Irrigation USP	2000	Titan XL
R8206	00264-7388-60	0.9% Sodium Chloride Irrigation USP	3000	Titan XL
R8306	00264-7389-60	Lactated Ringers Irrigation USP	3000	Titan XL
R8406	00264-7390-60	1.5% GLYCINE IRRIGATION	3000	Titan XL
L5100	0264-7510-00	5% Dextrose Injection USP	1000	EXCEL IV
L5101	0264-7510-10	5% Dextrose Injection USP	500	EXCEL IV
L5102	0264-7510-20	5% Dextrose Injection USP	250	EXCEL IV
L5200	0264-7520-00	10% Dextrose Injection USP	1000	EXCEL IV
L5201	0264-7520-10	10% Dextrose Injection USP	500	EXCEL IV
L5202	0264-7520-20	10% Dextrose Injection USP	250	EXCEL IV
L5781	00264-7578-10	20% Mannitol Injection USP	500	EXCEL IV
L6100	0264-7610-00	5% Dextrose and 0.9% Sodium Chloride Injection USP	1000	EXCEL IV
L6101	0264-7610-10	5% Dextrose and 0.9% Sodium Chloride Injection USP	500	EXCEL IV
L6120	0264-7612-00	5% Dextrose and 0.45% Sodium Chloride Injection USP	1000	EXCEL IV
L6121	0264-7612-00	5% Dextrose and 0.45% Sodium Chloride Injection USP	500	EXCEL IV
L6141	0264-7614-10	5% Dextrose and 0.33% Sodium Chloride Injection USP	500	EXCEL IV
L6160	0264-7616-00	5% Dextrose and 0.20% Sodium Chloride Injection USP	1000	EXCEL IV
L6161	0264-7616-10	5% Dextrose and 0.20% Sodium Chloride Injection USP	500	EXCEL IV
L6162	0264-7616-20	5% Dextrose and 0.20% Sodium Chloride Injection USP	250	EXCEL IV
L6220	0264-7622-00	10% Dextrose and 0.45% Sodium Chloride Injection USP	1000	EXCEL IV
L6232	0264-7623-20	10% Dextrose and 0.20% Sodium Chloride Injection USP	250	EXCEL IV
L6250	00264-7625-00	0.15% Potassium Chloride in 5% Dextrose Injection USP	1000	EXCEL IV
L6340	00264-7634-00	0.075% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP	1000	EXCEL IV
L6350	00264-7635-00	0.15% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injections USP	1000	EXCEL IV

L6360	00264-7634-00	0.22% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP	1000	EXCEL IV
L6380	00264-7638-00	0.30% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP	1000	EXCEL IV
L6450	00264-7645-00	0.15% Potassium Chloride in 5% Dextrose and 0.20% Sodium Chloride Injection USP	1000	EXCEL IV
L6511	00264-1965-10	HESPAN® (6% Hetastarch in 0.9% Sodium Chloride Injection)	500	EXCEL IV
L6520	00264-7652-00	0.15% Potassium Chloride in 5% Dextrose and 0.9% Sodium Chloride Injection USP, 1000 mL	1000	EXCEL IV
L7800	0264-7780-00	Ringer's Injection USP	1000	EXCEL IV
L7500	0264-7750-00	Lactated Ringer's Injection USP	1000	EXCEL IV
L7501	0264-7750-10	Lactated Ringer's Injection USP	500	EXCEL IV
L7502	0264-7750-20	Lactated Ringer's Injection USP	250	EXCEL IV
L7510	0264-7751-00	5% Dextrose in Lactated Ringer's Injection	1000	EXCEL IV
L7511	0264-7751-10	5% Dextrose in Lactated Ringer's Injection	500	EXCEL IV
L8000	0264-7800-00	0.9% Sodium Chloride Injection USP	1000	EXCEL IV
L8001	0264-7800-10	0.9% Sodium Chloride Injection USP	500	EXCEL IV
L8002	0264-7800-20	0.9% Sodium Chloride Injection USP	250	EXCEL IV
L7301	0264-7730-10	Isolyte P (Multi-electrolyte Injection) in 5% Dextrose	500	EXCEL IV
L7030	0264-7703-00	Isolyte S (Multi-electrolyte Injection)	1000	EXCEL IV
L7070	0264-7707-00	Isolyte Multi-electrolyte IV Solutions, Isolyte S pH 7.4 (Multi-electrolyte Injection)	1000	EXCEL IV
L7071	0264-7707-10	Isolyte S pH 7.4 (Multi-electrolyte Injection)	500	EXCEL IV
L8020	0264-7802-00	0.45% Sodium Chloride Injection USP	1000	EXCEL IV
L8021	0264-7802-10	0.45% Sodium Chloride Injection USP	500	EXCEL IV

L8051	0264-7805-10	3% Sodium Chloride Injection USP (Hypertonic)	500	EXCEL IV
L8061	0264-7806-10	5% Sodium Chloride Injection USP (Hypertonic)	500	EXCEL IV
L8650	0264-7865-00	0.15% Potassium Chloride In 0.9% Sodium Chloride Injection (20 mEq K/liter)	1000	EXCEL IV
P5941	00264-9594-10	0.4% Lidocaine Hydrochloride and 5% Dextrose Injection USP	4mg/ml	EXCEL IV
P5942	00264-9594-20	0.4% Lidocaine Hydrochloride and 5% Dextrose Injection USP	4mg/ml	EXCEL IV
P5982	00264-9598-20	0.8% Lidocaine Hydrochloride and 5% Dextrose Injection USP	8mg/ml	EXCEL IV
P8721	00264-9872-10	1,000 Units Heparin in 0.9% Sodium Chloride Injection	2 units/ml	EXCEL IV
D5353-5224	00264-5535-32	Metronidazole Injection USP	5mg/ml	PAB
S5104-5264	00264-1510-32	5% Dextrose Injection USP	100 ml fill in 150 ml	PAB
S5104-5384	00264-1510-31	5% Dextrose Injection USP	50 ml fill in 100 ml	PAB
S5904-52	00264-9057-48	Empty PAB® Partial Additive Bag	150 ml	PAB
S8004-5264	00264-1800-32	0.9% Sodium Chloride Injection USP	100 ml fill in 150 ml	PAB
S8004-5384	00264-1800-31	0.9% Sodium Chloride Injection USP	50 ml in 100 ml	PAB
S8004-5410	00264-1800-36	0.9% Sodium Chloride Injection USP	25 ml fill in 100 ml	PAB
R5000-01	00264-2101-00	Sterile Water for Irrigation	1000 ml	PIC
R5001-01	00264-2101-10	Sterile Water for Irrigation	500 ml	PIC
R5200-01	00264-2201-00	0.9% Sodium Chloride Irrigation, USP	1000 ml	PIC
R5201-01	00264-2201-10	0.9% Sodium Chloride Irrigation	500 ml	PIC
R5310-01	00264-2202-00	Ringer's Irrigation USP	1000 ml	PIC
R5410-01	00264-2203-00	Lactated Ringer's Irrigation	1000 ml	PIC
R5510-01	00264-2205-00	Physiolyte®	1000 ml	PIC
R6600-01	00264-2304-00	0.25% Acetic Acid Irrigation USP	1000 ml	PIC
R6601-01	00264-2304-10	0.25% Acetic Acid Irrigation USP	500 ml	PIC
E8000	0264-7800-09	0.9% Sodium Chloride Injection USP	1000	E3 IV

Pinnacle:

Product Code	NDC Number	B. Braun Product Description	Size (mL)	Container Type
2112346	N/A	Pinnacle	250	EVA Mixing
2112347	N/A	Pinnacle	500	EVA Mixing
2112348	N/A	Pinnacle	1000	EVA Mixing
2112349	N/A	Pinnacle	2000	EVA Mixing
2112350	N/A	Pinnacle	3000	EVA Mixing
2112351	N/A	Pinnacle	4000	EVA Mixing
2112406	N/A	Pinnacle (1250+250) DCB (USP1523)	1500	
2112407	N/A	Pinnacle (2500+500) DCB (USP3023)	3000	
2112408	N/A	Pinnacle (3500+500) DCB (USP4023)	4000	

APEX:

Product Code	NDC Number	B. Braun Product Description	Size (mL)	Container Type
2112528	08021-0022-028	APEX	250	EVA Single Chamber
2112529	08021-0022-029	APEX	500	EVA Single Chamber
2112530	08021-0022-030	APEX	1000	EVA Single Chamber
2112331	08021-0022-031	APEX	2000	EVA Single Chamber
2112332	08021-0022-032	APEX	3000	EVA Single Chamber
2112333	08021-0022-033	APEX	4000	EVA Single Chamber
2112334	08021-0022-034	APEX	1500	EVA Dual Chamber
2112335	08021-0022-035	APEX	3000	EVA Dual Chamber
2112336	08021-0022-036	APEX	4000	EVA Dual Chamber
2112337	08021-0022-038	APEX	2000	Calibration

Clinical Nutrition:

Product Code	NDC Number	B. Braun Product Description	Size (mL)	Container Type
S4500	00264-4500-00	Plenaminate™ 15% Amino Acids Injection	1000	
S4603	00264-4460-30	Nutrilipid® 20% Soybean Oil I.V. Fat Emulsion	250	

S8705	00264-7387-50	70% Dextrose Injection, USP	2000	TITAN XL
S9010-SS	00264-9010-55	FreAmine® III	1000	Glass
S9050	0024-1915-07	ProcalAmine®	1000	Glass
S9341-SS	00264-9341-55	TrophAmine®	500	Glass
S9371-SS	00264-9371-55	HepatAmine®	500	Glass
S9402-11	00264-1940-20	Concentrated Potassium Chloride Injection USP	(2mEq K+/mL)	Glass
S9432	00264-1943-20	Hyperlyte® CR Multi-Electrolyte Concentrate	20 mL/Dose	Glass

Easyump:

Product Code	B. Braun Product Description
4540048-02	EASYPUMP II ST 250-1-S-US
4540054-02	EASYPUMP II ST 500-2-S-US
4540050-02	EASYPUMP II ST 250-1,5-S-US
4540008-02	EASYPUMP II LT 270-27-S-US
4540040-02	EASYPUMP II ST 100-0,5-S-US
4540044-02	EASYPUMP II ST 50-1-S-US
4540046-02	EASYPUMP II ST 100-1-S-US
4438102-02	CARRY POUCH INSULATED L
4540058-02	EASYPUMP II ST 400-4-S-US
4540052-02	EASYPUMP II ST 400-2-S-US
4540006-02	EASYPUMP II LT 125-25-S-US
4434446-02	CARRY POUCH, SMALL
4434454-02	CARRY POUCH L (300-500ML)-US
4540042-02	EASYPUMP II ST 250-0,5-S-US
4540018-02	EASYPUMP II LT 270-54-S-US
4540056-02	EASYPUMP II ST 100-2-S-US

Introcan:

Product Code	B. Braun Product Description
4251628-02	INTROCAN SAFETY PUR 22G, 0.9X25MM-US
4251652-02	INTROCAN SAFETY PUR 20G, 1.1X25MM-US
4252519-02	INTROCAN SAFETY FEP 22G, 0.9X25MM-US
4252535-02	INTROCAN SAFETY FEP 20G, 1.1X32MM-US
4251644-02	INTROCAN SAFETY PUR 20G, 1.1X32MM-US
4252543-02	INTROCAN SAFETY FEP 20G, 1.1X25MM-US
4252560-02	INTROCAN SAFETY FEP 18G, 1.3X32MM-US
4251129-02	INTROCAN SAFETY 3 PUR 20G 1.1X25MM-US

4251687-02	INTROCAN SAFETY PUR 18G, 1.3X32MM-US
4252500-02	INTROCAN SAFETY FEP 24G, 0.7X19MM-US
4251128-02	INTROCAN SAFETY 3 PUR 22G 0.9X25MM-US
4251601-02	INTROCAN SAFETY PUR 24G, 0.7X19MM-US
4252527-02	INTROCAN SAFETY FEP 20G, 1.1X45MM-US
4253540-02	INTROCAN SAFETY-W PUR 22G, 0.9X25MM-US
4251130-02	INTROCAN SAFETY 3 PUR 20G 1.1X32MM-US
4253574-02	INTROCAN SAFETY-W PUR 20G, 1.1X25MM-US
4251131-02	INTROCAN SAFETY 3 PUR 18G 1.3X32MM-US
4254511-02	INTROCAN SAFETY-W FEP 22G, 0.9X25MM-US
4253523-02	INTROCAN SAFETY-W PUR 24G, 0.7X19MM-US
4254503-02	INTROCAN SAFETY-W FEP 24G, 0.7X19MM-US
4251127-02	INTROCAN SAFETY 3 PUR 24G 0.7X19MM-US
4253566-02	INTROCAN SAFETY-W PUR 20G, 1.1X32MM-US
4254538-02	INTROCAN SAFETY-W FEP 20G, 1.1X32MM-US
4252560-020	INTROCAN SAFETY FEP 18G, 1.3X32MM-US
4254546-02	INTROCAN SAFETY-W FEP 20G, 1.1X25MM-US
4252520-02	INTROCAN SAFETY FEP 22G, 0.9X45MM -US
4253604-02	INTROCAN SAFETY-W PUR 18G, 1.3X32MM-US
4251687-020	INTROCAN SAFETY PUR 18G, 1.3X32MM-US
4252586-02	INTROCAN SAFETY FEP 16G, 1.7X32MM-US
4252561-02	INTROCAN SAFETY FEP 18G,1.3X64MM -US
4251709-02	INTROCAN SAFETY PUR 16G, 1.7X32MM-US
4254562-02	INTROCAN SAFETY-W FEP 18G, 1.3X32MM-US
4251644-020	INTROCAN SAFETY PUR 20G, 1.1X32MM-US
4252551-02	INTROCAN SAFETY FEP 18G, 1.3X45MM-US
4252535-020	INTROCAN SAFETY FEP 20G, 1.1X32MM-US
4252543-020	INTROCAN SAFETY FEP 20G, 1.1X25MM-US
4252511-02	INTROCAN SAFETY FEP G24X14MM,NOTCHED-US
4251890-02	INTROCAN SAFETY FEP 14G, 2.2X32MM-US
4252594-02	INTROCAN SAFETY FEP 14G, 2.2X50MM-US
4253511-02	INTROC.SAFETY-W PUR 24GX14MM,NOTCHED-US
4252586-020	INTROCAN SAFETY FEP 16G, 1.7X32MM-US
4251679-02	INTROCAN SAFETY PUR 18G, 1.3X45MM-US
4251621-02	INTROCAN SAFETY PUR 20G, 1.1X64-US
4254562-020	INTROCAN SAFETY-W FEP 18G, 1.3X32MM-US
4252519-020	INTROCAN SAFETY FEP 22G, 0.9X25MM-US
4251628-020	INTROCAN SAFETY PUR 22G, 0.9X25MM-US
4254512-02	INTROCAN SAFETY-W FEP 24G, 0.7X14MM-US
4251611-02	INTROCAN SAFETY PUR G24X14MM,NOTCHED-US
4251614-02	INTROCAN SAFETY-W PUR,TW,24GX0.55"-US
4252578-02	INTROCAN SAFETY FEP 16G, 1.7X50MM-US
4251717-02	INTROCAN SAFETY PUR 14G, 2.2X50MM-US

4251622-02	INTROCAN SAFETY PUR 22G, 0.9X64-US
4251607-02	INTROC.SAFETY-PUR TW,24GX0.55",0.7X14-US
4254538-020	INTROCAN SAFETY-W FEP 20G, 1.1X32MM-US
4251623-02	INTROCAN SAFETY PUR 24G, 0.7X32-US
4251695-02	INTROCAN SAFETY PUR 16G, 1.7X50MM-US
4252527-020	INTROCAN SAFETY FEP 20G, 1.1X45MM-US
4252500-020	INTROCAN SAFETY FEP 24G, 0.7X19MM-US
4251620-02	INTROCAN SAFETY PUR 18G, 1.3X64-US
4254511-020	INTROCAN SAFETY-W FEP 22G, 0.9X25MM-US
4251890-020	INTROCAN SAFETY FEP 14G, 2.2X32MM-US
4251652-020	INTROCAN SAFETY PUR 20G, 1.1X25MM-US
4254512-020	INTROCAN SAFETY-W FEP 24G, 0.7X14MM-US
4253612-02	INTROCAN SAFETY-W PUR 16G, 1.7X50MM -US
4251601-020	INTROCAN SAFETY PUR 24G, 0.7X19MM-US
4251136-02	INTROCAN SAFETY 3 PUR 16G 1.7X32MM-US
4252552-020	INTROCAN SAFETY FEP 18G, 1.3X50MM-US
4252536-020	INTROCAN SAFETY FEP 20G, 1.1X50MM-US
4252594-020	INTROCAN SAFETY FEP 14G, 2.2X50MM-US
4252520-020	INTROCAN SAFETY FEP 22G, 0.9X45MM -US
4252553-020	INTROCAN SAFETY PUR 18G, 1.3X50MM-US
4268334S-01	VASOF.SAFETY FEP 18G,1.25 IN.,1.3X33MM-EU
4253590-02	INTROCAN SAFETY-W PUR 18G, 1.3X45MM-US
4254597-02	INTROCAN SAFETY-W FEP 14G, 2.2X50MM-US
4252596-020	INTROCAN SAFETY PUR 14G, 2.2X45MM-US
4254570-02	INTROCAN SAFETY-W FEP 16G, 1.7X50MM-US
4252511-020	INTROCAN SAFETY FEP G24X14MM,NOTCHED-US
4251709-020	INTROCAN SAFETY PUR 16G, 1.7X32MM-US MFG
4251611-020	INTROCAN SAFETY PUR G24X14MM,NOTCHED-US
4251695-020	INTROCAN SAFETY PUR 16G, 1.7X50MM-US
4268113S-01	VASOF.SAFETY FEP 20G,1.25 IN.,1.1X33MM-EU
4251870-020	INTROCAN SAFETY FEP 14G, 2.2X45MM-US
4251137-02	INTROCAN SAFETY 3 PUR 20G 1.1X50MM-US
4251132-02	INTROCAN SAFETY 3 PUR 18G 1.3X45MM-US
4251717-020	INTROCAN SAFETY PUR 14G, 2.2X50MM-US
375500	PIVC KIT W/20 GA INTROCAN CARESITE SMBRE
375502	PIVC KIT W/20 GA INTROCAN CARESITE EXT
375504	PIVC KIT W/22 GA INTROCAN CARESITE SMBRE