



INFU-LINE

Specialty IV Delivery Sets and Connecting Lines



SPECIALTY IV DELIVERY SETS AND CONNECTING LINES

Lines for Photosensitive Medication



Biometrix Specialty Infusion Lines for Photosensitive Drugs provide safer ways for photosensitive medication administration. Our lines decrease the exposure of photosensitive medication to visible light (290-450nm) and are transparent enough to enable air bubbles and sedimentation detection (When filters are incorporated the filter housing is opaque).

Selection of Photosensitive Medications (1)

Vitamins and Nutrition Drugs: TPN, Multivitamins.

Cytotoxic Drugs: Carboplatin, Cisplatin, Melphalan, Paclitaxel, Vincristine.

Cardiovascular Drugs: Norepinphrine, Metoprolol, Nitroprusside.

Antibiotic Drugs: Amphotericin, Ciprofloxacin.

Nervous System and Analgesic Drugs: Ephedrine, Morphine.

Pediatric Extension Sets

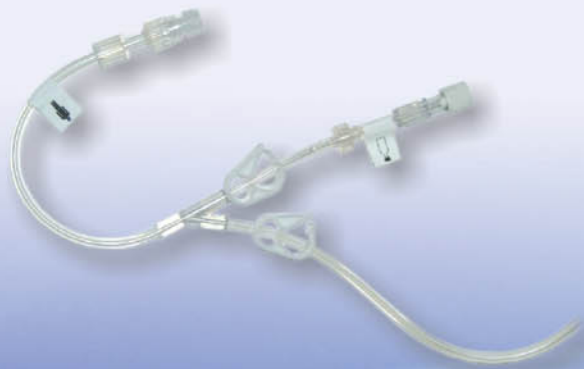
Special components and systems with a low dead space for exact administration of infusion, medication and neonate parental nutrition.

High quality micro infusion program ensures the safest and most reliable treatment to the neonate.

All lines are DEHP free (2).



Pain Management Sets



PCA (Patient Control Analgesia) is a method of IV Opioid administration via an infusion pump, allowing the patient to control the Opioid dose delivered.

The set presents low dead space dual channel line with one way check valve in order to prevent back flow of the Opioid.

The set is connected to a continuous gravitational IV drip, to a PCA pump and at the other end to the patient.

Filter Sets

Intravenous administration of pharmaceuticals and TPN through I.V. infusion bears the risk of introducing unwanted particles such as possible aggregates, air bubbles and micro-organisms (bacteria, yeast or fungi) into the bloodstream of a critically ill patient, which can lead to serious complications (3, 4, 5).

In order to minimize this risk and to provide the patient with the maximum degree of protection, suitable filters should be included in the extracorporeal system. Biometrix filters ideally hold back all unwanted particles, while allowing active substances to pass freely.

Filter Features

- Four vents for faster air elimination.
- Colored housing and printing for easier filter identification.
- Amber tinted housing for photosensitive drugs.
- Latex, PVC and animal free.
- Max operating pressure 3.1 bar (45 psi).



DEHP Free Sets



DEHP free tubing avoids the eventual deleterious effects of Phthalate plasticizers often used to soften PVC.

These plasticizers can transigrate into the liquids passing through the tubing, particularly polaric drugs such as taxol (6, 7).

Manifold Custom Sets

In addition to standard IV products Biometrix can supply customized sets from various components such as 2-5 port polysulphone manifolds, stopcocks, 0.2-1.2 mic. IV filters, standard or microspace tubing, injection sites and needleless valves.



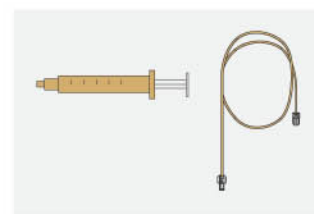
References:

1. Handbook On Injectable Drugs 11th Lawrence A. Trissel, Ashp, 2001.
2. J Pediatr Surg. 2000 Dec;35(12):1775-81. Polyvinylchloride infusion lines expose infants to large amounts of toxic plasticizers. Loff S, Kabs F, Witt K, Sartoris J, Mandl B, Niessen KH, Waag KL.
3. FDA Safety Alert 18-4-942.
4. Frean J A et al Journal of Hospital Infection 1994; 27: 263-2733.
5. JPEN J Parenter Enteral Nutr. 1999 Mar-Apr;23(2):104-8. Protecting solutions of parenteral nutrition from peroxidation. Laborie S, Lavoie JC, Pineault M, Chessex P.
6. FDA Public Health Notifications: PVC Devices Containing the plasticizer DEHP. 12.7.2002.
7. Administration of Taxol. 1996. Ontario Cancer Treatment & Research Foundation Northwestern Ontario Regional Cancer Center.

Lines for Photosensitive Medication

Code	Description
CQ-0005	50ml Photoprotective Syringe
CQ-3200	100cm Photoprotective Extension Line F/MLL
CQ-3205	100cm Extension Line M/F with 50ml Photoprotective Syringe
CQ-3405	150cm Extension Line M/F with 50ml Photoprotective Syringe
CQ-1205	100cm Microspace Extension Line M/F with 50ml Photoprotective Syringe
CQ-1405	150cm Microspace Extension Line M/F with 50ml Photoprotective Syringe
CQ-2200	100cm Microspace Extension Line M/F
CQ-2400	150cm Microspace Extension Line M/F

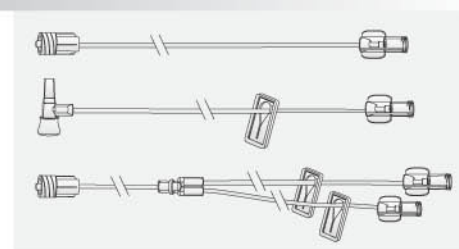
Qty/Box: CQ-0005 - CQ-3405: 100, CQ-1205 - CQ-2400: 25



DEHP Free Mini-Bore Multi Infusion and Connecting Lines

Code	Description	Code	Description
CN-1030	30cm F/M L	CN-5002	15cm 2 Way F/M LL
CN-2015	15cm F/M LL	CN-5003	15cm 3 Way F/M LL
CN-2050	50cm F/M LL	CN-7010	10cm T-Type L
CN-2150	150cm F/M LL	CN-8010	10cm T-Type LL
CN-4200	200cm M/M LL		

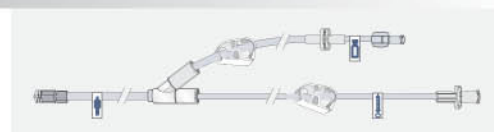
Qty/Box: CN-1030 - CN-2150: 100 CN-4200 - CN-8010: 150



PCA Set Mini-Bore

Code	Description
CM-2005	PCA Set Mini-Bore

Qty/Box: 25



Filter Sets - Pediatric

Code	Description
CD-0500	0.2 mic. Neonate Final Filter Set
CD-1500	1.2 mic. Neonate Final Filter Set

Qty/Box: 50



Filter Sets - Adult

Code	Description
CD-0400	0.2 mic. Final Filter Extension Set
CD-1400	1.2 mic. Final Filter Extension Set

Qty/Box: 50



Amber Colored	
CD-2090	0.2 mic. Final Filter Infusion Set
CD-2190	1.2 mic. Final Filter Infusion Set

Qty/Box: 50



DEHP Free IV Line for Chemotherapy

Code	Injection Site	Filter	Flow Regulator
CE-0201	+	0.2mic.	-
CE-0211	+	0.2mic.	+
CI-2001	+	-	+

Qty/Box: 25

