

 medicina

SUPERLOCK[®]

enteral feeding system



leaders in **enteral** delivery





Medicina SUPERLOCK[®] System

The Medicina SUPERLOCK[®] system is a complete range of equipment which has been developed for the safe delivery of enteral formula, feeds, medicines and flushes.



The syringes, tubes and accessories are all fitted with a dedicated SUPERLOCK[®] connector.

This connection is oversized and eliminates the risk of harm to patients from the accidental disconnection to intravenous devices.

The SUPERLOCK[®] connectors are bigger than the standard Luers and it is mechanically impossible to connect any device in the SUPERLOCK[®] system to any intravenous device under any circumstances.

The technique to make the connections is the same as with existing devices, so there is no special training need for end users.

An additional safety feature of the system is that every device is colour coded purple to clearly differentiate the enteral feed or formula lines from all the other patient access lines.



SUPERLOCK[®]

Patients

NEONATES

The SUPERLOCK[®] system has all the necessary devices to feed babies safely either by pump or gravity bolus.

To compliment the SUPERLOCK[®] system, there is a new purple Enteral syringe pump. (Contact your distributor to check availability in your market).



The P900 enteral syringe pump has been designed to deliver small volumes of enteral feeds, accurately and safely, using only enteral syringes. The pump is indicated for the delivery of enteral nutritional support in small volumes to neonates and paediatric patients. An important feature of the pump is that only "MEDICINA" syringes will operate in the pump. All other syringes are incompatible. This offers a unique additional safety feature for enterally fed patients. All the necessary feeding tubes, low volume extension sets and other accessories are available to feed all sizes of babies.



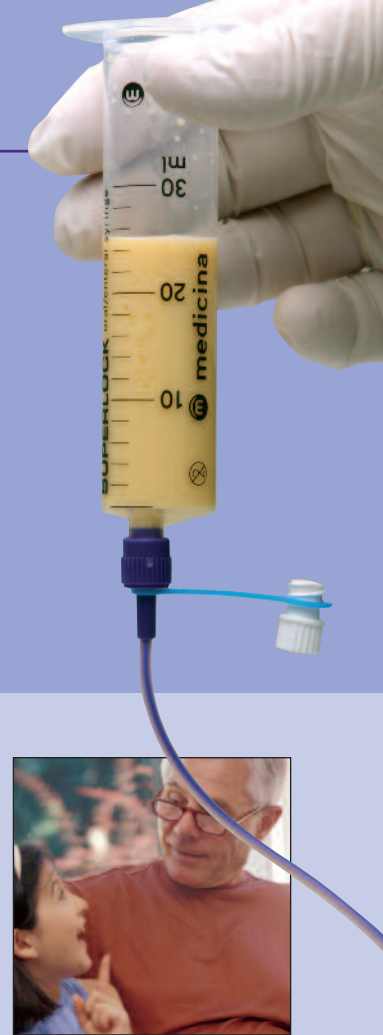
PEDIATRIC

All patients can be at risk from the harm caused by misconnections of enteral feeds to intravenous devices.

Although these risks are higher in critical care departments many countries have now banned the use of standard Luers on all enteral feeding equipment.

The SUPERLOCK[®] system can be used safely to feed, flush and deliver enteral medicines to all types of patients.

Feeding tubes are available in many sizes and types for both long and short term feeding.



Tubes and Accessories

SUPERLOCK[®] NASOGASTRIC TUBES

Medicina has many different SUPERLOCK[®] feeding tubes.

The most popular are designed to feed patients for short periods. There are also long term tubes with guide wires and wider bore tubes for aspiration. The short term tubes are mostly used in neonates and children.

They are used to feed, flush and deliver medicines.

nasogastric tube priming volumes

diameter/length	50cm	80cm	120cm
4FR	0.25mls	0.6mls	0.9mls
5FR	0.5mls	0.8mls	1.1mls
6FR	0.7mls	1.1mls	1.6mls
8FR	0.9mls	1.4mls	2.1mls
10FR	1.7mls	2.8mls	4.2mls

The tubes have a SUPERLOCK[®] connector which fits SUPERLOCK[®] syringes and administration sets. The tubing itself is smooth and carries distance marks to reference tube position. All tubes have a radio-opaque stripe to confirm position with X-ray. The range has tubes made of polyurethane (MG), latex and silicone (MGSIL) in popular sizes for longer term usage. Additionally there are some specialist nasojejunal tubes and a replegle irrigation/aspiration tube.

SUPERLOCK[®] FEEDING ACCESSORIES

Medicina has put together a very comprehensive range of accessories to help with the delivery of feeds and medicines using the SUPERLOCK[®] system.

There are several extension sets which are used to connect the feeding container or syringe to the nasogastric tube.

There are several adapters to help connect to other feeding devices like gastrostomy tubes.

The SUPERLOCK[®] range also has a range of drainage bags all with SUPERLOCK[®] connectors to allow gastric drainage from nasogastric tubes or other devices.

There are also several SUPERLOCK[®] adapters to help access Medicine containers and feed containers.



Tubes can be accessed directly with the SUPERLOCK[®] range of syringes. Liquid medicines are best where possible. There are several press-in tamper-proof bottle adapters to access medicine containers.

A dedicated SUPERLOCK[®] needle is available which can access multi dose vials with the rubber bung type cap.

A filter needle is also available for use with medicines which arrive in glass ampoules to filter out any possible glass particles.

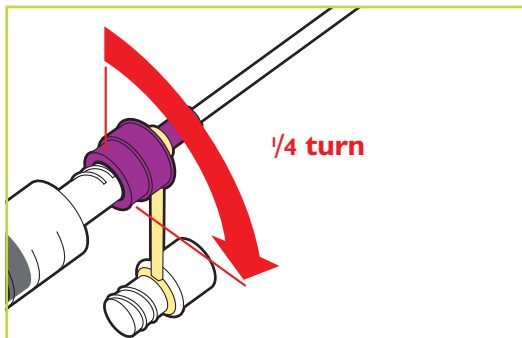
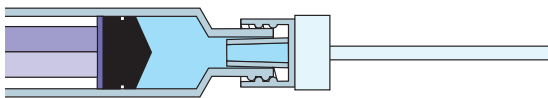
A specialist Surfactant administration kit is also available for the drawing up and delivery of surfactants in neonates.



Connections

priming connections

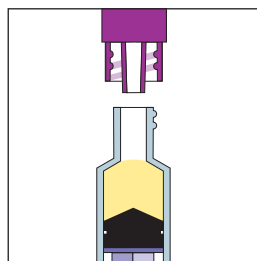
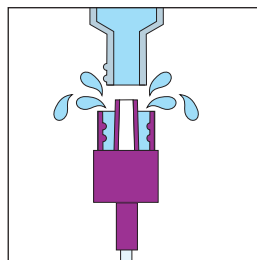
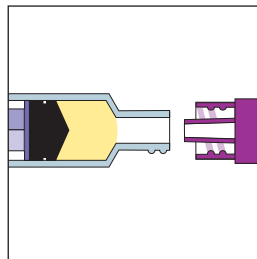
It is normal practice, with I.V. fluids, to prime the syringe and connectors with fluid to exclude air. This is not necessary with enteral connections.



making connections

When making connections to Medicina Luer locks it is only necessary to tighten the connection by one quarter turn.

This will provide a good seal and will allow simple disconnection.



enteral connections

It is important that enteral connections are not primed with feed or thick medicines as it can be difficult to separate the connections. The threads can sometimes become clogged with feed and debris.

flushing connection threads

It is also good routine practice, following feeds or the delivery of medicines, to flush the inside threads of the connector of Medicina NG tubes. This will prevent any disconnection problems.

priming medicina enteral connections

It is therefore recommended that feeding tubes, lines and enteral syringes are only primed up to, but not including, the connection. The connection is left full of air which is not a problem for patients receiving enteral nutrition. In this way the internal threads of the Male Luer do not become clogged with feed or medicines.


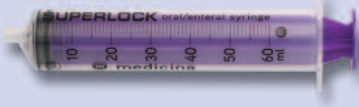
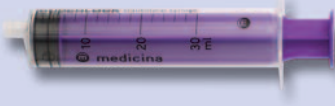
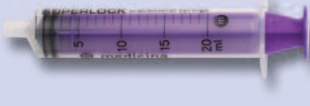






Enteral Syringe Pump

P900
Enteral Syringe Pump



Syringes

-  **MD60B**
60ml
-  **MD60**
60ml
-  **MD30**
30ml
-  **MD20**
20ml
-  **MD10**
10ml
-  **MD05**
5ml
-  **MD25**
2.5ml
-  **MD01**

Sets and Accessories

- MF075**
Enteral Extension Set
75cm long
- MF150Y**
Enteral Extension Set
150cm long Female
- MF150**
Enteral Extension Set
150cm long
- MF150MM**
Enteral Extension Set
150cm long Male

MA05
Bottle Adapter
18-21mm

MA04
Bottle Adapter
22-24mm

MA01
Medicine
Bottle
Adapter

MC01
Male Cap Single

MC08
Male Cap Pack of 8

MA02
Bottle Adapter
14-16mm

MA03
Bottle Adapter
17-20mm



Nasogastric Feeding Tubes



Ref. No. Description

Short-term Nasogastric Tubes

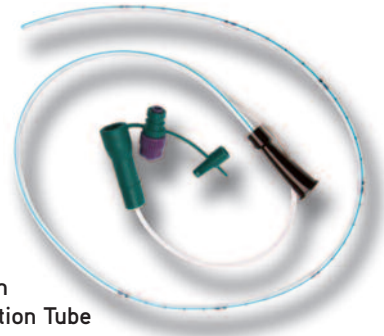
MG4/40	4FR X 40cm
MG5/40	5FR X 40cm
MG5/50	5FR X 50cm
MG5/80	5FR X 80cm
MG5/90	5FR X 90cm
MG6/40	6FR X 40cm
MG6/50	6FR X 50cm
MG6/60	6FR x 60cm
MG6/80	6FR X 80cm
MG8/40	8FR x 40cm
MG8/50	8FR X 50cm
MG8/80	8FR X 80cm
MG8/90	8FR X 90cm
MG10/80	10FR X 80cm



Ref. No. Description

Long-term infant silicone Nasogastric/Jejunal Tubes

MGSIL4/40	4FR X 40cm
MGSIL5/40	5FR x 40cm
MGSIL5/60	5FR X 60cm
MGSIL5/90	5FR X 90cm
MGSIL6/40	6FR x 40cm
MGSIL6/60	6FR x 60cm
MGSIL6/90	6FR x 90cm
MGSIL8/40	8FR x 40cm
MGSIL8/60	8FR x 60cm
MGSIL8/90	8FR x 90cm



MNF02

Double Lumen Neonatal Suction Tube

MSF01

Surfactant Administration Kit



Sets and Accessories



MK01
Male Adapter



MF01M
Filter Straw

C020M
Milk Straw

MN01M
Medicines Needle



C005M
Medicine Straw



MED500M
Drainage Bag



MED100M
Drainage Bag



MED50M
Drainage Bag

MED250M
Drainage Bag



Product Range

Ref. No.	Description	Pack
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Enteral Syringe Pump

P900	Enteral Syringe Pump	1
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Syringes

MD01	1ml SUPERLOCK Syringe	100
MD25	2.5ml SUPERLOCK Syringe	100
MD05	5ml SUPERLOCK Syringe	100
MD10	10ml SUPERLOCK Syringe	100
MD20	20ml SUPERLOCK Syringe	80
MD30	30ml SUERLOCK Syringe	80
MD60	60ml SUPERLOCK Syringe	60
MD60B	60ml SUPERLOCK Syringe Cath.	55

Enteral Feeding Tubes

MG4/40	4FR x 40cm Polyurethane	50
MG5/40	5FR x 40cm Polyurethane	50
MG5/50	5FR x 50cm Polyurethane	50
MG5/80	5FR x 80cm Polyurethane	50
MG5/90	5FR x 90cm Polyurethane	50
MG6/40	6FR x 40cm Polyurethane	50
MG6/50	6FR x 50cm Polyurethane	50
MG6/60	6FR x 60cm Polyurethane	50
MG6/80	6FR x 80cm Polyurethane	50
MG8/40	8FR x 40cm Polyurethane	50
MG8/50	8FR x 50cm Polyurethane	50
MG8/80	8FR x 80cm Polyurethane	50
MG8/90	8FR x 90cm Polyurethane	50
MG10/80	10FR x 80cm Polyurethane	50

Silicone Enteral Feeding Tubes

MGSIL4/40	4FR x 40cm Silicone	10
MGSIL5/40	5FR x 40cm Silicone	10
MGSIL5/60	5FR x 60cm Silicone	10
MGSIL5/90	5FR x 90cm Silicone	10
MGSIL6/40	6FR x 40cm Silicone	10
MGSIL6/60	6FR x 60cm Silicone	10
MGSIL6/90	6FR x 90cm Silicone	10
MGSIL8/40	8FR x 40cm Silicone	10
MGSIL8/60	8FR x 60cm Silicone	10
MGSIL8/90	8FR x 90cm Silicone	10

Ref. No.	Description	Pack
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Double Lumen Tubes

MNF02	Neonatal Replugle Tube	5
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Enteral Extension Sets

MF150Y	150cm Extension Set Female	50
MF150MM	150cm Extension Set Male	50
MF075	75cm Extension Set	50
MF150	150cm Extension Set	50

Enteral Drainage Bags

MED50M	50ml Enteral Drainage Bag	50
MED100M	100ml Enteral Drainage Bag	50
MED250M	250ml Enteral Drainage Bag	50
MED500M	500ml Enteral Drainage Bag	50

Accessories

C005M	Medicine Straw	50
C020M	Milk Straw	50
MC01	Male Cap (Packed Singly)	50
MC08	Male Cap (Pack of 8)	50
MK01	Male Adapter	50
MN01M	Medicine Needle	50
MF01M	Filter Straw	50
MA01	Medicine Bottle Adapter	50
MA02	Bottle Adapter 14mm - 16mm	50
MA03	Bottle Adapter 17mm - 20mm	50
MA04	Bottle Adapter 22mm - 24mm	50
MA05	Bottle Adapter 18mm - 21mm	50

Surfactant Administration Kit

MSF01	Surfactant Kit	25
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 **medicina**
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