

MEDICINA NEWSLETTER 2010

NEW SAFER SYRINGE PUMP FOR ENTERAL FEEDING

Medicina continues its lead in the development of safer enteral feeding equipment with the development of new enteral syringe drivers.

The pumps are designed to deliver small volumes of feed, accurately and safely to neonates and paediatric patients. A first in the UK, they form part of a complete range of products, put together to maximise patient safety.

Currently most patients are fed using intravenous syringe drivers, which can be used with both enteral and intravenous syringes and lines.

The advantage of the new Medicina Syringe pumps is that they will only operate with Medicina enteral syringes.

This will eliminate the risk of accidental delivery of enteral feeds into intravenous devices by syringe pumps, as tragically happened last summer in a hospital in Madrid in Spain. (See inside for more details on these innovative pumps).

DELIVERY OF ENTERAL MEDICINES

Medicina syringes are used widely to deliver medicines down the enteral and oral routes.

The change in practice since the safety notice has led to the reverse Luer becoming the most common connection for enteral feeding equipment. These changes have led to the development of many accessories to help connect to medicine containers. We decided to examine the problems and solutions for

the delivery of medicines down the oral and enteral routes. (See the medicine section inside P6-7)

NEW POSTER FOR ALL MEDICINA PRODUCTS

Medicina constantly develops new devices to compliment the various ranges.

In the last year we have developed many accessories for our oral enteral syringe ranges. New nasogastric tubes have been added to the feeding tube ranges. Although we have several booklets with detailed information, we decided to produce a new poster which shows every oral/enteral syringe product we produce. This can be used quickly to see if Medicina has the device to solve your problem. (See inside P4-5))

...in this issue

NEW SYRINGE
PUMPS



02

NEW POSTER OF
THE COMPLETE
MEDICINA
PRODUCT
RANGE



04

ORAL AND
ENTERAL
MEDICINES



06



a new innovation in safer enteral delivery

ENTERAL SYRINGE PUMP



The P700 enteral syringe pump has been designed to deliver small volumes of enteral feeds, accurately and safely, using oral enteral syringes. The pump is indicated for the delivery of enteral nutritional support in small volumes to neonates and paediatric patients. The pump is part of a complete range of equipment which has been carefully put together to maximise patient safety. The non-IV compatible syringes, feeding tubes and accessories provide a comprehensive feeding system.

An important feature of the pump is that only **"MEDICINA"** syringes will operate in the pump. All other syringes are incompatible. Many current syringe pumps can accommodate both enteral and intravenous syringes.

This poses a serious risk of hazard to the patients because Intravenous syringes can be filled with enteral feeds and accidentally connected to central lines.

These misconnections are not possible with the use of our pump because the lines and syringes which it uses cannot be connected to central lines.

This offers a unique additional safety feature for enterally fed patients.



The pumps are part of a complete range of equipment which has been carefully put together to maximise patient safety

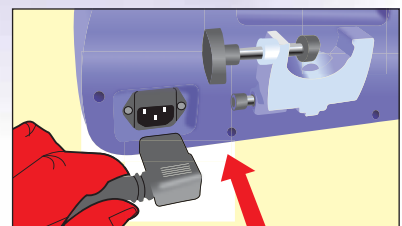
Safe
Dedicated
Enteral
Accurate
Easy

The P700 & P900 enteral syringe pumps are volumetric devices, which offer greater accuracy, particularly at low flow rates and small volumes. A host of sensors monitor the delivery, providing comprehensive visual and auditory alarms. Although the pumps are simple to use, the electronics are as sophisticated as the more expensive intravenous syringe pumps. Users will find the P700 & P900 pumps easy to use and they will safely and accurately provide the nutritional support needed by their patients.

P900
available soon!



P700
available now!



ENTERAL SYRINGE PUMPS



ref: P700

enteral syringe pump



ref: P900

enteral syringe pump

HOSPITAL SAFETY SYRINGES



ref: PE60B

60ml
FTA048



ref: PE60

60ml
FTA047



ref: PE20

20ml
FTA046



ref: PE10

10ml
FTA044



ref: PE05

5ml
FTA041



ref: PE25

2.5ml
FTA040



ref: PE01

1ml
FTA039

HOME SAFETY SYRINGES



ref: HE60B

60ml
FTA137



ref: HE60

60ml
FTA136



ref: HE20

20ml
FTA135



ref: HE10

10ml
FTA134



ref: HE05

5ml
FTA133



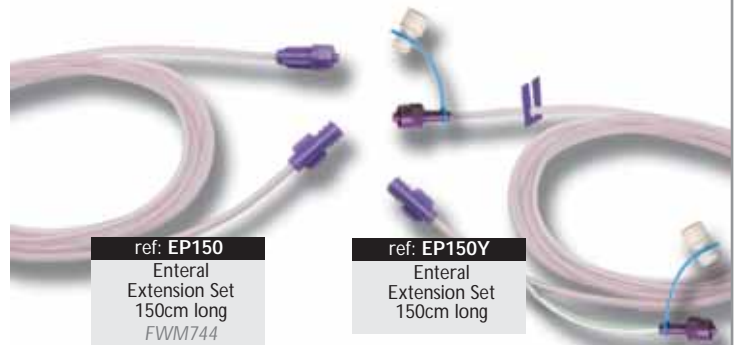
ref: HE25

2.5ml
FTA132

ref: HE01

1ml
FTA131

SETS AND ACCESSORIES



ref: EP150

Enteral Extension Set
150cm long
FWM744

ref: EP150Y

Enteral Extension Set
150cm long



ref: EP075

Enteral Extension Set
75cm long
FWM893

ref: EP075Y

Enteral Extension Set
75cm long



ref: BA05
Bottle Adaptor
24-26mm

ref: BA03
Bottle Adaptor
17-20mm

ref: BA01
Medicine Bottle
Adaptor

ref: BA02
Bottle Adaptor
14-16mm

ref: BA04
Bottle Adaptor
20-24mm

ref: M158/8
Male Cap
Pack of 8
FWD077

ref: M158/1
Male Cap
Singly packed
FWD090

ref: 20-110/V
Male/Female Cap
FWD089

NASOGASTRIC FEEDING TUBES



SHORT-TERM INFANT PAEDIATRIC NASOGASTRIC TUBES

Tube	Description	NHS Code
SG4/50	4FR X 50CM	
SG4/80	4FR X 80CM	
SG5/50	5FR X 50CM	FWM751
SG5/80	5FR X 80CM	FWM747
SG6/50	6FR X 50CM	FWM752
SG6/80	6FR X 80CM	FWM748
SG8/50	8FR X 50CM	FWM753
SG8/80	8FR X 80CM	FWM749
SG8/120	8FR X 120CM	FWM755
SG10/80	10FR X 80CM	FWM750
SG10/120	10FR X 120CM	FWM754
SG12/80	12FR X 80CM	FWM865
SG14/80	14FR X 80CM	FWM866
WEIGHTED		
SG6/50W	6FR X 50CM	FWM867
SG6/80W	6FR X 80CM	FWM868
SG8/80W	8FR X 80CM	FWM869
SG10/80W	10FR X 80CM	FWM870
SG12/80W	12FR X 80CM	FWM871

LONG-TERM INFANT FINE BORE NASOGASTRIC TUBES

Tube	Description	NHS Code
NGP6/55	6FR X 55CM	FWM1007
NGP6/75	6FR X 75CM	FWM1006
NGP6/85	6FR X 85CM	FWM1005
NGP8/55	8FR X 55CM	FWM1004
NGP8/75	8FR X 75CM	FWM1003
NGP8/85	8FR X 85CM	FWM1002
NGP8/120	8FR X 120CM	FWM1001
NGP10/85	10FR X 85CM	FWM1000
NGP10/120	10FR X 120CM	FWM999
WEIGHTED		
NGP8/85W	8FR X 85CM	FWM882
NGP10/85W	10FR X 85CM	FWM883

SHORT TERM WIDE BORE NASOGASTRIC TUBES

Tube	Description	NHS Code
RT6/80	6FR X 80CM	
RT8/80	12FR X 80CM	
RT10/80	10FR X 80CM	
RT12/100	12FR X 100CM	FWM884
RT14/100	14FR X 100CM	FWM885
RT16/100	16FR X 100CM	FWM886
RT18/100	18FR X 100CM	FWM887
RT20/100	20FR X 100CM	FWM888

LONG-TERM INFANT SILICONE NASOGASTRIC/EJUNAL TUBES

Tube	Description
SG6/85WSIL	6FR X 85CM
SG8/85WSIL	8FR X 85CM
SG10/85WSIL	10FR X 85CM

ref: IN01
pH Indicator Strips



ref: EF2E
Double Lumen Tube with external guidewire
FWM618



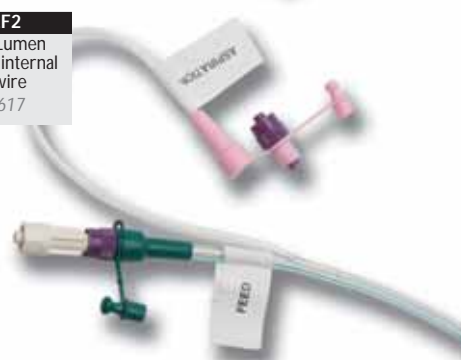
ref: NP01
Adult NG Plaster



ref: NP02
Paediatric NG Plaster



ref: EF2
Double Lumen Tube with internal guidewire
FWM617



ref: NF02
Double Lumen Neonatal Suction Tube

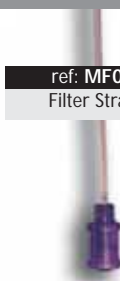


SETS AND ACCESSORIES

ref: M19400/V
Male Gastrostomy Adaptor
FWM746



ref: MF01
Filter Straw



ref: MN01
Medicines Needle



ref: C005
Medicines Straw
FVK136



ref: C020
Milk Straw
FVK137



ref: MED500
500ml Enteral Drainage Bag
FWM998



ref: MED250
250ml Enteral Drainage Bag
FWM997



ref: MED250W
250ml Wide Bore Enteral Drainage Bag



ref: MED100
100ml Enteral Drainage Bag
FWM996



ref: MED050
50ml Enteral Drainage Bag



ORAL AND ENTERAL MEDICINES



In general, liquid forms of medicines should be used where possible for both the oral and enteral routes.

Soluble tablets or capsules can be used if they are thoroughly dissolved. Enteric coated medicines should never be crushed or dissolved. If the liquid and soluble forms are unavailable then tablets can be crushed or capsules opened and mixed in 10-15mls of water 5-10mls for children. The tablet crusher should be rinsed and the washings and residue flushed down the tube.

DELIVERY

Medicines should be delivered using an oral enteral syringe. Tubes should be flushed before and after medicines with 20-30mls of water in adults and 5-10mls in children. Each medicine should be administered separately and the tube and the syringe should be flushed between the dose of different medicines. In general medicines should not be added to feeds because of potential interactions. Timing may also be important as some medicines are designed to be absorbed by an empty stomach.



MEDICINE AND FEED INTERACTIONS

Some medicines can interact with enteral feeds, vitamins and electrolytes and some need to be given on an empty stomach. It is therefore important to flush before and after each feed to prevent any coagulation of the proteins in the feeds, which can block the feeding tubes.

OUTPATIENT MEDICINES

The Bottle adapter can be provided non-sterile so that a suitable adapter can be packed with a suitable syringe for patients leaving hospital. A small instruction pad has also been produced so an instructions leaflet can be torn off for each out-patient as required.

MEDICINE CONTAINER ACCESS

Medicines can be drawn up using the medicine straw and the milk straw for larger volumes and thicker preparations. If glass ampoules are used, then a medicine filter straw is available.

Several bottle adapters are available to fit the various liquid bottles. The universal bottle adapter fits most and there a four other sizes which fit flush into the bottle to allow the use of tamper-proof bottle caps with children.

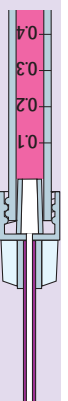
A needle is also available for use with multi-dose bottles with a rubber bung.

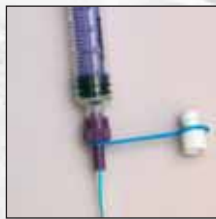
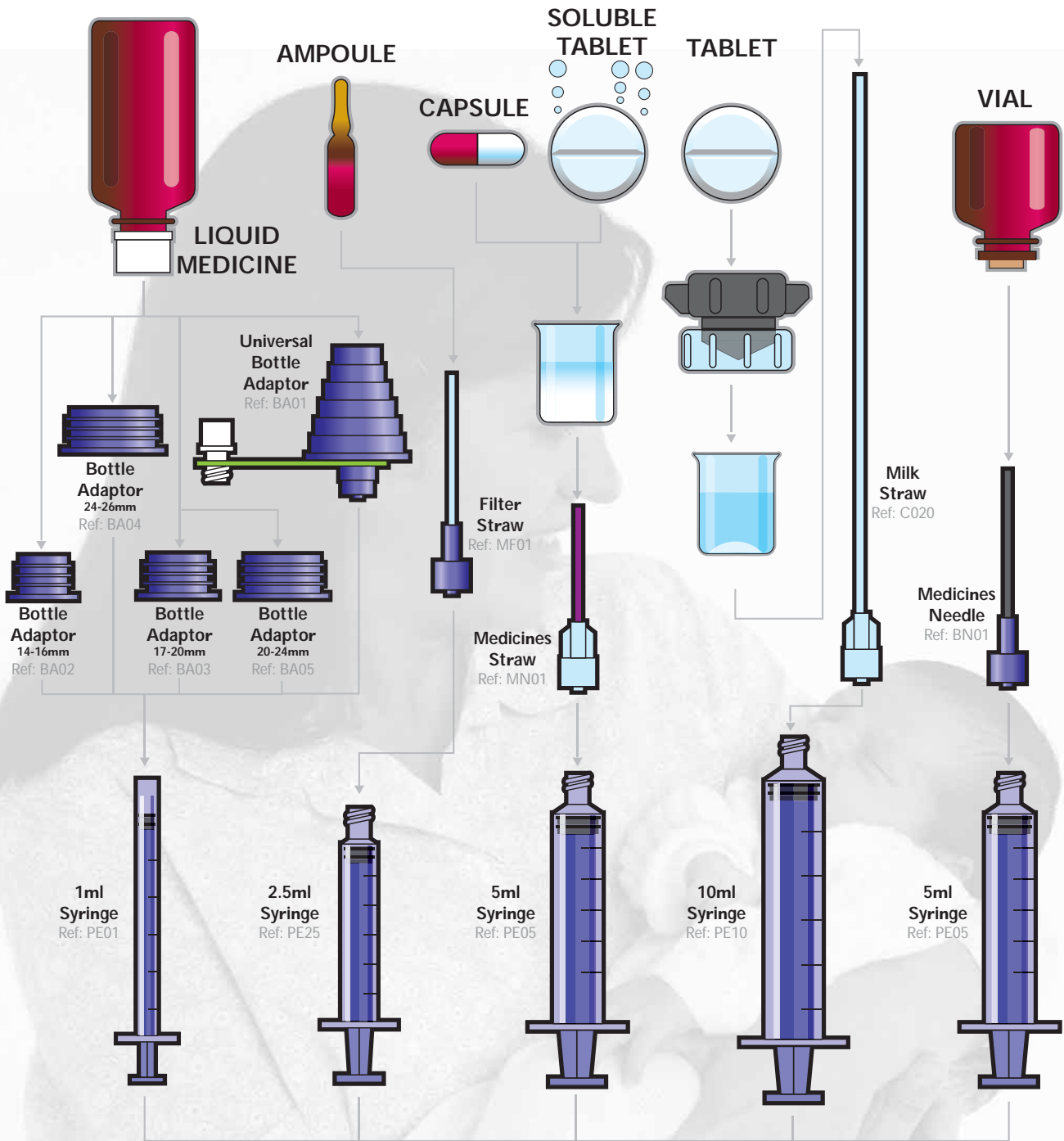
ORAL MEDICINES

These can be drawn up and used in the same way and all Medicina syringes can be used for this route.

SMALL VOLUME MEDICINES

It is advisable to use the medicine straw for very small volumes of medicines (Less than 0.5mls) as the straw will occupy the dead space of the syringe in the same way as the male Luer lock on the feeding tube. In this way medicines can be delivered accurately without considering the dead space.





ENTERAL



ORAL



information guides for medicina products



Medicina produces a large number of more detailed guides for the safe use of all Medicina products.

There is a comprehensive web site which has a large download section. Booklets instructions posters and pocket guides can be downloaded in PDF format. Alternatively contact Medicina on 01204 695050 to request hard copies. Below are some examples of the information we provide.



Hospital Syringes

- Booklet
- Pocket Guide
- Poster
- DVD

Home Syringes

- Booklet
- Pocket Guide
- Poster

Nasogastric Tubes

- Booklet
- Pocket Guide
- Poster
- PH Indicator Poster
- PH Indicator Booklet Guide

Enteral Pump

- Leaflet
- Pocket Guide
- Instructions
- DVD

Stoma

- Booklet
- DVD

Gastrostomy

- Booklet



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leaders in oral/enteral delivery

