

Information for Clinical Choice

Pressure Infusers

Introduction





Information for Clinical Choice (ICC) has been developed to assist Clinicians in the decision-making process when assessing the suitability of a product by providing a clear illustration and description of the features of a range of similar products supplied through NHS Supply Chain.



The criteria provided, in the form of a Product Matrix and Support Document, is the result of a product review, conducted by DHLs Clinical Procurement and Quality Assurance Team with support from clinical stakeholders from across the NHS as part of our assurance process.

The aim, alongside delivering savings back into NHS frontline services, is to ensure that clinical choice remains at the forefront of any product switching decision.


Pressure Infusers: Pressure Infusers

A manually operated device designed to increase/control the rate of an intravenous (IV) solution given to a patient by manually applying pressure directly to the infusion bag. It is typically a flexible inflatable bag/cuff with a pocket to hold the infusion bag. The scope of this document covers single patient use products, however reusable variations are available.

To Infuse 500ml container				
Supplier	Bluebox Medical (GB UK Healthcare)	Vyaire Medical	Bluebox Medical (GB UK Healthcare)	Fannin
Brand	InfuseIT	Vital Signs	InfuseIT	Infu-surge
MPC	ZIT-500	IN800020	ZIT-1000	4010H
NPC	FFF939	FFF2615	FFF940	FFF2613
Description	Pressure Infuser Disposable to pressurise fluids from container systems of 500ml - length 16cm +/-20% - width 13cm +/-20% - diameter 25.5cm +/-20% and 1 pint blood bags	Pressure Infuser Disposable to pressurise fluids from container systems of 500ml - length 16cm +/-20% - width 13cm +/-20% - diameter 25.5cm +/-20% and 1 pint blood bags	Pressure Infuser Disposable to pressurise fluids from container systems of 500ml - length 27cm +/-20% - width 11.5cm +/-20% - diameter 23cm +/-20%	Pressure Infuser Disposable to pressurise fluids from container systems of 500ml - length 27cm +/-20% - width 11.5cm +/-20% - diameter 23cm +/-20%
Picture				
Route	Stocked	e-Direct	Stocked	e-Direct
UOI	10	20	10	25
Single Patient Use	✓	✓	✓	✓
Latex Free	✓	✓	✓	✓
Palm fitting pump	✓	✓	✓	✓
Air control via thumbwheel or stopcock	✓	✓	✓	✓
Colour coded pressure gauge using green and red to show safe pressure range and over inflation respectively	✓	✓	✓	✓
Able to be hung on equipment, for example an IV pole	✓	✓	✓	✓
Front Panel material	Clear Panel	Clear Panel	Clear Panel	Mesh Panel
Pressure infuser holds the bag in such a way to ensure the pressure is consistent across the whole bag,	✓	✓	✓	✓
When inflated to the top of the green band, the pressure infuser must maintain an end of line pressure of 200mmHg for a minimum of: (data obtained from independent testing – average of 3 replicates)				
30 minutes on a 500ml fluid container containing 500ml fluid (mmHg)	299.6	328.7	293.2	298.9
30 minutes on a 500ml fluid container containing 350ml fluid (mmHg)	295.8	326.8	299.1	303.9
30 minutes on a 500ml fluid container containing 150ml fluid (mmHg)	253.8	281.2	277	283.4

To Infuse 1000ml container		
Supplier	Proact Medical	Vyaire Medical
Brand	Accu-PRO	Vital Signs
MPC	APP101000	IN900020
NPC	FFF2612	FFF2616
Description	Pressure Infuser Disposable to pressurise fluids from container systems of 1000ml	Pressure Infuser Disposable to pressurise fluids from container systems of 1000ml
Picture		
Route	e-Direct	e-Direct
UOI	10	20
Single Patient Use	✓	✓
Latex Free	✓	✓
Palm fitting pump	✓	✓
Air control via thumbwheel or stopcock	✓	✓
Colour coded pressure gauge using green and red to show safe pressure range and over inflation respectively	✓	✓
Able to be hung on equipment, for example an IV pole	✓	✓
Front Panel material	Mesh Panel	Clear Panel
Pressure infuser holds the bag in such a way to ensure the pressure is consistent across the whole bag,	✓	✓



To Infuse 3000ml container		
Supplier	Bluebox Medical (GB UK Healthcare)	Vyaire Medical
Brand	InfuseIT	Vital Signs
MPC	ZIT-3000	IN950006
NPC	FFF941	FFF2614
Description	Pressure Infuser Disposable to pressurise fluids from container systems of 3000ml	Pressure Infuser Disposable to pressurise fluids from container systems of 3000ml
Picture	No Image Available	
Route	Stocked	e-Direct
UOI	10	6
Single Patient Use	✓	✓
Latex Free	✓	✓
Palm fitting pump	✓	✓
Air control via thumbwheel or stopcock	✓	✓
Colour coded pressure gauge using green and red to show safe pressure range and over inflation respectively	✓	✓
Able to be hung on equipment, for example an IV pole	✓	✓
Front Panel material	Clear Panel	Mesh Panel
Pressure infuser holds the bag in such a way to ensure the pressure is consistent across the whole bag,	✓	✓



If you have any questions, would like further information, or have feedback to share, please contact:

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