

Information for Clinical Choice Matrix and Support Document

Intravenous Administration Tubing Extension Set Support Document

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.






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.








Intravenous Sets: Intravenous Administration Tubing Extension Set

A collection of tubing and connectors intended to establish an extension of tubing where the standard length of the tubing in an intravenous (IV) administration set is insufficient. This is a single-use device.

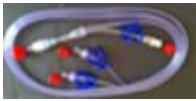

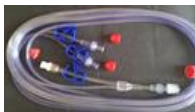



Extension sets for infusion lines support the clinician to tailor the set to the patient's needs, for example, permitting the intravenous catheter to be placed in any available extremity. Extension sets are available with in a variety of lengths and inbuilt features to support the clinician to deliver an infusion suitable for the clinical procedure and patients needs.



Gravity extension set triple lumen					
Suppliers	ICU Medical	Becton Dickinson UK Ltd	Vygon UK Ltd	Mediplus	Vygon UK Ltd
Brand	ICU Medical	BD Alaris	A-set	Mediplus	Vygon Octopus
MPC	011-H3785	500-003V	7300A	6510	0841361
NPC	FSB2355	FSW314	FSB1081	FSB1067	FSW297
Description	Triple lumen Male / Female Luer lock connection	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection	Triple lumen Anti-reflux valve x3 Male / Female Luer lock connection
Picture					
Route	Blue Diamond	Stocked	Blue Diamond	Stocked	Stocked
UOI	50	50	50	50	10
Material Lining	PUR	PE	PE	PVC	PUR
Sizes available	-	No further sizes available	No further sizes available	No further sizes available	No further sizes available
Latex-Free	✓	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓	✓
Length (total)	10 cm	15 cm	15 cm	15 cm	10 cm
ID	1 mm	1.8 mm - Gravity 1.7 mm - Pump 0.5 mm - Pump	1.85 mm - Gravity 1.7 mm - Pump 1.7 mm - Pump	1 - 2.6 mm	1.5 mm
Priming volume of product	0.51 ml	0.6 ml - Gravity 0.6 ml - Pump 0.3 ml - Pump	0.5 ml - Gravity 0.6 ml - Pump 0.3 ml - Pump	1.93 ml	0.38 ml
PSI	300	29	-	44	239
Clamp present (slide/pinch/roller)	✗	Pinch x 2 - Pump	Pinch x 2 - Pump	✗	Slide x3
Coloured Cap	White / White	Opaque / Opaque	Opaque / Opaque	Red / Red	White / White
Dead space	0.51 ml	0.6 ml - Gravity 0.6 ml - Pump 0.3 ml - Pump	Negligible	0.45 ml	Negligible
MRI Conditional	✓	No metal parts, plastic only	✓	Yes	✓
Rotating distal collar	✓	✓	✓	✓	✓
Reinforced	✗	Yes - Gravity	Yes - Gravity	✗	✗
Bonded	✓	✓	✓	✓	✓
Country of manufacture	Mexico	Bosnia	UK	UK	France

Gravity extension set triple lumen - TIVA (Part 1)							
Suppliers	Becton Dickinson UK Ltd	Becton Dickinson UK Ltd	Becton Dickinson UK Ltd	Fannin UK Ltd	Fannin UK Ltd	Fannin UK Ltd	Fannin UK Ltd
Brand	BD Alaris	BD Alaris	BD Alaris	Fannin	Fannin	Fannin	Fannin
MPC	500-013V	MFx2270	MFx2290	TT253E	TT223ER	TT223E	TT303E
NPC	FSW316	FSB472	FSB818	FFF907	FFF906	FFF905	FFF908
Description	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve x3 Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve x 3 Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)
Picture							
Route	edirect	eDirect	Stocked	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond
UOI	50	50	50	50	50	50	50
Material Lining	PE	PVC	PVC	PVC	PVC	PVC	PVC
Sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available
Latex-Free	✓	✓	✓	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓	✓	✓	✓
Length (total)	190 cm	200 cm	210 cm	250 cm	220 cm	220 cm	300 cm
ID	1.85 mm - Gravity 1.7 mm - Pump 0.5 mm - Pump	1.0 mm	1.0 mm	2.5 mm - Gravity 1.0 mm - Pump	2.5 mm - Gravity 1.0 mm - Pump	2.5 mm - Gravity 1.0 mm - Pump	2.5 mm - Gravity 1.0 mm - Pump
Priming volume of product	0.5 ml - Gravity 5.0 ml - Pump 4.7 ml - Pump	5.2 ml	4.3 ml	4.9 ml	4.3 ml	4.3 ml	5.7 ml
PSI	29	36	36	15	15	15	15
Clamp present (slide/pinch/roller)	Pinch x2 - Pump	Pinch x2 - Pump	Pinch x2 - Pump	Pinch x2 - Pump	Pinch x2 - Pump	Pinch x2 - Pump	Pinch x2 - Pump
Coloured Cap	Opaque / Opaque	White / White	White / White	Blue / Blue	Red / Red	Blue / Blue	Blue / Blue
Dead space	0.5 ml - Gravity 5.0 ml - Pump 4.7 ml - Pump	5.2 ml	4.3 ml	0.68 ml	0.68 ml	0.68 ml	0.68 ml
MRI Conditional	No metal parts, plastic only	No metal parts, plastic only	No metal parts, plastic only	✓	✓	✓	✓
Rotating distal collar	✓	✓	✓	✓	✓	✓	✓
Reinforced	Yes - Gravity	✗	✗	✗	✗	✗	✗
Bonded	✗	✓	✓	✓	✓	✓	✓
Country of manufacture	Bosnia	Germany	Germany	UK	UK	UK	UK



Gravity extension set triple lumen - TIVA (Part 2)							
Suppliers	Mediplus Ltd.	Mediplus Ltd.	Mediplus Ltd.	Mediplus Ltd.	Vygon UK Ltd	Vygon UK Ltd	Vygon UK Ltd
Brand	Mediplus	Mediplus	Mediplus	Mediplus	A-set	A-set	A-set
MPC	6603	6605	6606	6607	7300AL-A3LSET	7320BL	7330BL
NPC	FSB1929	FSB2354	FSB2278	FFF919	FSB1082	FSB1337	FSB1338
Description	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)	Triple lumen Anti-reflux valve Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)
Picture							
Route	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond
UOI	50	25	25	10	50	50	50
Material Lining	PVC	PVC	PVC	PVC	PE	PE	PE
Sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available
Latex-Free	✓	✓	✓	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓	✓	✓	✓
Length (total)	200 cm	250 cm	300 cm	600 cm	200 cm	200 cm	300 cm
ID	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.85 mm- Gravity 1.70 mm - Pump	1.85 mm- Gravity 1.70 mm - Pump	1.85 mm- Gravity 1.70 mm - Pump
Priming volume of product	3.64 ml	4.74 ml	5.52 ml	10.24 ml	0.5 ml - Gravity 5.0 ml - Pump 4.7 ml - Pump	0.5 ml - Gravity 4.75 ml - Pump 1.5 ml - Pump	0.5 ml - Gravity 7.00 ml - Pump 2.5 ml - Pump
PSI	44	44	44	44	-	-	-
Clamp present (slide/pinch/roller)	Pinch x3	Pinch x3	Pinch x3	Pinch x3	Pinch x2 - Pump	Pinch x2 - Pump	Pinch x2 - Pump
Coloured Cap	Red / Red	Red / Red	Red / Red	Red / Red	Opaque / Opaque	Opaque / Opaque	Opaque / Opaque
Dead space	0.31 ml	0.31 ml	0.31 ml	0.31 ml	Negligible	Negligible	Negligible
MRI Conditional	✓	✓	✓	✓	✓	✓	✓
Rotating distal collar	✓	✓	✓	✓	✓	✓	✓
Reinforced	✗	✗	✗	✗	Yes - Gravity	Yes - Gravity	Yes - Gravity
Bonded	✓	✓	✓	✓	✗	✓	✓
Country of manufacture	UK	UK	UK	UK	UK	UK	UK

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

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