

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 double lumen standard/ Anti-reflux & Anti-siphon valve				
Suppliers	B Braun Medical Ltd	Codan Ltd	Becton Dickinson UK Ltd	Vygon UK Ltd
Brand	B Braun LS connector	PVB	BD Alaris	A-Set
MPC	4097122	725001	500-002V	7200A-A2Set
NPC	FDC653	FSC017	FSW313	FSB1079
Description	Double lumen Male / Female Luer lock connection	Double lumen Male / Female Luer lock connection	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)
Picture				
Route	E-Direct	Blue Diamond	edirect	Blue Diamond
UOI	100	100	50	50
Material Lining	PVC	PVC	PE	PE
Sizes available	No further sizes available	No further sizes available	No further sizes available	8 cm
Latex-Free	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓
Length (total)	15 cm	30 cm	15 cm	10 cm
ID	3.0 mm	3.0 mm	1.7 mm	1.7 mm
Priming volume of product	1.6 ml	-	0.5 ml - Gravity 0.6 ml - Pump	0.5 ml 0.6 ml
PSI	29	7.25	29	-
Clamp present (slide/pinch/roller)	✗	Slide clamp x2	Yes - Pump	Pinch x 1 - Pump
Coloured Cap	Opaque / Opaque	Beige/Transparent	Opaque / Opaque	Opaque/Clear
Dead space	-	-	0.5 ml - Gravity 0.6 ml - Pump	Negligible
MRI Conditional	✓	✗	No metal parts, plastic only	✓
Rotating distal collar	✗	✗	✓	✓
Reinforced	✗	✗	Yes - Gravity	Yes - Gravity
Bonded	✓	✓	✓	✓
Country of manufacture	Germany	Germany	Bosnia	UK

Gravity Extension set double lumen Anti-reflux valve							
Supplier	Becton Dickinson UK Ltd	Codan Ltd	Medicina Ltd	Mediplus Ltd	Smiths Medical International Ltd	Vygon UK Ltd	Wescott Medical Ltd
Brand	Sendal	Codan	HMC	Mediplus	Smiths Medical Medex	Vygon Protect-A-Line	Wescott Medical
MPC	PCA-04	723161	MCI/314A	6517	MX611-RV	0832.03R	WEARY 2
NPC	FSB892	FSC128	FFF926	FFF875	FKA752	FSB170	FSB999
Description	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection	Double lumen Anti-reflux valve x2 Male / Female Luer lock connection
Picture							
Route	Stocked	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond	Stocked	Stocked
UOI	1	100	100	50	50	1	1
Material Lining	PVC	PVC	PE	PVC	PVC	PE	PVC
Sizes available	No further sizes available	No further sizes available	10 cm	No further sizes available	No further sizes available	15 cm	No further sizes available
Latex-Free	✓	✓	✓	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓	✓	✓	✓
Length (total)	25 cm	10 cm	10 cm	16 cm	13 cm	15 cm	18 cm
ID	-	0.9 mm	1.5 mm	2.0 mm	-	1.7 mm	2.5 mm
Priming volume of product	2.10 ml	0.48 ml	1.10 ml	1.28 ml	0.03 ml	0.5 ml 0.6 ml	1.7 ml
PSI	44	29	-	44	-	350	45
Clamp present (slide/pinch/roller)	Pinch x2	Slide x2	Slide x2	Pinch x2	✗	Pinch x2	Pinch x1
Coloured Cap	Opaque / Opaque	White / White	Opaque/Opaque	Red / Red	Opaque / Opaque	Opaque/Opaque	Blue / Blue
Dead space	2.10 ml	-	0.4 ml	0.55 ml	0.03 ml	Negligible	1.3 ml
MRI Conditional	No metal parts, plastic only	✓	✗	✓	✗	✓	✓
Rotating distal collar	✓	✗	✓	✓	✓	✓	✓
Reinforced	✗	✗	✗	✗	✗	✓	✗
Bonded	✓	✓	✓	✓	✓	✓	✓
Country of manufacture	Spain	Germany	Italy	UK	USA	France	UK

Gravity extension set double lumen - TIVA (Part 1)						
Supplier	Becton Dickinson UK Ltd	Becton Dickinson UK Ltd	Becton Dickinson UK Ltd	Fannin UK Ltd	Fannin UK Ltd	Mediplus Ltd
Brand	BD Alaris	BD Alaris	BD Alaris	Fannin	Fannin	Mediplus
MPC	500-012V	MF2271	MF2291	TT202E	TT302E	6610
NPC	FSW315	FSB473	FSB820	FFF903	FFF904	FSB2120
Description	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-siphon valve x2 Male / Female Luer lock connection (TIVA)
Picture						
Route	E-Direct	eDirect	Stocked	Blue Diamond	Blue Diamond	Blue Diamond
UOI	50	50	50	50	50	50
Material Lining	PE	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
Latex-Free	✓	✓	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓	✓	✓
Length (total)	220 cm	210 cm	209 cm	200 cm	300 cm	200 cm
ID	1.85 mm - Gravity 1.7 mm - Pump	1.0 mm Y is wider	1.0 mm	2.5 mm - Gravity 1.0 mm - Pump	2.5 mm - Gravity 1.0 mm - Pump	1.0 mm
Priming volume of product	0.5 ml - Gravity 5.1 ml - Pump	3.0 ml	2.3 ml	2.2 ml	3.0 ml	3.23 ml
PSI	29	36	36	15	15	44
Clamp present (slide/pinch/roller)	Pinch x 1 - Pump	Pinch x 1 - Pump	Pinch x 1 - Pump	Pinch x 1 - Pump	Pinch x 1 - Pump	Pinch x2
Coloured Cap	Opaque / Opaque	White / Opaque	White / Blue	Blue / Blue	Blue / Blue	Red / Red
Dead space	0.5 ml - Gravity 5.1 ml - Pump	3.0 ml	2.3 ml	0.60 ml	0.60 ml	0.58 ml
MRI Conditional	No metal parts, plastic only	No metal parts, plastic only	No metal parts, plastic only	✓	✓	✓
Rotating distal collar	✓	✓	✓	✓	✓	✓
Reinforced	Yes - Gravity	✗	✗	Device to prevent kinking	Device to prevent kinking	✗
Bonded	✗	✓	✓	✓	✓	✓
Country of manufacture	Bosnia	Germany	Germany	UK	UK	UK



Gravity extension set double lumen - TIVA (Part 2)					
Supplier	Mediplus Ltd	Mediplus Ltd	Vygon UK Ltd	Vygon UK Ltd	Wescott Medical Ltd
Brand	Mediplus	Mediplus	A-Set	A-Set	Sae-Flo
MPC	6604	6202	7220BL	7200L -A2LSET	WEPCA200AY
NPC	FFF876	FSB2289	FSB1336	FSB1080	FSB1176
Description	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection (TIVA)
Picture					
Route	Blue Diamond	E-Direct	Blue Diamond	Blue Diamond	Stocked
UOI	50	50	50	50	32
Material Lining	PE	PE	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
Latex-Free	✓	✓	✓	✓	✓
DEHP-Free	✓	✓	✓	✓	✓
Length (total)	200 cm	250 cm	200 cm	210 cm	217 cm
ID	1.0 mm	1.0 mm	1.85 mm	1.7 mm	1.3 mm
Priming volume of product	2.78 ml	2.87 ml	0.5 ml 4.75 ml	0.5 ml 5.1 ml	4.5 ml
PSI	44	44	-	-	45
Clamp present (slide/pinch/roller)	Pinch x2	Pinch x1 - Gravity	Pinch - Pump	Pinch x 1 - Pump	Pinch - Pump
Coloured Cap	Red / Red	Red / Red	Opaque/Opaque	Opaque/Opaque	White / Blue
Dead space	0.54 ml	0.71 ml	Negligible	Negligible	1.3 ml
MRI Conditional	✓	✓	✓	✓	✓
Rotating distal collar	✓	✓	✓	✓	✓
Reinforced	✗	Device to prevent kinking	Yes - Gravity	Yes - Gravity	✗
Bonded	✓	✓	✓	✓	-
Country of manufacture	UK	UK	UK	UK	Germany

Gravity extension set double lumen with extension / Anti-reflux valve/Standard						
Supplier	Becton Dickinson UK Ltd	Becton Dickinson UK Ltd	Codan Ltd	Wescott Medical Ltd	365 Healthcare	365 Healthcare
Brand	Alaris CC	Sendal	CODAN	SAEFLOMD	Universal	Universal
MPC	30852	PCA-01	723187	WEPCA200AS-Y	UNANB800	UNAYT550
NPC	FKA039	FSB886	FDF2272	FFF887	FSB798	FSB787
Description	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection	Double lumen Anti-reflux valve Anti-siphon valve Male / Female Luer lock connection	Double lumen Male / Female Luer lock connection	Double lumen Male / Female Luer lock connection
Picture						
Route	Stocked	Stocked	Blue Diamond	Blue Diamond	Blue Diamond	Blue Diamond
UOI	1	1	100	32	50	50
Material Lining	PVC	PVC	PVC	PE	PVC	PVC
Sizes available	No further sizes available	No further sizes available	No further sizes available	No further sizes available	-	-
Latex-Free	✓	✓	✓	✓	-	-
DEHP-Free	✓	✓	✓	✓	-	-
Length (total)	183 cm	176 cm	300 cm	200 cm	-	-
ID	0.6 mm	1.5 mm	0.9 mm	1.3 mm	-	-
Priming volume of product	1.8 ml	3.38 ml	2.67 ml	3.2 ml x 2	-	-
PSI	-	44	29	45	-	-
Clamp present (slide/pinch/roller)	Pinch x2	Slide x1	Slide x2	Pinch x2	-	-
Coloured Cap	Blue / White	White / Opaque	White / White	Blue	-	-
Dead space	1.8 ml	3.38 ml	-	0.3ml	-	-
MRI Conditional	No metal parts, plastic only	No metal parts, plastic only	✓	✓	-	-
Rotating distal collar	✗	✓	✗	✗	-	-
Reinforced	✗	✗	✗	✗	-	-
Bonded	✓	✓	✓	✓	-	-
Country of manufacture	Mexico	Spain	Germany	Germany	-	-

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

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