





# DaVINCI Preinstrumented Models




## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
<b>JUGULAR</b>						
 SHEEP	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	(P) Special	2000
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	(P) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P	Delivery, Sample Collection, Infuse	Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S	Delivery, Sample Collection, Infuse	Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 SHEEP	<b>CAROTID</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>FEMORAL A</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 SHEEP	<b>FEMORAL V</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>PORTAL</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 SHEEP	<b>HEPATIC</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	2000
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>LATERAL VENTRICLE</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A	
Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A	


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 <b>GOAT</b>	<b>JUGULAR</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P	Delivery, Sample Collection, Infuse	Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S	Delivery, Sample Collection, Infuse	Acute	Silicone	N/A
	<b>CAROTID</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 <b>GOAT</b>	<b>FEMORAL A</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>FEMORAL V</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A

## VENOUS AND ARTERIAL CANNULATION


ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
	<b>PORTAL</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>HEPATIC</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	2000
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A

## VENOUS AND ARTERIAL CANNULATION


ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
<b>GOAT</b>  	<b>LATERAL VENTRICLE</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A




## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
<b>SWINE</b>  	<b>JUGULAR</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P	Delivery, Sample Collection, Infuse	Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S	Delivery, Sample Collection, Infuse	Acute	Silicone	N/A
	<b>CAROTID</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 <b>SWINE</b>	<b>FEMORAL A</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>FEMORAL V</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


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ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 SWINE	<b>PORTAL</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>HEPATIC</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	2000
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 <b>SWINE</b>	<b>LATERAL VENTRICLE</b>					
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	2000
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
 <b>CANINE</b>	<b>JUGULAR</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P	Delivery, Sample Collection, Infuse	Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S	Delivery, Sample Collection, Infuse	Acute	Silicone	N/A
	<b>CAROTID</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	(S) Special	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A	


## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
<b>CANINE</b>  	<b>FEMORAL A</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>FEMORAL V</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A	

## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
	<b>PORTAL</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A
	<b>HEPATIC</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	1700
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-P	Delivery, Sample Collection, Infuse	Chronic/Acute	Polyurethane	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A	

## VENOUS AND ARTERIAL CANNULATION

ANIMAL	MODEL	SYSTEM	USAGE	TERM	CATHETER POLYURETHANE (P), and/or SILICONE (S)	NUMBER OF INJECTIONS W/ NEEDLE
<b>CANINE</b>  	<b>LATERAL VENTRICLE</b>					
	Vascular - <b>Subcutaneous</b>	Port: L-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Port: XL-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Subcutaneous</b>	Dual Port: XLD-ISC-S	Delivery, Sample Collection, Infuse	Chronic/Acute	Silicone	1700
	Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-P		Acute	Polyurethane	N/A
Vascular - <b>Percutaneous</b>	Cannula: C9-58-90-S		Acute	Silicone	N/A	