

Fluid Displacement Study

Laboratory No. 301988

Intraluminal Protection System

InVision-Plus®

with Neutral Advantage™ Technology

TABLE 1 I.V. Line Detachment for RyMed Sample							
Sample	Replicate #1	Replicate #2	Replicate #3	Replicate #4	Replicate #5	Mean (mL)	%RSD*
1	0.003 mL	0.003 mL	0.002 mL	0.001 mL	0.000 mL	0.0019	70.7
2	0.001 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0001	200.0
3	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
4	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
5	0.000 mL	0.001 mL	0.000 mL	0.000 mL	0.000 mL	0.0002	200.0
6	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
7	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
8	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
9	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
10	0.000 mL	0.000 mL	0.000 mL	0.002 mL	0.000 mL	0.0003	200.0
11	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
OVERALL						0.0002	ERR

*Percent RSD values are high due to the small numbers in the data used to perform the calculation.

TABLE 2 I.V. Line Attachment for RyMed Sample							
Sample	Replicate #1	Replicate #2	Replicate #3	Replicate #4	Replicate #5	Mean (mL)	%RSD*
1	0.006 mL	0.000 mL	0.001 mL	0.000 mL	0.000 mL	0.0014	166.6
2	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
3	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
4	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
5	0.011 mL	0.010 mL	0.000 mL	0.003 mL	0.000 mL	0.0048	99.8
6	0.000 mL	0.007 mL	0.003 mL	0.000 mL	0.022 mL	0.0064	128.3
7	0.011 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0022	200.0
8	0.000 mL	0.000 mL	0.000 mL	0.006 mL	0.013 mL	0.0038	135.6
9	0.006 mL	0.009 mL	0.000 mL	0.010 mL	0.002 mL	0.0054	71.8
10	0.000 mL	0.000 mL	0.000 mL	0.003 mL	0.000 mL	0.0006	200.0
11	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.000 mL	0.0000	ERR
OVERALL						0.0022	ERR

*Percent RSD values are high due to the small numbers in the data used to perform the calculation.

TABLE 3 Summary of Results		
Sample	ATTACHMENT	DETACHMENT (AVG.)
InVision-Plus®	0.0022 mL (+)	0.0002 mL (-)

(-) Negative fluid movement (+) Positive fluid movement

Testing performed by Nelson Laboratories, Inc., Salt Lake City, UT Sept 2005