

Cantata® Microcatheter

Flow Rates

Cantata 2.5 and Cantata 2.5 Duo Microcatheter*

The infusion dynamic pressure should not exceed 1200 psi (82.7 bar). The static pressure should not exceed 300 psi (20.6 bar).

PSI (bar)	Infusion Medium	Catheter Length (cm)			
		100	110	135	150
100 (6.8)	RenoCal 76	0.15	0.13	0.07	0.04
	100% Saline	0.95	0.93	0.89	0.86
	100% Omnipaque*** (lohexol) 300 mg/mL	0.19	0.18	0.17	0.16
300 (20.6)	RenoCal 76	0.39	0.36	0.31	0.27
	100% Saline	1.46	1.44	1.40	1.38
	100% Omnipaque*** (lohexol) 300 mg/mL	0.49	0.48	0.47	0.46
600 (41.3)	RenoCal 76	0.74	0.71	0.66	0.62
	100% Saline	2.23	2.21	2.17	2.15
	100% Omnipaque*** (lohexol) 300 mg/mL	0.94	0.94	0.92	0.91
1200 (82.7)	RenoCal 76	1.55	1.43	1.31	1.19
	100% Saline	3.84	3.55	3.30	3.30
	100% Omnipaque*** (lohexol) 300 mg/mL	1.60	1.60	1.60	1.60

Cantata 2.8 and Cantata 2.8 Duo Microcatheter*

The infusion dynamic pressure should not exceed 1000 psi (68.9 bar). The static pressure should not exceed 300 psi (20.6 bar).

PSI (bar)	Infusion Medium	Catheter Length (cm)			
		100	110	135	150
100 (6.8)	100% Saline	1.8	1.7	1.6	1.5
	100% Omnipaque*** (lohexol) 300 mg/mL	0.4	0.3	0.3	0.2
300 (20.6)	100% Saline	2.6	2.5	2.3	2.2
	100% Omnipaque*** (lohexol) 300 mg/mL	1.2	1.1	0.9	0.8
900 (62.0)	100% Saline	5.1	4.8	4.4	4.2
	100% Omnipaque*** (lohexol) 300 mg/mL	3.5	3.3	2.8	2.6

Cantata 2.9 Microcatheter*

The infusion dynamic pressure should not exceed 1000 psi (68.9 bar). The static pressure should not exceed 300 psi (20.6 bar).

PSI (bar)	Infusion Medium	Catheter Length (cm)			
		100	110	135	150
100 (6.8)	100% Saline	2.2	2.2	2.0	1.9
	100% Omnipaque*** (lohexol) 300 mg/mL	0.6	0.5	0.4	0.3
	100% ISOVUE**** (iopamidol) 370 mg/mL	0.3	0.3	0.2	0.2
	100% ISOVUE**** (iopamidol) 300 mg/mL	0.8	0.7	0.5	0.4
300 (20.6)	100% Saline	3.2	3.1	2.8	2.7
	100% Omnipaque*** (lohexol) 300 mg/mL	1.5	1.3	1.1	1.0
	100% ISOVUE**** (iopamidol) 370 mg/mL	0.9	0.8	0.7	0.6
	100% ISOVUE**** (iopamidol) 300 mg/mL	1.8	1.6	1.3	1.2
600 (41.3)	100% Saline	4.6	4.4	4.0	3.8
	100% Omnipaque*** (lohexol) 300 mg/mL	2.8	2.6	2.2	2.0
	100% ISOVUE**** (iopamidol) 370 mg/mL	1.9	1.7	1.4	1.2
	100% ISOVUE**** (iopamidol) 300 mg/mL	3.3	3.1	2.6	2.3
1000 (68.9)	100% Saline	6.5	6.2	5.6	5.3
	100% Omnipaque*** (lohexol) 300 mg/mL	4.6	4.2	3.6	3.3
	100% ISOVUE**** (iopamidol) 370 mg/mL	3.1	2.8	2.3	2.1
	100% ISOVUE**** (iopamidol) 300 mg/mL	5.4	5.0	4.2	3.9

*Microcatheter flow rates are approximate values. Omnipaque and ISOVUE warmed to 37° C. Saline at room temperature (21° C).

**Omnipaque is a registered trademark of Amersham Health, Princeton, New Jersey.

***ISOVUE is a registered trademark of Bracco Diagnostics Inc.

