

Power injection

The following guidelines provide assistance in making catheter-related decisions when power injecting through the BD Nexiva Closed IV Catheter System.

- 18-22 gauge catheter systems are suitable for use with power injectors set to a maximum pressure of 300 and within maximum flow rate recommendations (see tables), when the access ports are removed and a direct connection is made (Fig. 1).
- 24 gauge catheter systems should not be used with power injectors.
- The patency of the catheter system must be assured immediately before power injecting.
- Measures should be taken to avoid kinking or obstruction of the catheter system during power injection to avoid product failure.
- Warming contrast media, per manufacturers recommendations, can reduce the pressure necessary to achieve recommended flow rates.

22 Gauge all lengths

Contrast Media (@ 22°C)	Flow Rate (mL/sec)
Isovue 300	3.0
Optiray 320	3.0
Omnipaque 300	3.0
Optiray 350	3.0
Isovue 370	3.0
Omnipaque 350	3.0
Visipaque 320	3.0

20 Gauge all lengths

Contrast Media (@ 22°C)	Flow Rate (mL/sec)
Isovue 300	5.5
Optiray 320	5.5
Omnipaque 300	5.5
Optiray 350	4.5
Isovue 370	4.5
Omnipaque 350	4.0
Visipaque 320	4.0

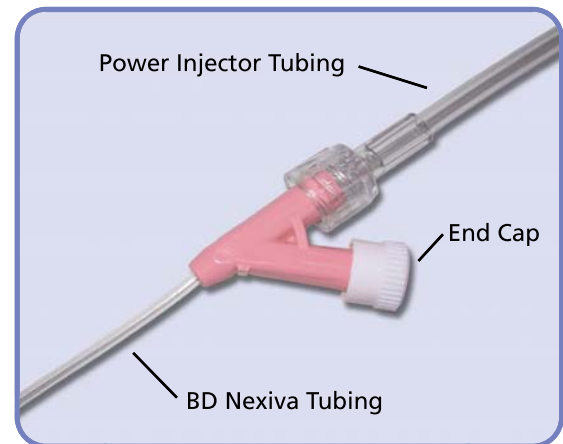
18 G X 1.25 IN

Contrast Media (@ 22°C)	Flow Rate (mL/sec)
Isovue 300	7.0
Optiray 320	6.5
Omnipaque 300	6.5
Optiray 350	5.5
Isovue 370	5.0
Omnipaque 350	5.0
Visipaque 320	4.0

18 G X 1.75 IN

Contrast Media (@ 22°C)	Flow Rate (mL/sec)
Isovue 300	7.0
Optiray 320	6.0
Omnipaque 300	6.0
Optiray 350	5.0
Isovue 370	5.0
Omnipaque 350	4.5
Visipaque 320	4.0

Fig. 1



For additional questions call BD Medical at 1.888.237.2762.

BD Medical
9450 South State Street
Sandy, UT 84070
www.bd.com
D15678-2B (6/07)