BD Nexiva™
Closed IV Catheter System—Single Port

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 PSI 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 manufacturer's recommendations, can reduce the pressure necessary to achieve recommended flow rates.

22 Gauge
all lengths

CONTRAST MEDIA (at 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 (at 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 (at 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 (at 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

- Power Injector Tubing
- BD Nexiva Tubing
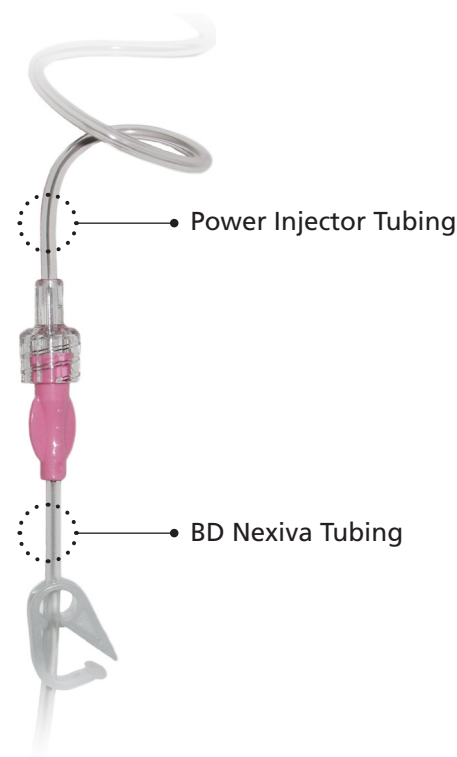
The contrast media listed in the tables are the only media that BD has tested. For any media not listed in the tables, consult the contrast media manufacturer.

Consult product insert for complete instructions, warnings and cautions.

For additional questions call BD Medical at 1.888.237.2762.

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