

# BD Nexiva Diffusics™ Closed IV Catheter System

For radiographic power injection  
Points to practice and tips for success

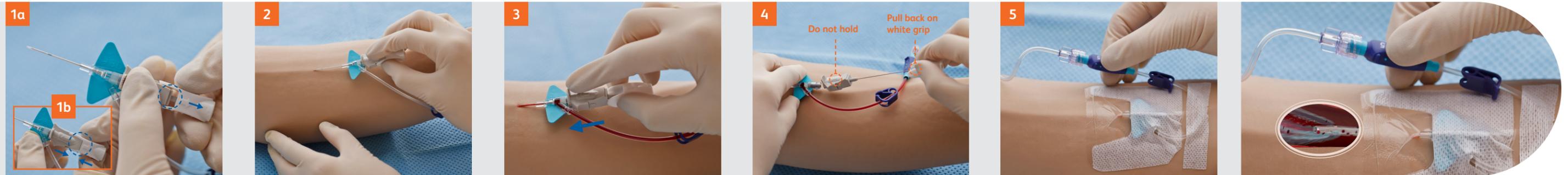


## Power injection guidelines

All gauge sizes are suitable for use with power injectors set to a **maximum pressure of 325 psi** when access ports not suitable for use with power injectors are removed.

The catheter system has been tested at the listed flow rates; however, due to variations in add-on devices, tubing, contrast media, temperature and pressure limit settings these flow rates may not be achievable.

## Points to practice



### Preparation

- Secure the vent plug.
- The clamp should not be engaged.
- Twist to remove the needle cover.
- Holding as shown, pull back approximately 1/8" on the finger grips (Fig. 1a).
- Push the finger grips back to their original position so the gray push tab piece and the white finger grips are snugly together (Fig. 1b).

### Insertion and flashback

- Access the vessel (Fig. 2).
- The initial blood return is along the catheter, then up the extension tube.

**Note:** Once you see blood return, lower the catheter angle and advance the entire catheter and needle unit slightly to ensure the catheter tip, and not just the needle tip, is within the vessel.

### Advancement

- While stabilizing the vessel, with the pad of your index finger behind the gray push tab, push the catheter forward while holding the white finger grips stationary (Fig. 3).

**Note:** Blood return will advance up the extension tubing as the needle is being removed out of the catheter.

### Needle removal

- Stabilize the platform and pull back on the white finger grip until the gray tab component releases from the stabilization platform (Fig. 4).
- Discard the shielded needle into a puncture-resistant, leak-proof sharps container.

**Caution:** Do not hold the gray component of the device as this will prevent the release of the shielded needle.

### Stabilization and preparation

- Apply a transparent dressing to cover the septum, allowing maximum use of the extension.
- Engage the clamp.
- Remove the vent plug.

- Do one of the following according to your facility's protocol:
  - Attach the administration tubing, release the clamp and begin infusion (Fig. 5).
  - or
  - Flush the system, re-engage the clamp and attach the dead-end cap or a primed needle-free connector indicated for power injection.

**This poster is not a replacement for the Instructions for Use.**

Refer to package insert for complete instructions for safety information, instructions, and warnings, etc.

BD, Sandy, UT 84070, U.S.

1.888.237.2762

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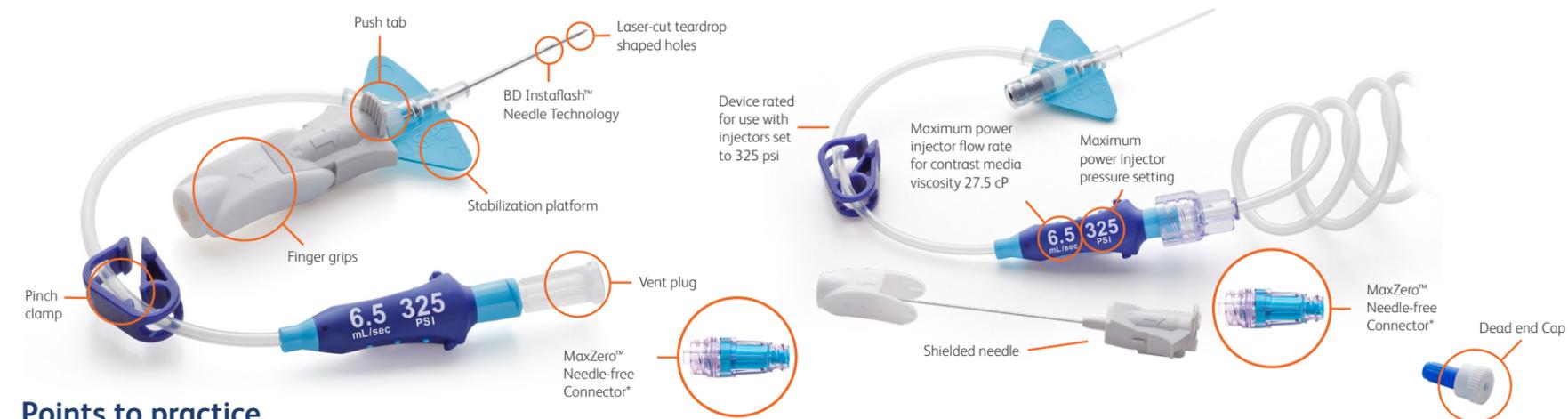
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Scan this code to watch a video on how to use the BD Nexiva Diffusics™ Closed IV Catheter System



# BD Nexiva Diffusics™ Closed IV Catheter System with MaxZero™ Needle-free Connector™

For radiographic power injection **Points to practice** and **tips for success**



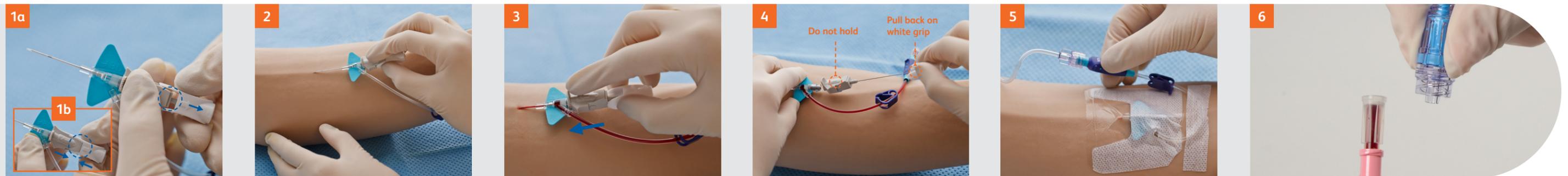
## Power injection guidelines

All gauge sizes are suitable for use with power injectors set to a **maximum pressure of 325 psi** when access ports not suitable for use with power injectors are removed.

The catheter system has been tested at the listed flow rates; however, due to variations in add-on devices, tubing, contrast media, temperature and pressure limit settings these flow rates may not be achievable.

\*BD Nexiva Diffusics™ can be ordered with and without MaxZero™ Needle-free Connector. Dead end cap is always included.

## Points to practice



### Preparation

- Secure the vent plug.
- The clamp should not be engaged.
- Twist to remove the needle cover.
- Holding as shown, pull back approximately 1/8" on the finger grips (Fig. 1a).
- Push the finger grips back to their original position so the gray push tab piece and the white finger grips are snugly together (Fig. 1b).

### Insertion and flashback

- Access the vessel (Fig. 2).
- The initial blood return is along the catheter, then up the extension tube.

**Note:** Once you see blood return, lower the catheter angle and advance the entire catheter and needle unit slightly to ensure the catheter tip, and not just the needle tip, is within the vessel.

### Advancement

- While stabilizing the vessel, with the pad of your index finger behind the gray push tab, push the catheter forward while holding the white finger grips stationary (Fig. 3).

**Note:** Blood return will advance up the extension tubing as the needle is being removed out of the catheter.

### Needle removal

- Stabilize the platform and pull back on the white finger grip until the gray tab component releases from the stabilization platform (Fig. 4).
- Discard the shielded needle into a puncture-resistant, leak-proof sharps container.

**Caution:** Do not hold the gray component of the device as this will prevent the release of the shielded needle.

### Stabilization

- Apply a transparent dressing to cover the septum, allowing maximum use of the extension.

### Preparation for use

- Engage the clamp.
- Prime the MaxZero™ Needle-free Connector.
- Remove the vent plug and attach the primed MaxZero™ Needle-free Connector (Fig. 6).
- Release the clamp and flush.

**This poster is not a replacement for the Instructions for Use.**

Refer to package insert for complete instructions for safety information, instructions, and warnings, etc.

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