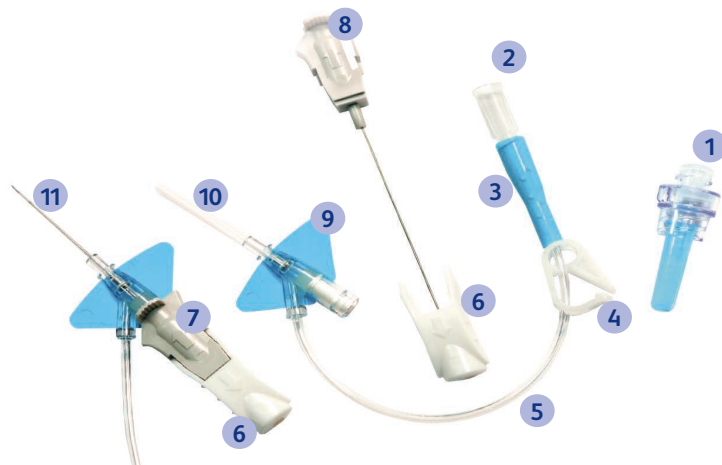


BD Nexiva™ Closed IV Catheter System - Single port

Points to practise

BD Nexiva™ Closed IV Catheter System



1. BD Q-Syte™ closed Luer Access
2. Air Vent
3. Single Lumen Port
4. Pinch Clamp
5. Extension set
6. Finger grips
7. Needle safety shield
8. Needle safety shield
9. Stabilisation Platform
10. BD Vialon™ Catheter
11. BD Instaflash™ Needle Technology

BD Nexiva™ accommodates a variety of grips:



Ported technique



Straight technique



Winged technique

1. Preparation

Adhere to Aseptic Non-Touch Technique (ANTT®) throughout the procedure.

Follow the hospital guidance for optimal vein selection and cannula gauge selection for the patient.

2. Insertion

Disinfect the cannula site with a 2% Chlorhexidine Gluconate (CHG) with 70% Isopropyl Alcohol (IPA) applicator.

Ensure to disinfect the full area of skin that will be covered by the dressing.

Allow the area to fully air dry. Apply a single use tourniquet.

Pull the needle back by 3mm and reinsert into the cannula to ensure the mechanism is easy to remove.

Adopt your preferred grip and remove needle cover.

DO NOT touch the insertion area or re-palpate before accessing the vein.

Stabilise the vein and insert the cannula at a low angle.



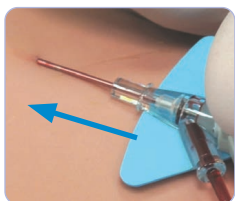
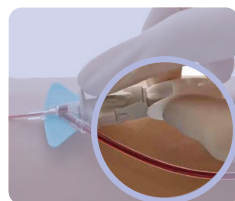
Primary flashback will be seen in the cannula.



3. Advancement

Lower the angle almost parallel to the skin (upon primary flashback). Then advance the catheter 2-3 mm, secondary flashback will be visible between the needle and the cannula.

Fully advance the cannula forward off the needle and insert completely in to the vein. Then release tourniquet before proceeding further. Note continued flashback along the extension tube confirming vein entry.



4. Needle Removal

Hold the wings and withdraw the needle, the safety mechanism will activate. **Do not hold onto the needle protection.** Dispose of the needle into a nearby sharps container.



5. Stabilisation

Stabilise the cannula to the patient, apply a sterile semi-permeable dressing and date the dressing according to local policy.



Follow Preparation for use steps to verify the correct placement of the cannula.

Guidance for use:



Throughout the procedure maintain Aseptic Non-Touch Technique (ANTT®)



Engage pinch clamp.



Prime a suitable needle-free connector, using a 0.9% sodium chloride flush syringe. Remove air vent.



Attach the primed needle free connector. If ANTT® has not been maintained, disinfect the needle free connector as per your hospital policy



Attach the flush to the needle-free connector access point. Do not over tighten. Disengage the clamp. Flush the cannula to verify correct placement and to prevent occlusion using a push pause flushing technique to create a turbulent flow.



To avoid catheter reflux, finish flushing with a positive clamping sequence by re-engaging the pinch clamp at the same time as the final flush is complete prior to disconnecting.



BD Nexiva™ Closed IV Catheter System - Dual port

Points to practise

1. Preparation

- Adhere to Aseptic Non-Touch Technique (ANTT®) throughout the procedure.
- Follow the hospital guidance for optimal vein selection and cannula gauge selection for the patient.

2. Insertion

- Disinfect the cannula site with a 2% Chlorhexidine Gluconate (CHG) with 70% Isopropyl Alcohol (IPA) applicator.
- Ensure to disinfect the full area of skin that will be covered by the dressing.
- Allow the area to fully air dry.
- Apply a single use tourniquet.
- Pull the needle back by 3mm and reinsert into the cannula to ensure the mechanism is easy to remove.
- Adopt your preferred grip and remove needle cover.

DO NOT touch the insertion area or re-palpate before accessing the vein.

- Stabilise the vein and insert the cannula at a low angle.



- Primary flashback will be seen in the cannula.



3. Advancement

- Lower the angle almost parallel to the skin (upon primary flashback). Then advance the catheter 2-3 mm, secondary flashback will be visible between the needle and the cannula.
- Fully advance the cannula forward off the needle and insert completely in to the vein. Then release tourniquet before proceeding further.
- Note continued flashback along the extension tube confirming vein entry.



4. Needle Removal

Hold the wings and withdraw the needle, the safety mechanism will activate. **Do not hold onto the needle protection.** Dispose of the needle into a nearby sharps container.

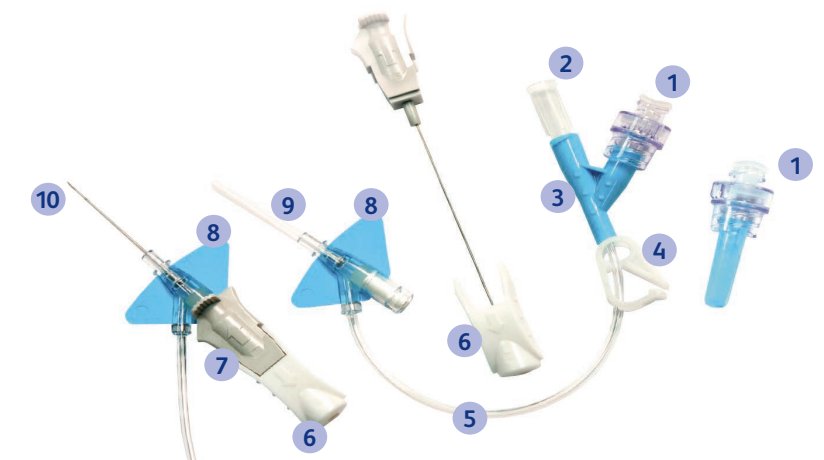


5. Stabilisation

- Stabilise the cannula to the patient, apply a sterile semi-permeable dressing and date the dressing according to local policy.
- Follow Preparation for use steps mentioned on the next page.... to verify the correct placement of the cannula.



BD Nexiva™ Closed IV Catheter System - Dual port



- | | |
|----------------------------------|--|
| 1. BD Q-Syte™ Closed Luer Access | 7. Needle safety shield (when activated) |
| 2. Air Vent | 8. Stabilisation Platform |
| 3. Y Adapter | 9. BD Vialon™ Catheter |
| 4. Pinch Clamp | 10. BD Instaflash™ Needle Technology |
| 5. Extension Tubing | |
| 6. Finger Grips | |

BD Nexiva™ accommodates a variety of grips:



Ported technique



Straight technique



Winged technique

Please see reverse for more information.



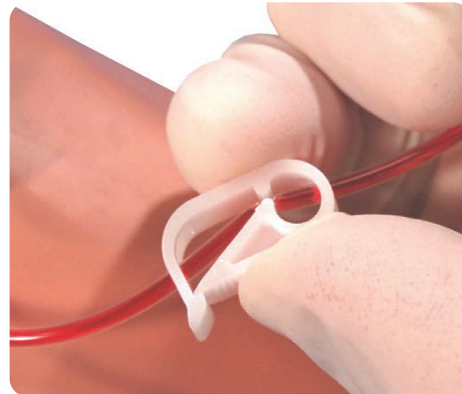
BD Nexiva™ Closed IV Catheter System - Dual port

Points to practise

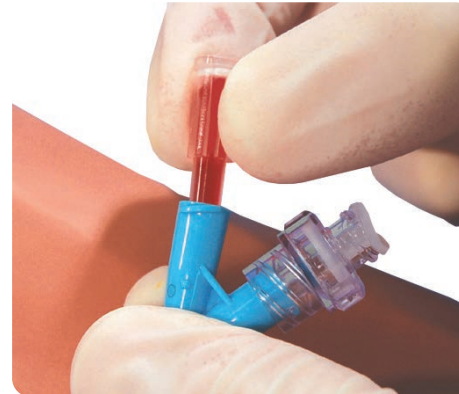
Preparation for use:



Throughout the procedure maintain Aseptic Non-Touch Technique (ANTT®)



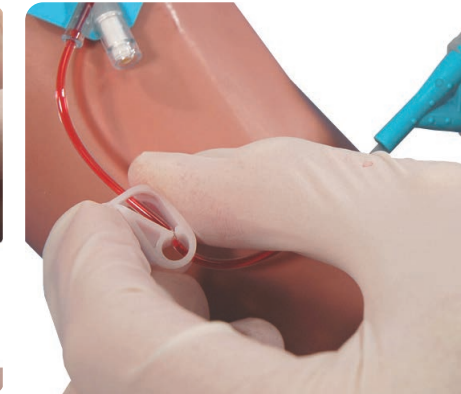
Engage pinch clamp.



Remove air vent. Prime the second BD Q-Syte™, contained within the packet, using a 0.9% sodium chloride flush syringe.



Attach the primed second BD Q-Syte™. Remember to disinfect both BD Q-Syte™ access ports with an appropriate cleaning agent, as per hospital policy and allow to dry prior to flushing.



Disengage the clamp. Flush the cannula to verify correct placement and to prevent occlusion using a push pause flushing technique.

Remember to flush both ports maintaining the aseptic technique during procedure.



To avoid catheter reflux, finish flushing with a positive clamping sequence by re-engaging the pinch clamp at the same time as the final flush is complete prior to disconnecting.

Care and maintenance:



Throughout the procedure maintain Aseptic Non-Touch Technique (ANTT®)



Disinfect both access ports with an appropriate cleaning agent, as per your hospital policy and allow to dry.



Attach syringe until secure.

Do not over-tighten.



Flush until clear using a push pause technique to generate turbulent flow.

Remember to flush both ports maintaining the aseptic technique during procedure.



To avoid catheter reflux, finish flushing with a positive clamping sequence by re-engaging the pinch clamp at the same time as the final flush is complete prior to disconnecting.

Please dispose of sharps as per your local policy.

bduk_customerservice@bd.com

Phone: 0800 917 8776

Becton, Dickinson U.K. Limited, 1030 Eskdale Road, Winnersh Triangle, Wokingham, RG41 5TS

bd.com/en-uk



BD Nexiva™ Dual Port Closed IV Cannula System

Care and Maintenance

BD Nexiva™ Dual Port: Integrated dual ported system single lumen extension

- Ensure to tighten and flush the second port after insertion. Remember when flushing: “One Syringe, One Patient, One Time”
- Always “Scrub the Hub” and allow to dry before accessing - following hospital policy
- Flush using a “push-pause” technique, clamping on positive pressure to ensure patency
- The clamp should be closed and the fluid pathway should be clear after flushing when not in use
- When dressing, place the dressing so the extension exits through the gap and the insertion point and stabilisation platform are completely covered but visible



BD Nexiva™ dual port closed IV cannula system

BD Q-Syte™: Split Septum Luer Access Device

- Prime the second BD Q-Syte™
- “Scrub the Hub” and allow to dry before accessing – following hospital policy
- Attach ‘luer-lock’ or ‘luer-slip’ devices securely when using BD Q-Syte™ in the same way you would an alternative Needle Free Connector
- If the BD Q-Syte™ needs to be replaced follow hospital policy and replace using the hospital’s standard Needle Free Connector



BD Q-Syte™ Needle Free Connector

Flow rates for BD Nexiva™ are as follows:

Colour		Yellow	Blue	Pink	Green
Gauge		24G	22G	20G	18G
Length	mm	19	25	25	32
Flow Rate	ml/min	18	33	61	84
	ml/hour	1,080	1,980	3,660	5,040
Product code		383531	383532	383536	383539

References:

1. BD Nexiva Closed IV catheter System - Dual Port Instruction for use, BD, D16383-6, REV. 2021-05, accessed 2/02/2022

bduk_customerservice@bd.com • 0118 921 6000

Becton, Dickinson U.K. Limited, 1030 Eskdale Road,
Winnersh Triangle, Wokingham, RG41 5TS

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