

Needle Free Arterial Connector (NIC) Instructions for Use.

1. Applying the NIC



Fig 1

1. Remove Arterial Connector from packaging. (Fig 1)



Fig 2

2. Place the Arterial Connector onto the female luer connection of the three-way tap with arrow pointing away from the 3 way tap (Fig 2). Prior to placement of the NIC the three-way tap should be disinfected according to hospital policy

3. Once in place turn the Arterial Connector clockwise until a tight secure attachment is achieved.

4. Check that the Arterial Connector cannot be easily removed by finger grip alone – if it is loose then tighten further.

2. Arterial Sampling from the NIC



Fig 3

1. Turn 3 way tap to open position (Fig 3)



Fig 4

2. To fit the discard/dead-space and sampling syringe onto the sampling port of the NIC, apply pressure to push the luer tip through the blue stop-valve. And turn in a clockwise direction to secure (Fig 4).

3. Remove dead space and aspirate as per unit policy.

3. Flushing the NIC



Fig 5

1. Attach a new syringe to the NIC to allow flushing via transducer (Fig 5)

3. Ensure the syringe does not fill completely prior to removal.

4. If manual flushing of the line with saline is required this can be done by attaching a syringe to the transducer.



Fig 6

2. Flush the arterial system with approx. 5mL of fluid from the pressurised bag. Using the transducer pinch valve, the fresh syringe will fill (Fig 6). Continue flushing until clear fluid fills all the arterial tubing and all three of the visible hubs of the three way tap (to prevent possible clot formation and blockage)

4. Disinfecting the NIC

Disinfect the NIC during use as per hospital policy (Note the NIC arterial connector provides an additional Antibacterial barrier to the arterial flush system and in published Laboratory studies it was not possible to introduce any bacteria into the three-way tap during normal use)

Needle-Free Arterial Connector NIC for Arterial Luer Hubs Instructions for use.

Product part number :- AMD0031086.

Ensure that the Needle-Free Arterial Connector NIC is only applied to arterial systems – this device has been specifically designed to prevent any fluid injection and should not be used for any intravenous connections. The male locking luer is constructed so that removal is difficult once attached, reducing the chances of inadvertent intra-arterial injection.

Description/Indication

The Needle-Free Arterial Connector NIC is a device which, when connected to an arterial line via the sampling port of a three-way tap, allows for blood samples to be taken whilst preventing intra-arterial injection.

It's unique construction also reduces the chance of transmission of microbial contaminants into the patient circulation and simplifies the process of blood gas sampling from an arterial system.

Blood should always be treated as infection risk to staff and precautions taken regarding splashing and contamination as per hospital policy. All necessary protective attire should be worn such as gloves and eye-wear. When syringes are connected and disconnected a gauze swab or similar should be used to cover the disconnection site to prevent accidental splashing of blood. All blood should be disposed of safely as per hospital policy.

Precautions

Use Needle-Free Arterial Connector NIC only with Arterial pressure monitoring systems.

Single use only. Do not re-sterilise or re-use.

Do not use needles with the Needle-Free Arterial Connector NIC.

Do not use if the packaging is damaged, this could compromise device integrity and/or sterility.

Do not use after the use by date.

Do not use the product if it is damaged upon opening of the packaging or during use.

Supplier:- AmDel Medical Ltd.,

146, Allerton Road, Mossley Hill,

Liverpool. L18 2DH.

www.amdelmedical.com



Classic Industries Europe Ltd.,

Middleton in Teesdale,

Co Durham. DL12 0TN