

INOvent[®] delivery system

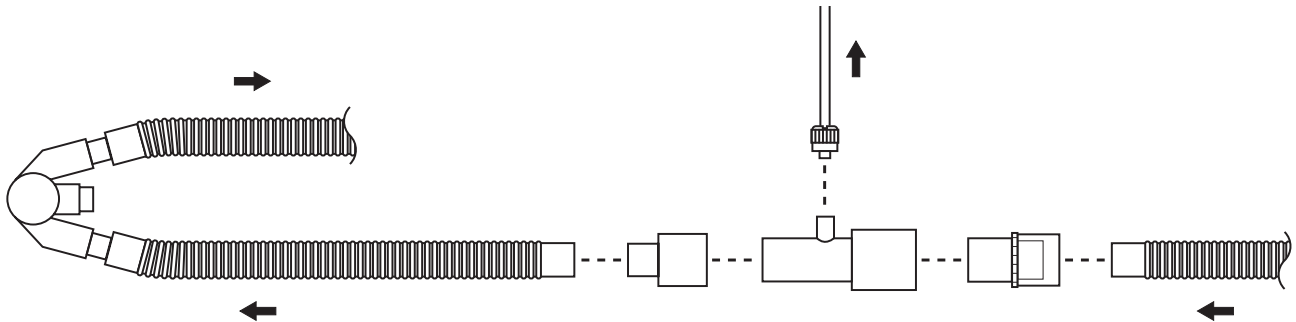
FOR NITRIC OXIDE THERAPY

INOvent application update #4

Inspiratory gas sampling in neonatal breathing systems

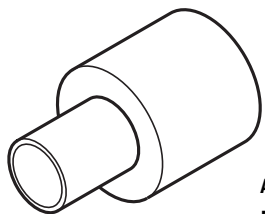
When sampling in *Allegiance (Baxter)* neonatal breathing circuits, adapters specifically designed by the circuit manufacturer are required to integrate the gas sample tee in the inspiratory limb of the breathing circuit.

These adapters are inserted six (6) to twelve (12) inches proximal to the wye piece on the inspiratory limb of the non-heated section of the neonatal breathing circuit. The gas sample tee is inserted between the adapters as pictured below:

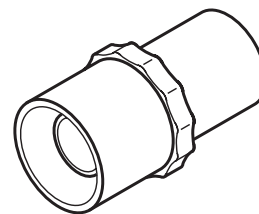


It is recommended that these adapters be used only with *Allegiance (Baxter)* neonatal breathing circuits which have a smooth break point (cuff) in the non-heated corrugated tubing.

The adapters and associated manufacturer part numbers are pictured below:



Allegiance Airlife[®]
Part number 5910-504



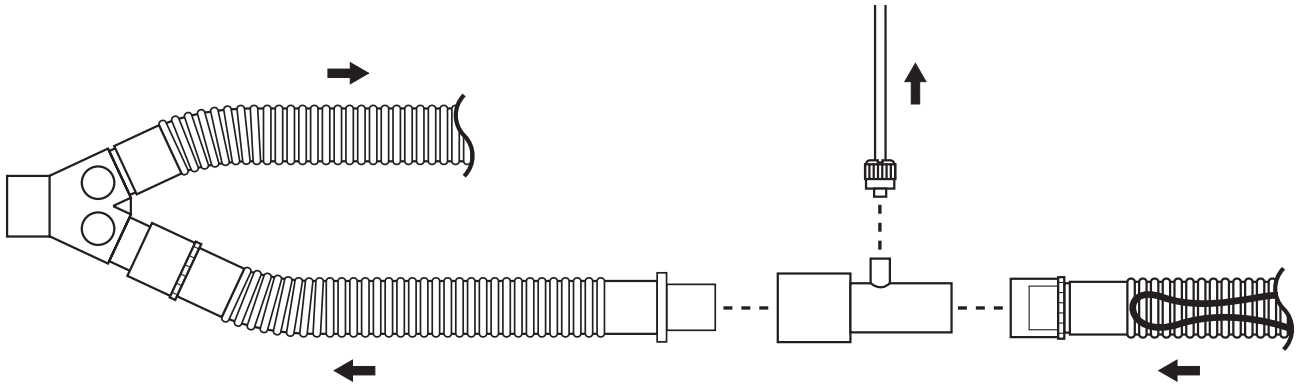
Allegiance Airlife[®]
Part number 5974-504

Inspiratory gas sampling in pediatric breathing systems

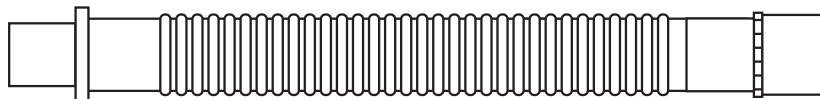
When sampling in *Allegiance (Baxter)* pediatric heated-wire breathing circuits, a six (6) inch non-heated adapter, specifically designed by the circuit manufacturer, is required to integrate the gas sample tee in the inspiratory limb of the breathing circuit.

The adapter is inserted between the wye piece and inspiratory limb of the pediatric heated-wire breathing circuit.

The inspiratory gas sample tee joins the adapter to the inspiratory limb of the heated wire pediatric breathing circuit as pictured below:



The adapter and associated manufacturer part number is pictured below:



Allegiance Airlife®
Part number 10303N-504

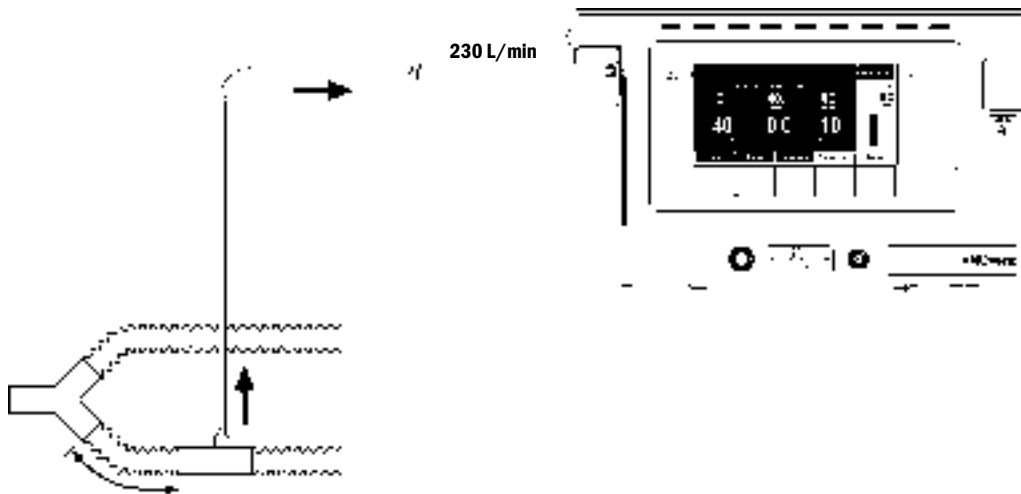
Your Datex-Ohmeda Critical Care Specialist will gladly provide you with samples of these adapters. You may order more of these adapters directly from the manufacturer—*Allegiance (Baxter)*. These adapters are not available for sale through Datex-Ohmeda.

Inspiratory gas sampling—overview

The INOvent delivery system provides integrated monitoring of inspiratory gases. The primary components of the integrated monitoring system are the electrochemical sensors, sample pump, display, inspiratory gas sample line and sample tee. One end of the sample line is connected to the Gas Sample Tee (p/n 1605-3133-000). The sample tee is inserted six (6) to twelve (12) inches from the patient wye on the inspiratory limb of the breathing circuit.

Upon switching on the INOvent delivery system, the sample pump activates and continuously draws gas through the integrated monitoring system at a nominal rate of 230 mL per minute. The sampled gas passes over the water trap and NO, NO₂ and O₂ sensors. The monitored values of inspiratory gases are visible on the INOvent delivery system display.

**If you have any questions, please contact
Datex-Ohmeda Technical Support at
1-800-345-2700.**





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