

AVANOS

Respiratory
Health

Catalogue



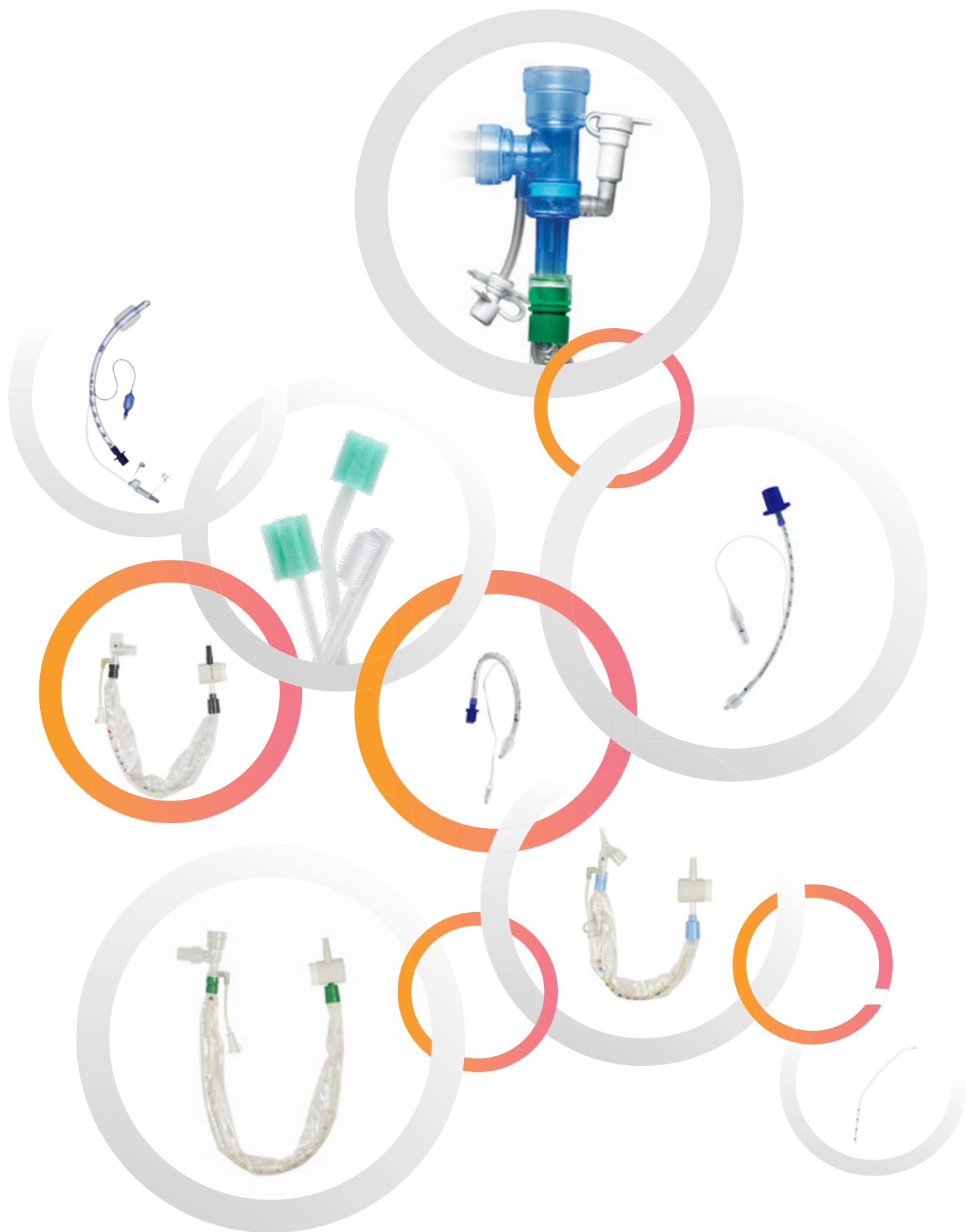


RESPIRATORY HEALTH

VΔE PROTECTION. PROVEN SOLUTIONS.

Avanos respiratory medical devices provide simple and convenient solutions, delivering clinical benefits to both clinicians and patients.

With well known brands such as **MICROCUFF*** Endotracheal Tubes and **TURBO*** Closed Suction Systems with **BALLARD*** Technology, Avanos products help you to facilitate best practices of respiratory care.



CONTENTS

1. ENDOTRACHEAL TUBES MICROCUFF*	Page 6
a. Paediatric	Page 8
i. Oral/Nasal Magill	Page 9
ii. Oral RAE (Curved)	Page 9
b. Adult	Page 10
i. Oral/Nasal Magill	Page 10
ii. Subglottic Suctioning Endotracheal Tubes	Page 11
2. CLOSED SUCTION SYSTEMS	Page 12
a. Neonatal/ Paediatric	Page 14
i. With Y Adapter	Page 15
ii. With Elbow Adapter	Page 15
iii. Multi-Access Catheter for Surfactant Delivery	Page 16
iv. Accessories	Page 17
b. Adult	Page 18
i. TURBO* 72Hr	Page 18
ii. Standard 24Hr	Page 21
iii. T-Piece 24Hr	Page 23
iv. Directional Tip 24Hr	Page 23
v. Multi-Access Port 72Hr	Page 24
vi. Bronchial Aspirate Sampling Catheter	Page 26
vii. Accessories	Page 27
3. ORAL CARE	Page 28
a. Paediatric	Page 30
b. Adult	Page 31
4. INDEX	Page 36



MICROCUFF* Subglottic Suctioning Range

Paediatric MICROCUFF*
Adult MICROCUFF*
MICROCUFF* Subglottic Suctioning



MICROCUFF* Paediatric Range

PAEDIATRIC MICROCUFF* ENDOTRACHEAL TUBES

A CUFFED ET TUBE DESIGNED FOR THE PAEDIATRIC ANATOMY

Paediatric MICROCUFF* Endotracheal Tubes are designed with a polyurethane high volume, low pressure cuff.

ADVANCED MICROTHIN POLYURETHANE CUFF PROVIDES AN EFFECTIVE SEAL AT ULTRA-LOW CUFF PRESSURE



The Paediatric MICROCUFF* Endotracheal Tubes are designed for ideal anatomical cuff placement and are available in Magill and Oral Curved (RAE) without a Murphy Eye.

Product Features:

- Micro-thin, strong polyurethane cuff
- Cm depth markings along tube as a reference during intubation
- Black intubation depth marking above the cuff for placement between the vocal cords
- Four precision bands to facilitate and confirm optimal tube placement
- Radiopaque line

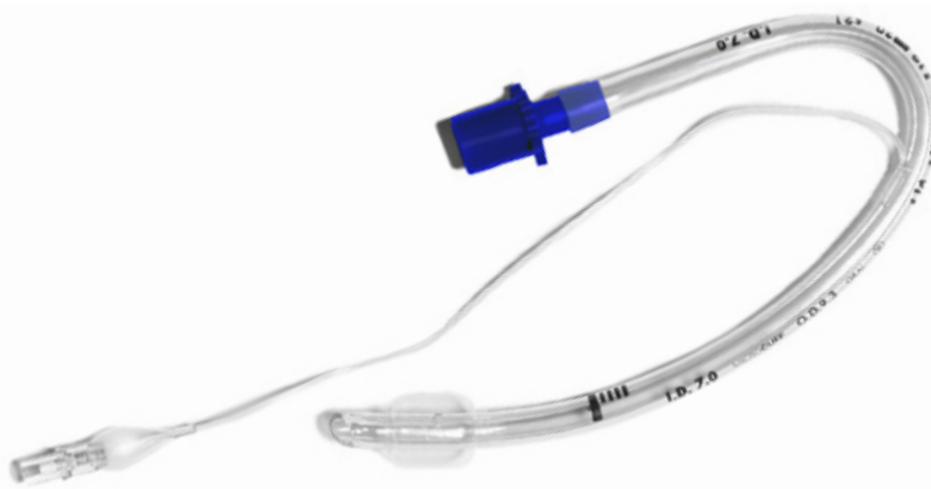
PAEDIATRIC MICROCUFF*
SIZE GUIDE AVAILABLE



MICROCUFF* Paediatric Endotracheal Tubes – Oral / Nasal Magill
Sterile

Product Code	Inner Diameter (ID)	Outer Diameter (OD)	Cuff Diameter (at 20cm H ₂ O)	Age/Weight Suggestion†	Packaging
35111	3.0mm	4.3mm	10mm	Term ≥ 3kg - < 8 months	10/case
35112	3.5mm	5.0mm	12mm	8 months - < 2 years	10/case
35113	4.0mm	5.6mm	12mm	2 to < 4 years	10/case
35114	4.5mm	6.3mm	14mm	4 to < 6 years	10/case
35115	5.0mm	6.7mm	14mm	6 to < 8 years	10/case
35116	5.5mm	7.3mm	16mm	8 to < 10 years	10/case
35117	6.0mm	8.0mm	16mm	10 to < 12 years	10/case
35118	6.5mm	8.7mm	20mm	12 to < 14 years	10/case
35119	7.0mm	9.3mm	20mm	14 to < 16 years	10/case

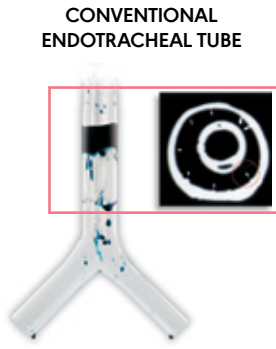
† The age/weight suggestion is only a recommendation, clinical judgement should be made to determine the correct size required



MICROCUFF* Paediatric Endotracheal Tubes – Oral Curved (RAE)
Sterile

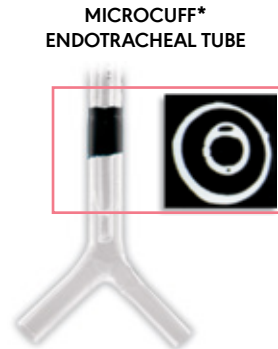
Product Code	Inner Diameter (ID)	Outer Diameter (OD)	Cuff Diameter (at 20cm H ₂ O)	Age/Weight Suggestion†	Packaging
35161	3.0mm	4.3mm	10mm	Term ≥ 3kg - < 8 months	10/case
35162	3.5mm	5.0mm	12mm	8 months - < 2 years	10/case
35163	4.0mm	5.6mm	12mm	2 to < 4 years	10/case
35164	4.5mm	6.3mm	14mm	4 to < 6 years	10/case
35165	5.0mm	6.7mm	14mm	6 to < 8 years	10/case
35166	5.5mm	7.3mm	16mm	8 to < 10 years	10/case
35167	6.0mm	8.0mm	16mm	10 to < 12 years	10/case
35168	6.5mm	8.7mm	20mm	12 to < 14 years	10/case
35169	7.0mm	9.3mm	20mm	14 to < 16 years	10/case

† The age/weight suggestion is only a recommendation, clinical judgement should be made to determine the correct size required



CT scan ^{5 6} (transversal) of an inflated HVLP-cuff in excised animal trachea (cuff pressure: 20 cm H₂O).

Conventional HVLP PVC cuffs create folds when inflated, causing channels to form and allowing fluid to leak past. Note the prominent channel formations in the PVC cuff



CT scan ^{5 6} (transversal) of an inflated MICROCUFF* Tube in excised animal trachea (cuff pressure: 20 cm H₂O).

The MICROCUFF* tube has advanced microthin polyurethane cuff material that allows the channels to "self seal," reducing the possibility of leakage. Note the absence of visible channel openings in the MICROCUFF* tube

DESIGNED FOR BETTER CONTACT WITH TRACHEAL CONTOUR

The Avanos MICROCUFF* Endotracheal Tube features an advanced microthin polyurethane cuff, which provides an effective tracheal seal at low cuff pressures and reduces micro-aspiration of potentially infectious pharyngeal secretions compared to PVC cuffs.

	MICROCUFF* ADULT ENDOTRACHEAL TUBES	MICROCUFF* SUBGLOTTIC SUCTIONING ENDOTRACHEAL TUBES
DEHP Free	✓	✓
Murphy Eye	✓	✓
Radiopaque Line	✓	✓
Cm markings	✓	✓
Shape of Cuff - Cylindrical to provide maximum tracheal contact	✓	✓
Cuff Material - Polyurethane < 13microns	✓	✓
Larger cuff volume to accommodate differences in tracheal sizes		✓
Suction Valve & Flush Port		✓
Saline Rinsing (FDA approved)		✓
Closed system when distilling air or saline		✓
Sizes	5.0mm - 10.0mm	7.0mm - 9.0mm

MICROCUFF* Adult Endotracheal Tubes - Oral / Nasal Magill, with Murphy Eye Sterile

Product Code	Inner Diameter (ID)	Outer Diameter (OD)	Cuff Diameter (at 20cm H ₂ O)	Packaging
35210	5.0mm	6.9mm	18mm	10/case
35211	5.5mm	7.5mm	18mm	10/case
35212	6.0mm	8.2mm	20mm	10/case
35213	6.5mm	8.9mm	20mm	10/case
35214	7.0mm	9.5mm	22mm	10/case
35215	7.5mm	10.2mm	22mm	10/case
35216	8.0mm	10.8mm	26mm	10/case
35217	8.5mm	11.4mm	26mm	10/case
35218	9.0mm	12mm	30mm	10/case
35220	10.0mm	13.3mm	30mm	10/case

MICROCUFF*
Polyurethane Cuff
10 Microns



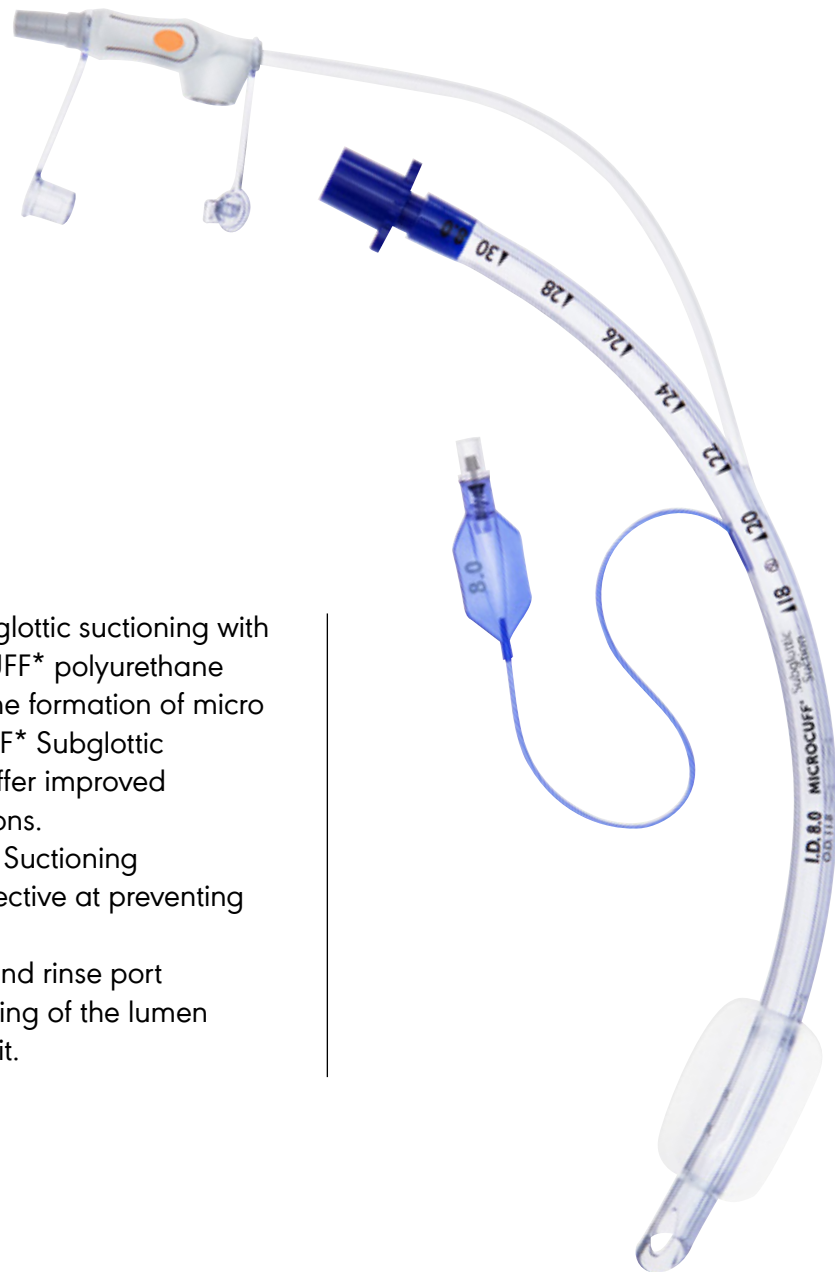
Competitor Tube:
Non-Polyurethane Cuff
~50-80 Microns



MICROCUFF* SUBGLOTTIC SUCTIONING ENDOTRACHEAL TUBES

**RINSE.
SUCTION.
CLEAR.**

By combining more effective subglottic suctioning with the advantages of the MICROCUFF* polyurethane cuff technology (which reduces the formation of micro channels in the cuff), MICROCUFF* Subglottic Suctioning Endotracheal Tubes offer improved protection against micro-aspirations. Avanos MICROCUFF* Subglottic Suctioning Endotracheal Tubes are more effective at preventing and clearing clogs.^{7 8} The integrated suctioning valve and rinse port facilitate both suctioning and rinsing of the lumen without opening the suction circuit.



MICROCUFF* Subglottic Suctioning Endotracheal Tube with Murphy Eye
Sterile

Product Code	Inner Diameter (ID)	Outer Diameter (OD)	Cuff Diameter (at 20cm H ₂ O)	Packaging
13220	7.0mm	9.5mm	22mm	10/case
13221	7.5mm	10.2mm	22mm	10/case
13222	8.0mm	10.8mm	26mm	10/case
13223	8.5mm	11.4mm	26mm	10/case
13224	9.0mm	12mm	30mm	10/case



Neonatal/Paediatric Closed Suction System, "Y" Adapter



Neonatal/Paediatric
Adult

"BALLARD Medical are the originators of the first Closed Suction Catheter. BALLARD Medical was acquired by Kimberly-Clark and is now owned by Avanos. Today, Avanos are the market leaders of Closed Suction Systems."*

Adult TURBO* Closed Suction System

CLOSED SUCTION IS PERCEIVED BY NURSING STAFF TO BE EASIER, LESS TIME-CONSUMING AND BETTER TOLERATED BY SMALL PREMATURE INFANTS REQUIRING MECHANICAL VENTILATION FOR 1+ WEEKS ¹

Avanos BALLARD* Neonatal/Paediatric Closed Suction Systems, are available with either an Elbow or Y adapter.

Product Features:

- "Soft" catheter to minimise tracheal trauma
- Number and colour-coded graduations for measured depth suctioning helping to prevent unnecessary tracheal trauma
- Tactile sleeve for catheter advancement
- Lockable thumb valve



BALLARD* Closed Suction Catheter, Y-Adapter, Neonatal/Pediatric



BALLARD* Closed Suction Catheter, Elbow, Neonatal/Pediatric

**MEASURED DEPTH SUCTION GUIDES
AVAILABLE**

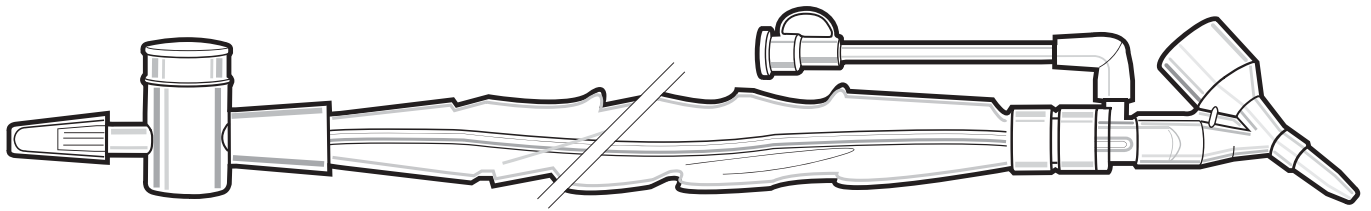


Image representative of #195-5

**BALLARD* Closed Suction Catheter, Y-Adapter, Neonatal/Paediatric
Sterile**

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Endotracheal Tube Adapters Included	Packaging
195-5	5 Fr	30.5cm†	✓	2mm, 2.5mm	2 boxes of 10 = 1 case of 20
196-5	6 Fr	30.5cm†	✓	2.5mm, 3.0mm, 3.5mm	2 boxes of 10 = 1 case of 20
197-5	7 Fr	30.5cm†	✓	3.0mm, 3.5mm, 4.0mm	2 boxes of 10 = 1 case of 20
198-5	8 Fr	30.5cm†	✓	3.0mm, 3.5mm, 4.0mm	2 boxes of 10 = 1 case of 20
1910-5	10 Fr	40.5cm†	✓	4.5mm, 5.0mm, 5.5mm	2 boxes of 10 = 1 case of 20
1912-5	12 Fr	40.5cm†	✓	5.5mm, 6.0mm, 6.5mm	2 boxes of 10 = 1 case of 20

† Approximately dead space vol:
5Fr, 6Fr & 7Fr = 1ml
8Fr, 10Fr & 12Fr = 2ml

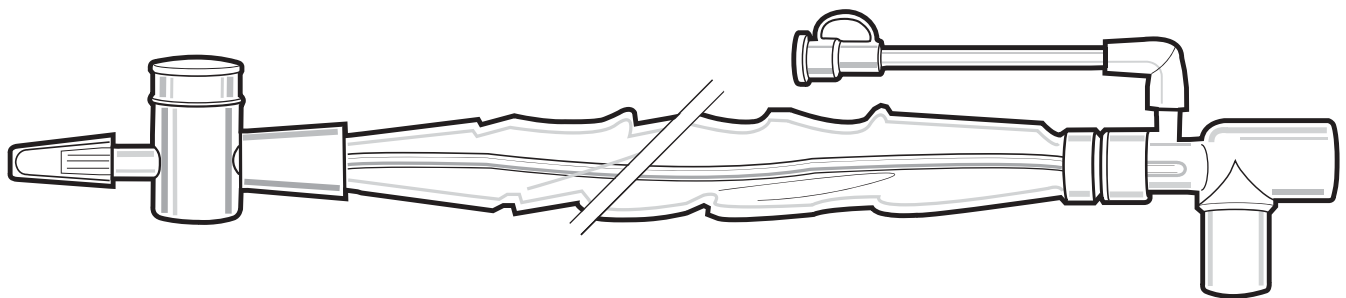


Image representative of #206-5

**BALLARD* Closed Suction Catheter, Elbow, Neonatal/Paediatric
Sterile**

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Low Dead Space Lavage Adapters°	Packaging
206-5	6 Fr	30.5cm†	✓	2.5mm, 3.0mm, 3.5mm	2 boxes of 10 = 1 case of 20
207-5	7 Fr	30.5cm†	✓	3.0mm, 3.5mm, 4.0mm	2 boxes of 10 = 1 case of 20
208-5	8 Fr	30.5cm†	✓	3.0mm, 3.5mm, 4.0mm	2 boxes of 10 = 1 case of 20
210-5	10 Fr	40.5cm†	✓	No Adapters Included	2 boxes of 10 = 1 case of 20

† Approximately dead space vol:
6Fr = 2ml
7Fr, 8Fr & 10Fr = 4ml

° Elbow Closed Suction Catheter will connect directly to the Endotracheal Tube. Adapter is optional for lavage only.



Avanos BALLARD* Neonatal Multi-Access Catheter (MAC) is a 5fr in-line catheter designed for accessing the neonatal airway for the delivery of surfactant without disconnecting from the ventilator.

Product Features:

- Designed for accessing the neonatal airway
- Allows administration of surfactant without disconnection from the ventilator
- Clinicians can choose from multiple sizes of endotracheal tube adapters

Benefits of the Avanos Multi-Access Catheter vs. Conventional Catheter for Delivering Surfactant:

- Targeted delivery of surfactant
- Maintains a closed ventilator circuit, benefits include:
 - Fewer incidences of desaturation
 - No increase in the rate of bacterial airway colonisation
 - Multi-Access Catheter can be used safely by 1 person
 - Protection for both the Caregiver and Patient

Multi-Access Catheter – Neonatal Sterile

Product Code	Size (Outer Diameter)	Adapters Included with Catheter	Packaging
1900	5 Fr	2.5mm, 3.0mm, 3.5mm	5 / case

* Approximate dead space vol 1ml

CLOSED SUCTION SYSTEM ACCESSORIES

NEONATAL/PAEDIATRIC



Image representative of #19000

The BALLARD* Transport Kit for Neonatal / Paediatrics contains a Y-Adapter plug and a thumb port cap. This is used when the Avanos closed suction catheter is removed for transport.

The Swivel Adapter (product code #111) provides a swivel interface between the artificial airway and select Avanos closed suction catheters.

Closed Suction Systems – Neonatal / Paediatric – Accessories

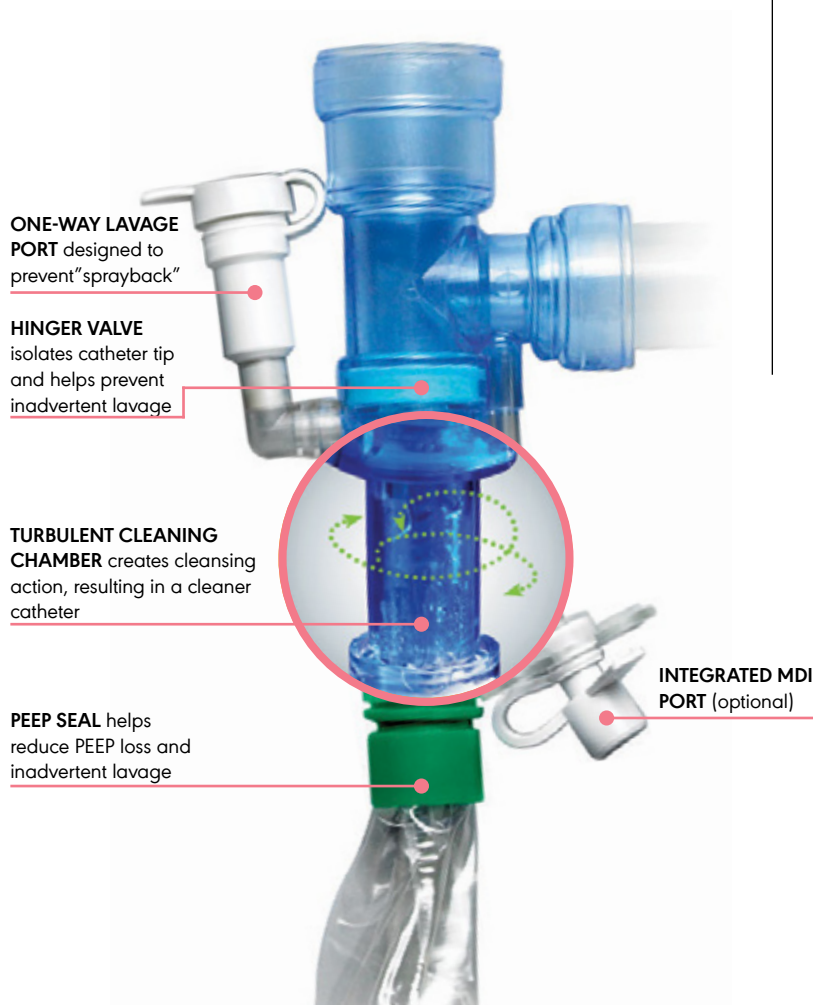
Product Code	Description	Sterile	Packaging
111	Swivel Adapter 15mm inner diameter x 15mm outer diameter	✓	50/case
19000	BALLARD* Transport Kit for Neonatal / Paediatrics, Y-Adapter, 7.5mm	✓	50/case
19030	BALLARD* Intubation Kit for Neonatal / Paediatrics, Y-Adapter, 3.0 mm	✓	50/case
19035	BALLARD* Intubation Kit for Neonatal / Paediatrics, Y-Adapter, 3.5 mm	✓	50/case

TURBO* BALLARD* TECHNOLOGY 72 HR

INSTRUCTIONS FOR USE POSTER AVAILABLE
IN-SERVICE VIDEO AVAILABLE

ADVANCED INFECTION CONTROL THAT SETS A NEW STANDARD IN CLEAN

Avanos Closed Suction Systems have advanced infection control features that redefine the standard of care for closed / in-line suctioning. These unique infection prevention features have been proven to reduce cross-contamination, reducing ICU days and associated costs. With a solution to meet every patient's need, Avanos Closed Suction Systems are a powerful tool in your fight against deadly Hospital Acquired Infection.



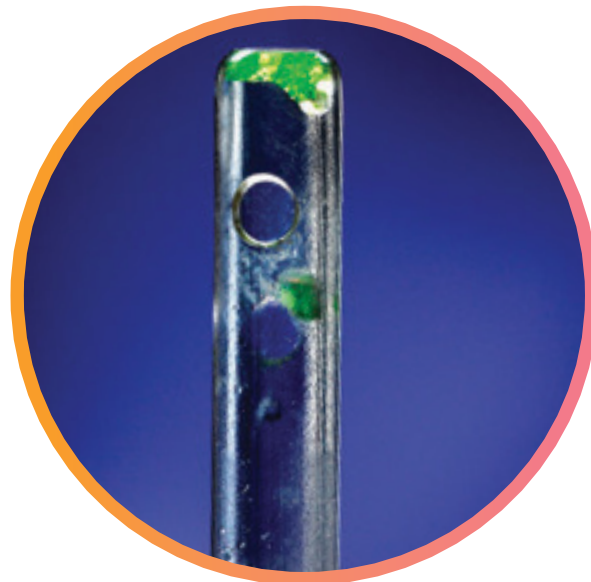
Avanos Turbo-Cleaning Closed Suction System, which features BALLARD* Technology, is the only catheter that retracts within a unique, isolated and vacuum-sealed turbulent cleaning chamber. The turbulent cleansing action results in an 89% cleaner catheter tip compared to a standard closed suction system.⁹ This reduction in colonisation may help reduce risk of Ventilator Associated Events (VAE) in your ventilated patients.





AVANOS TURBO-CLEANING CLOSED SUCTION SYSTEM

cleaned in the isolated,
turbulent cleaning chamber



STANDARD CLOSED SUCTION SYSTEM

cleaned by usual method of
squeezing saline vial to dispense

DYNAMIC VALVE TECHNOLOGY

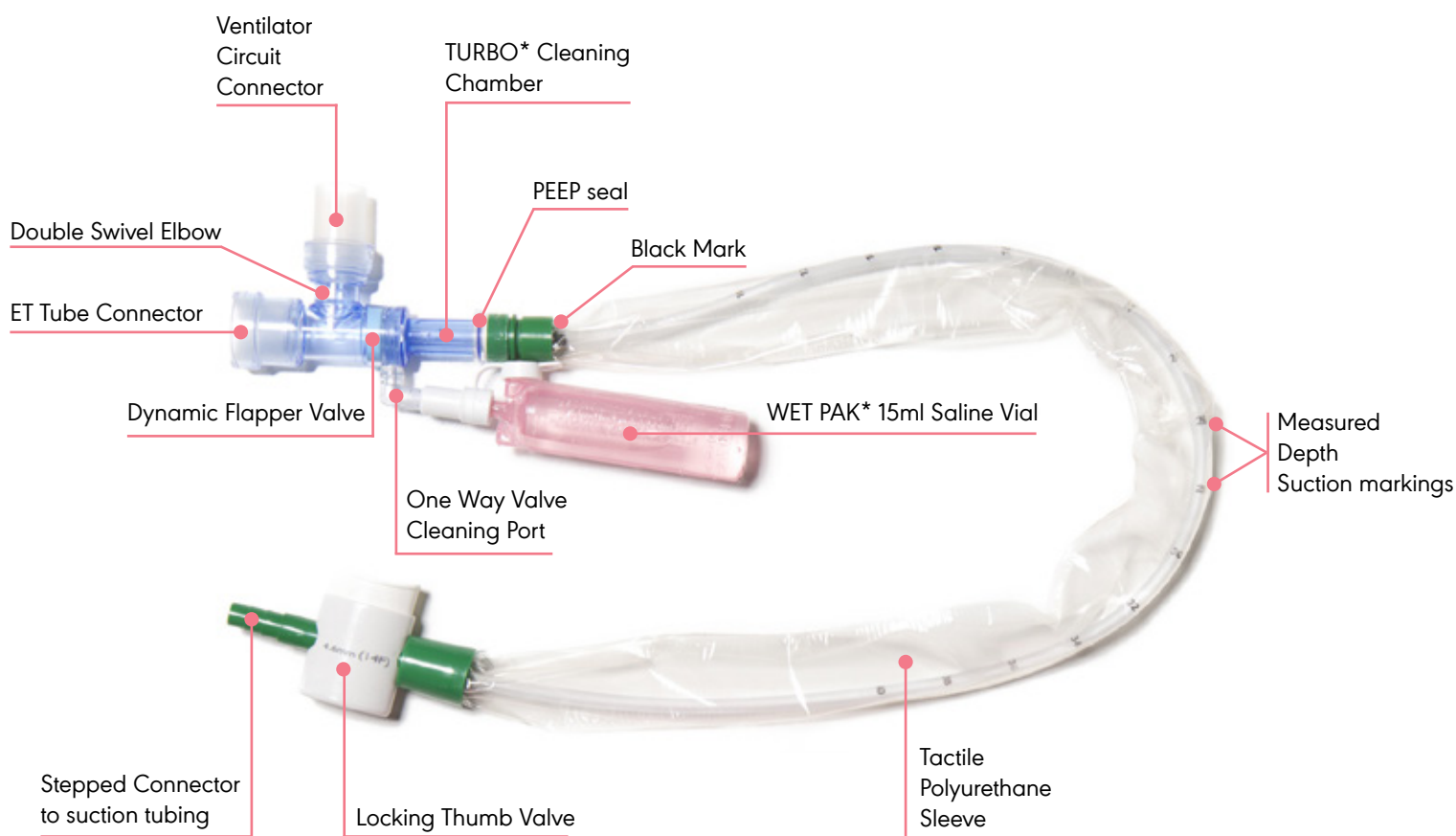
Only Avanos has dynamic valve technology that allows for normal ventilation during catheter cleaning.

"The presence of such a valve should be considered essential in preserving lung volumes and uninterrupted ventilation in mechanically ventilated patients" ²

Corley, A et al. 2013



AVANOS

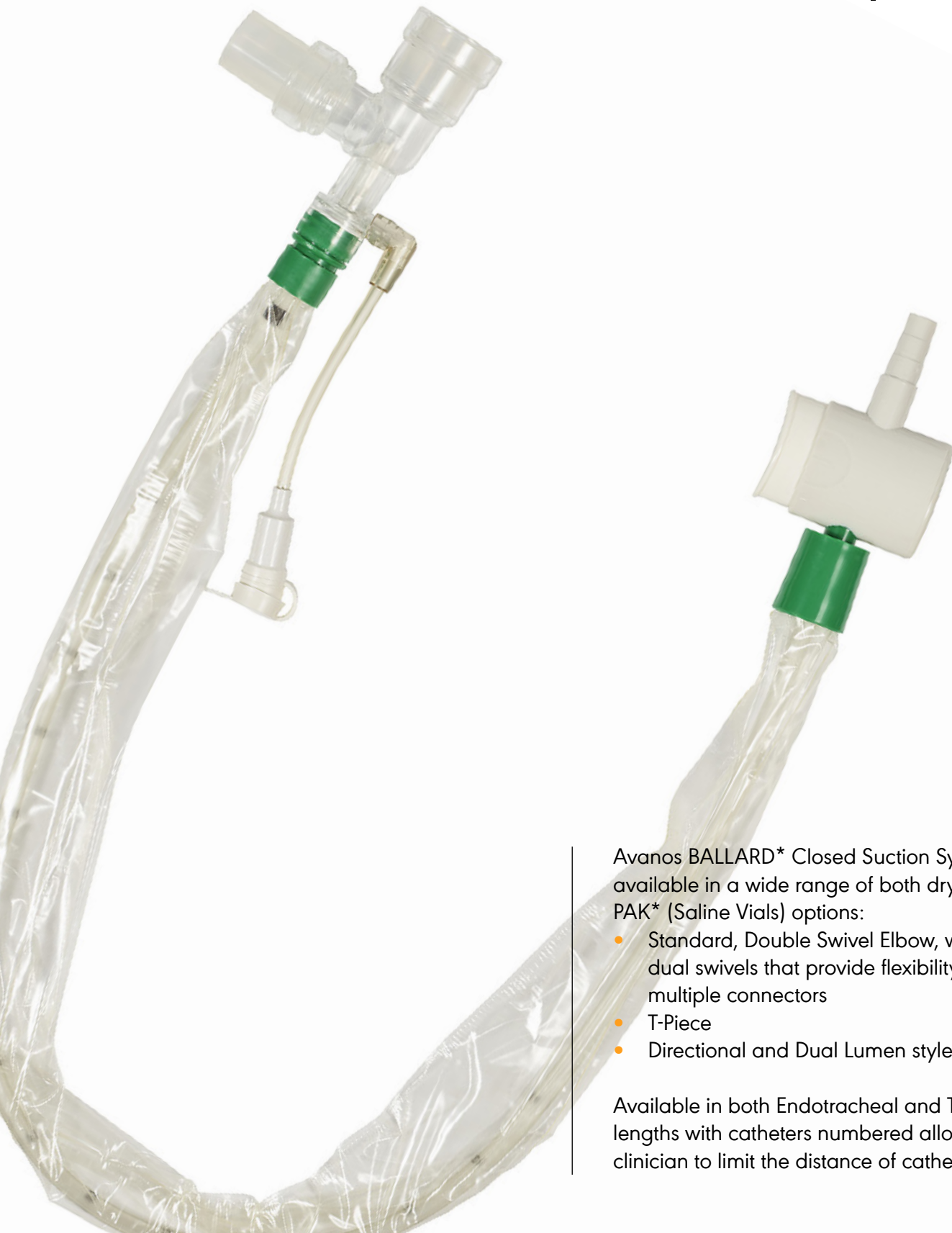


TURBO* Closed Suction Catheter Sterile

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Tracheostomy Use	Double Swivel Elbow	WET PAK* 15ml saline vials x 12	Metered Dose Inhaler (MDI)	T-Piece	Packaging
22716-5	12 Fr	54cm	✓		✓				2 boxes of 10 = 1 case of 20
227166-5	12 Fr	54cm	✓		✓	✓			2 boxes of 10 = 1 case of 20
22715-5	12 Fr	54cm	✓					✓	2 boxes of 10 = 1 case of 20
227156-5	12 Fr	54cm	✓			✓		✓	2 boxes of 10 = 1 case of 20
2271603-5	12 Fr	30.5cm		✓	✓				2 boxes of 10 = 1 case of 20
22716036-5	12 Fr	30.5cm		✓	✓	✓			2 boxes of 10 = 1 case of 20
227135-5	12 Fr	30.5cm		✓				✓	2 boxes of 10 = 1 case of 20
227-5	14 Fr	54cm	✓		✓				2 boxes of 10 = 1 case of 20
2276-5	14 Fr	54cm	✓		✓	✓			2 boxes of 10 = 1 case of 20
22714186-5	14 Fr	54cm	✓		✓	✓	✓		2 boxes of 10 = 1 case of 20
227012586	14 Fr	54cm	✓			✓	✓	✓	2 boxes of 10 = 1 case of 20
22703-5	14 Fr	30.5cm		✓	✓				2 boxes of 10 = 1 case of 20
227036-5	14 Fr	30.5cm		✓	✓	✓			2 boxes of 10 = 1 case of 20
22701356-5	14 Fr	30.5cm		✓		✓		✓	2 boxes of 10 = 1 case of 20
22716186-5	16 Fr	54cm	✓		✓	✓	✓		2 boxes of 10 = 1 case of 20

CLOSED SUCTION SYSTEMS

STANDARD | 24 HR



Avanos BALLARD* Closed Suction Systems are available in a wide range of both dry and WET PAK* (Saline Vials) options:

- Standard, Double Swivel Elbow, which feature dual swivels that provide flexibility without multiple connectors
- T-Piece
- Directional and Dual Lumen styles

Available in both Endotracheal and Tracheostomy lengths with catheters numbered allowing the clinician to limit the distance of catheter advance.

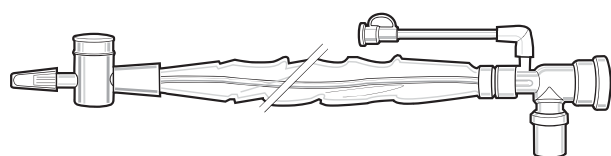
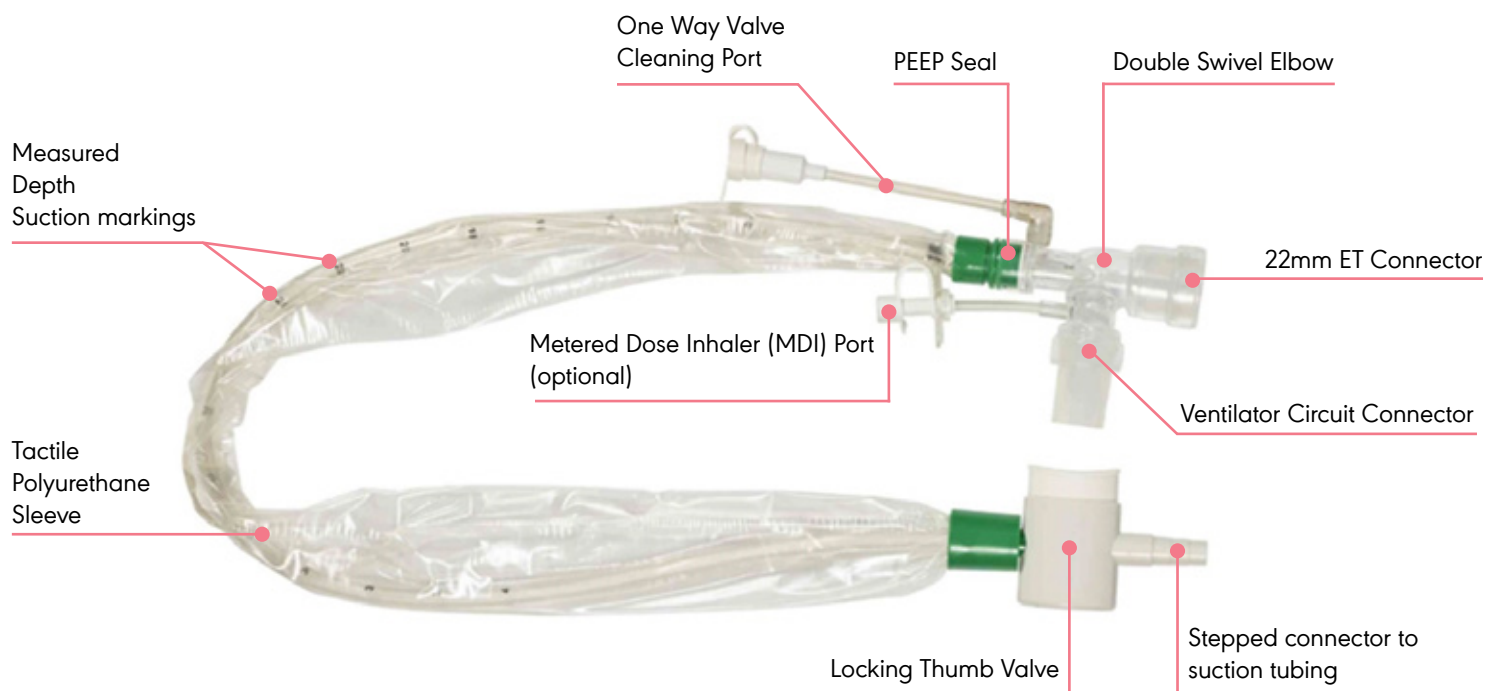


Image representative of #2160-5

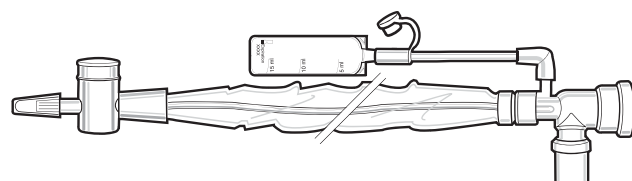


Image representative of #21606-5 (WET-PAK*)

BALLARD* Closed Suction Catheter, Double Swivel Elbow Sterile

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Tracheostomy Use	Double Swivel Elbow	WET PAK* 15ml saline vials x 12	Metered Dose Inhaler (MDI)	Packaging
2160-5	12 Fr	54cm	✓		✓			2 boxes of 10 = 1 case of 20
21606-5	12 Fr	54cm	✓		✓	✓		2 boxes of 10 = 1 case of 20
21603-5	12 Fr	30.5cm		✓	✓			2 boxes of 10 = 1 case of 20
216036-5	12 Fr	30.5cm		✓	✓	✓		2 boxes of 10 = 1 case of 20
2210-5	14 Fr	54cm	✓		✓			2 boxes of 10 = 1 case of 20
22106-5	14 Fr	54cm	✓		✓	✓		2 boxes of 10 = 1 case of 20
22108-5	14 Fr	54cm	✓		✓		✓	2 boxes of 10 = 1 case of 20
22103-5	14 Fr	30.5cm		✓	✓			2 boxes of 10 = 1 case of 20
221036-5	14 Fr	30.5cm		✓	✓	✓		2 boxes of 10 = 1 case of 20
25-2210-5*	14 Fr	63.5cm	✓		✓			2 boxes of 10 = 1 case of 20
2260-5	16 Fr	54cm	✓		✓			2 boxes of 10 = 1 case of 20
22606-5	16 Fr	54cm	✓		✓	✓		2 boxes of 10 = 1 case of 20

*with safety lavage port

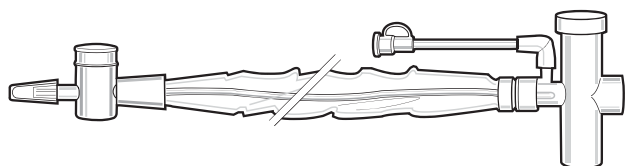


Image representative of #2155-5

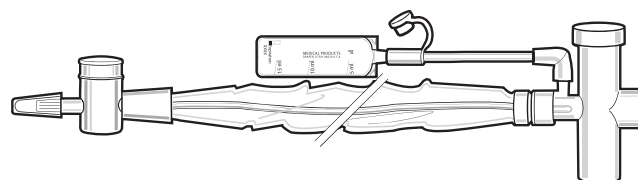


Image representative of #22056-5 (WET-PAK*)

BALLARD* Closed Suction Catheter, T-Piece
Sterile

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Tracheostomy Use	Swivel Adapter	WET PAK* 15ml saline vials x 12	Metered Dose Inhaler (MDI)	Packaging
2155-5	12 Fr	54cm	✓					2 boxes of 10 = 1 case of 20
2205-5	14 Fr	54cm	✓					2 boxes of 10 = 1 case of 20
22056-5	14 Fr	54cm	✓			✓		2 boxes of 10 = 1 case of 20
220568-5	14 Fr	54cm	✓			✓	✓	2 boxes of 10 = 1 case of 20
220135-5	14 Fr	30.5cm		✓	✓			2 boxes of 10 = 1 case of 20
22012356-5*	14 Fr	30.5cm		✓	✓	✓		2 boxes of 10 = 1 case of 20

*15mm x 22mm Adapter



Image representative of #21609-5

BALLARD* Closed Suction Catheter, Directional Tip
Sterile

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Double Swivel Adapter	Clear T-Piece	WET PAK* 15ml saline vials x 12	Packaging
21609-5	12 Fr	56cm	✓	✓			2 boxes of 10 = 1 case of 20
22109-5	14 Fr	56cm	✓	✓			2 boxes of 10 = 1 case of 20
221069-5	14 Fr	56cm	✓	✓		✓	2 boxes of 10 = 1 case of 20
22059-5	14 Fr	56cm	✓		✓		2 boxes of 10 = 1 case of 20
220569-5	14 Fr	56cm	✓		✓	✓	2 boxes of 10 = 1 case of 20



BALLARD* Closed Suction Catheter, Standard Dual Lumen
Sterile

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Tracheostomy Use	Double Swivel Adapter	Packaging
22107-5	14 Fr	54cm	✓		✓	2 boxes of 10 = 1 case of 20

**MULTIPLE ACCESS.
MULTIPLE PROCEDURES.
ONE CLOSED CIRCUIT.**

Avanos Multi-Access Port Closed Suction System, which features BALLARD* technology, has a compact rotating manifold that provides multiple ports to access the patient's airway without jeopardising integrity of the closed circuit. A closed circuit helps you protect your patient from cross-contamination and Ventilator Associated Events, VAE.



ROTATING MANIFOLD LOCKS INTO PLACE WITH A CLICK for reassurance that circuit remains sealed

CLINICIANS CAN PERFORM SUCTIONING AND OTHER PROCEDURES SUCH AS BRONCHOALVEOLAR LAVAGE, BRONCHOSCOPY, OR MDI DRUG DELIVERY whilst maintaining a closed ventilator circuit as recommended to help prevent VAE

CATHETER LOCKS INTO SEPARATE PORT and stays connected and clean

SINGLE-USE SEAL CASSETTE maintains PEEP during insertion of sampling catheter or other devices

ALSO AVAILABLE:

AVANOS MINI-BAL BRONCHIAL ASPIRATE SAMPLING CATHETER
Designed for use with the Avanos Multi-Access Port System. Insert the Avanos Mini-BAL Catheter through the alternate therapy port to obtain a lower respiratory tract sample without opening the ventilator circuit.

TURBULENT CLEANING CHAMBER for a cleaner catheter

SLEEVE TETHER prevents over-retraction of catheter

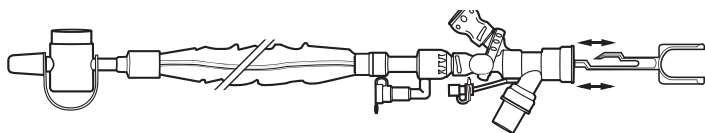


Image representative of #240128-5



Image representative of #240125-5

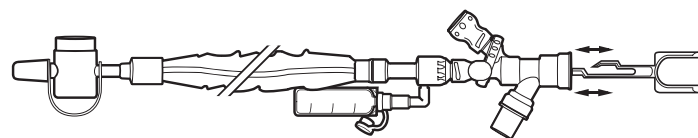


Image representative of #240186-5



Closed Suction Systems - Multi-Access Port Catheters & Replacement Catheters Sterile

Product Code	Size (Outer Diameter)	Length	Endotracheal Use	Tracheostomy Use	Double Swivel Elbow (DSE) Adapter	Metered Dose Inhaler (MDI)	Replacement Catheter	WET PAK* 15ml saline vials x 12	Packaging
240128-5	12 Fr	58.5cm	✓		✓	✓			2 boxes of 10 = 1 case of 20
2401286-5	12 Fr	58.5cm	✓		✓	✓		✓	2 boxes of 10 = 1 case of 20
240125-5	12 Fr	58.5cm	✓				✓		2 boxes of 10 = 1 case of 20
2401236-5	12 Fr	35cm		✓	✓			✓	2 boxes of 10 = 1 case of 20
24001238-5	12 Fr	35cm		✓	✓	✓			2 boxes of 10 = 1 case of 20
2401253-5	12 Fr	35cm		✓			✓		2 boxes of 10 = 1 case of 20
240148-5	14 Fr	58.5cm	✓		✓	✓			2 boxes of 10 = 1 case of 20
2401486-5	14 Fr	58.5cm	✓		✓	✓		✓	2 boxes of 10 = 1 case of 20
240145-5	14 Fr	58.5cm	✓				✓		2 boxes of 10 = 1 case of 20
2401438-5	14 Fr	35cm		✓	✓	✓			2 boxes of 10 = 1 case of 20
24014386-5	14 Fr	35cm		✓	✓	✓		✓	2 boxes of 10 = 1 case of 20
2401453-5	14 Fr	35cm		✓			✓		2 boxes of 10 = 1 case of 20

Closed Suction Systems - Multi-Access Port Catheter Seal Cassette Sterile

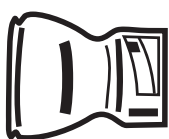


Image representative of #24013-5

Product Code	Description	Packaging
24013-5	Seal Cassette Only for use on rotational manifold with Multi-Access Catheter	20/case

BALLARD* MINI-BAL
SAMPLING CATHETER

BRONCHIAL ASPIRATE
SAMPLING CATHETER



Product Features:

- Atraumatic 'Mushroom' Tip
- Directional Tip for Right/Left Lung Insertion - enables a quick extraction of lower respiratory tract samples
- Early, accurate diagnosis of VAE
- Simple, effective non-bronchoscopic bronchoalveolar lavage at the bedside
- Includes an Access Port Elbow



BALLARD* Mini-BAL Sampling Catheter
Sterile

Product Code	Size (Outer Diameter)	BALLARD* Mini-BAL Sampling Catheter	Packaging
142	16 Fr	12 Fr	5 catheters/case
143	13 Fr	8 Fr	5 catheters/case

CLOSED SUCTION SYSTEM ACCESSORIES

ADULT



Image representative of #114

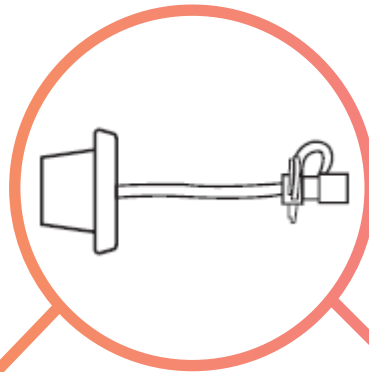


Image representative of #119



Image representative of #1115



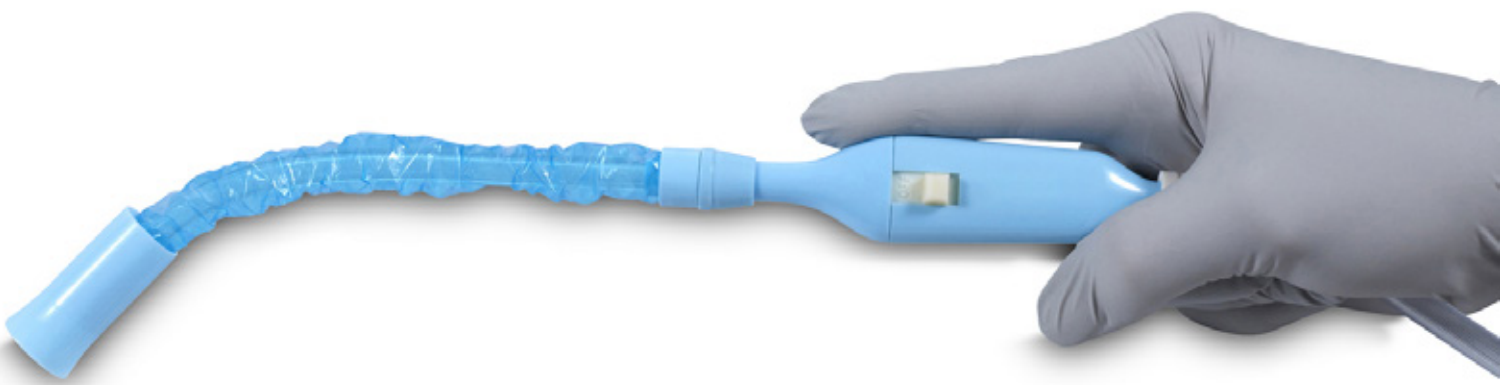
Image representative of #118

Product Code	Description	Packaging
111	Swivel Adapter 15mm inner diameter x 15mm outer diameter	50/case
112	Fixed Adapter 15mm inner diameter x 22mm outer diameter	50/case
1115	BALLARD* Flex Connector 15 mm inner diameter x 22 mm outer diameter	50/case
114	BALLARD* Flex Connector - Adult-Parallel "Y" with Adapter-Suction Canister	50/case
118	Unit dose 0.9% Sodium Chloride Saline Vials; 15ml Non-injectable, aseptically filled For closed suction catheter cleaning only	144/case
119	BALLARD* Metered Dose Inhaler (MDI) Adapter	20 /case



Oral Care Swabs & Suction Toothbrush

Paediatric
Adult



Self-Cleaning, Covered Yankauer



Avanos Oral Care products are designed to assist the practitioner in providing proper oral care and to provide multiple configurations for varying patient needs. The Avanos Neonatal and Paediatric Oral Care range comprises of small, soft, atraumatic catheters, designed to clean the oral cavity effectively in smaller patients. The pliable tubing allows for flexible maneuvering while suctioning the oropharyngeal area.

Oral Care Suction Catheters for Neonates / Paediatrics
Non-Sterile
Latex-free

Product Code	Size (Outer Diameter)	Packaging
1221	6 Fr / 2mm	5 Boxes of 50 = 250/Case
1222	8 Fr / 2.6mm	5 Boxes of 50 = 250/Case
1223	10 Fr / 3.3mm	5 Boxes of 50 = 250/Case

ORAL CARE SOLUTIONS

ADULT

THE IMPORTANCE OF ORAL CARE
IN THE CRITICAL CARE ENVIRONMENT
IS WELL-DOCUMENTED ^{3 4}

ORAL CARE PROTOCOL AVAILABLE

Avanos Oral Care Kits for Adults Feature:

- Colour-coded packaging, allowing caregivers to easily identify specific components packs and track oral care compliance
- Individual packs that allow caregivers to choose the right tool at the right time, based on patient need and hospital protocol

Avanos 24-Hour Oral Care Advanced Kit
Product Code: 25928 | Packaging - 24/Case

Kit Components:

1 x Prep Pack

- 1 x Self Cleaning, Covered Yankauer
- 1 x "Y" Connector
- 1 x Suction Handle

2 x Toothbrush Packs

- 1 x Suction Toothbrush
- 1 x Applicator Swab
- 1 x Empty Solution Cup

4 x Suction Swab Packs

- 1 x Suction Swab
- 1 x Applicator Swab
- 1 x Empty Solution Cup

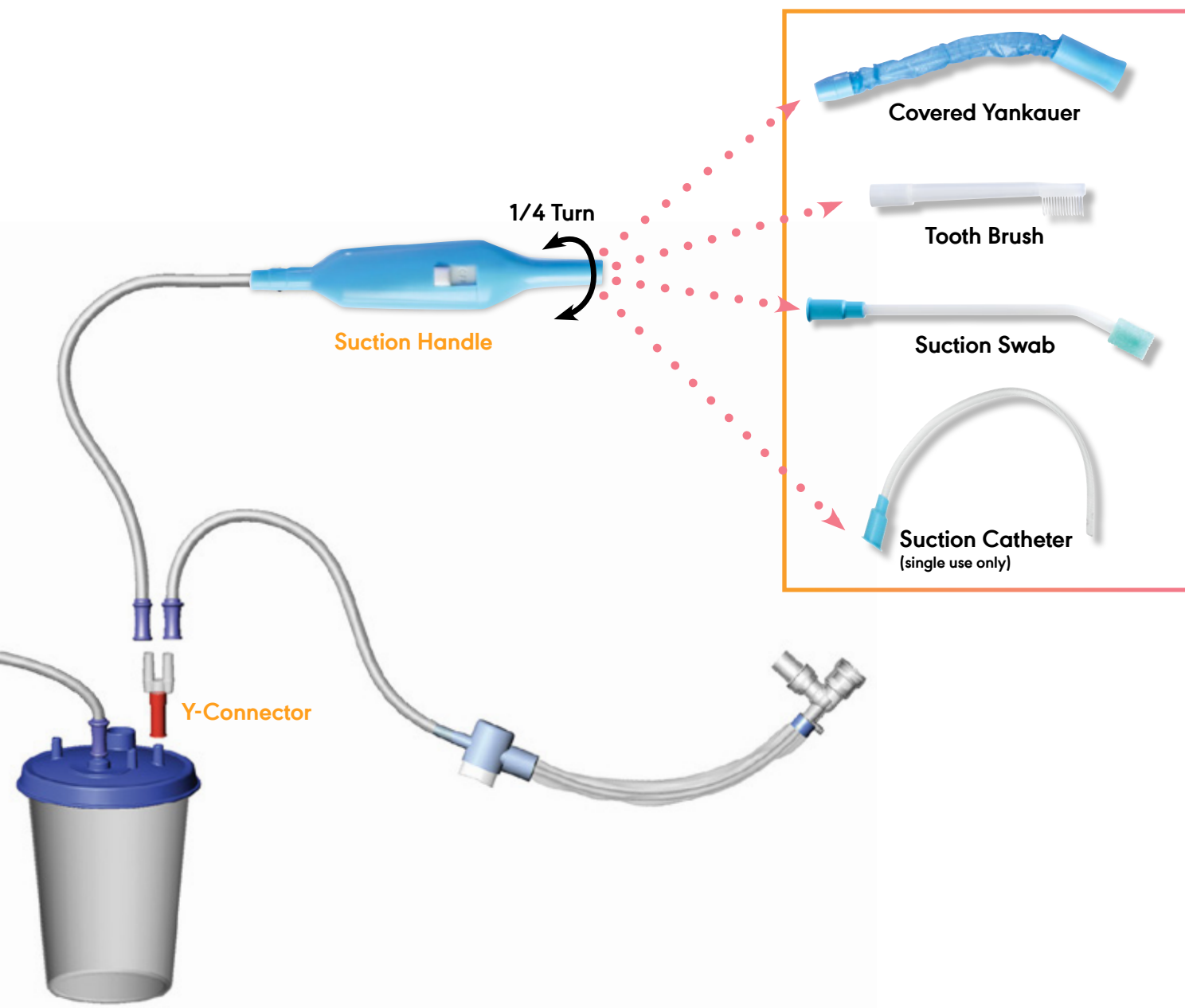


Oral Care Suction Valve Kit
Product Code: 122

Kit Components:

- 1 x Suction Valve
- 2.4m Funnel Tubing
- 10 x Oral Suction Probes
- 1 x Suction Line Clamp
- 1 x 'Y' Adapter

Components / Packs	Features	Benefits
AVANOS PREP PACK includes Self-Cleaning, Covered Yankauer, Suction Handle, Y-adapter 	<p>Self-cleaning, covered Yankauer with PEEP seal technology</p>  <p>High flow atraumatic tip with multiple holes</p> <p>Ergonomic Suction Handle design that fits with all suction tools</p> <p>Soft on/off switch on Suction Handle</p> <p>Clip design on Suction Handle</p> <p>Y-adapter design</p>	<p>Cleans secretions and debris from the shaft after suctioning.</p> <p>AVANOS Yankauer with self-cleaning cover after use... without rinsing.</p>  <p>Standard Yankauer without self-cleaning cover after use... with rinsing.</p> <p>Allows for quick and effective removal of secretions</p> <p>Allows for the caregiver to perform the cleaning procedure more comfortably</p> <p>Allows for easy suction control. Soft button for nurse's comfort</p> <p>Provides convenient and cleaner storage between uses</p> <p>Allows multiple functions with one canister</p>
AVANOS TOOTHBRUSH PACK includes Suction Toothbrush, Applicator Swab 	<p>Single mold supple toothbrush with soft and flexible bristles</p> 	<p>Prevents bristles from falling out. Cleans debris and suctions secretions. Tooth brushing helps remove dental plaque ³</p>
AVANOS SUCTION SWAB PACK includes Suction Swab, Application Swab 	<p>Single mold supple toothbrush with soft and flexible bristles</p> <p>Large suction hole in swab</p>	<p>Promotes easier access in patient's mouth from the side of the bed. Stimulates, cleans and freshens oral mucosa</p> <p>Reduces clogging</p>
AVANOS SUCTION CATHETERS 	<p>Pliable tubing</p>	<p>Allows for flexible maneuvering while suctioning the oropharyngeal area</p>



Oral Kit Components
Sterile | Natural Rubber Latex-Free | Single Use

Product Code	Description	Packaging
12601	Oral Suction Catheter, 14Fr	25/Case
12602	Oral Care Suction Toothbrush	25/Case
12603	Oral Care Suction Swab, Angled-Tip	25/Case
12606	Suction Valve and "Y" Adapter	25/Case
99785	Self-Cleaning, Covered Yankauer	25/Case
99786	Oral Care Suction Handle	25/Case
99789	Oral Care Prep Pack: 1 x Self-Cleaning, Covered Yankauer 1 x Oral Care Suction Handle 1 x "Y" Adapter	40/Case
25928	24-Hour Oral Care Advanced Kit	24/Case
122	Oral Care Suction Valve Kit	50/Case



63% OF PATIENTS ADMITTED TO AN ICU HAVE ORAL COLONIZATION WITH PATHOGENS ASSOCIATED WITH VAE ³

Oral Care Swabs

Oral Swabs are individually wrapped and packaged into convenient dispensing boxes.

Oral Swab Options Include:

- Paper Applicator, 12cm or 15cm
- Plastic Applicator, 15cm
- Swabs with or without Dentifrice

Dentifrice is an agent applied to the Oral Swab to assist with dental hygiene.

Product Code	Description	Packaging
12240	Single Wrapped Paper Handle Swabs, 12cm Length. 250 per Dispensing Box	4 Boxes / Case
12245	Single Wrapped Paper Handle Swabs with Dentifrice, 12cm Length. 250 per Dispensing Box	4 Boxes / Case
12246	Single Wrapped Paper Handle Swabs with Dentifrice, 12cm Length. 250 per Dispensing Box	2 Boxes / Case
12254	Single Wrapped Plastic Handle Swabs, 15cm Length. 250 per Dispensing Box	4 Boxes / Case
12255	Single Wrapped Plastic Handle Swabs with Dentifrice, 15cm Length. 250 per Dispensing Box	4 Boxes / Case
12249	Bulk Wrapped Paper Handle Swabs with Dentifrice, 15cm Length. 20 per Pouch	25 Pouches / Case
12252	Bulk Wrapped Plastic Handle Swabs, 15cm Length. 500 per Dispensing Box	2 Boxes / Case



Code	Page
PAEDIATRIC	
MICROCUFF* ENDOTRACHEAL TUBES	
MICROCUFF* Oral / Nasal Magill	
35111	9
35112	9
35113	9
35114	9
35115	9
35116	9
35117	9
35118	9
35119	9
MICROCUFF* Oral Curved (RAE)	
35161	9
35162	9
35163	9
35164	9
35165	9
35166	9
35167	9
35168	9
35169	9
ADULT	
MICROCUFF* ENDOTRACHEAL TUBES	
Oral / Nasal Magill with Murphy Eye	
35210	10
35211	10
35212	10
35213	10
35214	10
35215	10
35216	10
35217	10
35218	10
35220	10
Subglottic Suctioning with Murphy Eye	
13220	11
13221	11
13222	11
13223	11
13222	11

Code	Page
NEONATAL / PAEDIATRIC	
CLOSED SUCTION SYSTEMS	
Y-Adapter	
195-5	15
196-5	15
197-5	15
198-5	15
1910-5	15
1912-5	15
Elbow	
206-5	15
207-5	15
208-5	15
210-5	15
NEONATAL	
MULTI-ACCESS CATHETER	
1900	16
NEONATAL / PAEDIATRIC	
CLOSED SUCTION SYSTEM ACCESSORIES	
111	17
19000	17
19030	17
19035	17

Code	Page
ADULT	
TURBO* 72 HR CLOSED SUCTION SYSTEMS	
Turbo*	
22716-5	20
227166-5	20
22715-5	20
227156-5	20
2271603-5	20
22716036-5	20
227135-5	20
227-5	20
2276-5	20
22714186-5	20
227012586	20
22703-5	20
227036-5	20
22701356-5	20
22716186-5	20
STANDARD 24 HR CLOSED SUCTION SYSTEMS	
Double-Swivel Elbow	
2160-5	22
21606-5	22
21603-5	22
216036-5	22
2210-5	22
22106-5	22
22108-5	22
22103-5	22
221036-5	22
25-2210-5*	22
2260-5	22
22606-5	22
T-Piece	
2155-5	23
2205-5	23
22056-5	23
220568-5	23
220135-5	23
22012356-5*	23

Code	Page
Directional Tip	
21609-5	23
22109-5	23
221069-5	23
22059-5	23
220569-5	23
Standard Dual Lumen	
22107-5	23

MULTI-ACCESS PORT CLOSED SUCTION SYSTEMS

MAP Catheters & Replacement Catheters

240128-5	25
2401286-5	25
240125-5	25
2401236-5	25
24001238-5	25
2401253-5	25
240148-5	25
2401486-5	25
240145-5	25
2401438-5	25
24014386-5	25
2401453-5	25

MAP Catheter Seal Cassette

24013-5	25
---------	----

BALLARD* MINI-BAL SAMPLING CATHETER

Bronchial Aspirate Sampling Catheter

142	26
143	26

Code	Page
ADULT	
CLOSED SUCTION SYSTEM ACCESSORIES	
111	27
112	27
1115	27
114	27
118	27
119	27

NEONATAL / PAEDIATRIC

ORAL CARE SOLUTIONS

Oral Care Suction Catheters

1221	30
1222	30
1223	30

ADULT

ORAL CARE SOLUTIONS

Oral Kit Components

12601	33
12602	33
12603	33
12606	33
99785	33
99786	33
99789	33
25928	33
122	33

Oral Care Swabs

12240	34
12245	34
12246	34
12254	34
12255	34
12249	34
12252	34

References

1. Cordero L et al. (2000). Comparison of a closed with an open endotracheal suction system in small premature infants. *J of Perinatology*, 20, p151-156
2. Corley, A et al. (2013). Lung Volume Changes During Cleaning of Closed Endotracheal Suction Catheter: a randomised crossover study using electrical impedance tomography. *Respiratory Care*
3. Cason, CL et al. (2007). Nurses' Implementation of Guidelines for Ventilator-Associated Pneumonia from the Centres for Disease Control. *American Journal of Critical Care*, 16 (1), p28-37
4. Pear, S. (2007). Oral Care is Critical. The Role of Oral Care in the Prevention of Hospital-Acquired Pneumonia. *Infection Control Today*. 11 (10), p1-4
5. Dullenkopf A, Gerber AC, Weiss M. Fluid leakage past tracheal tube cuffs: evaluation of the new MICROCUFF* endotracheal tube. *Intensive Care Medicine*. 2003; 29:1849-1853
6. Data on file. Roswell, GA, KCWW
7. Data on file 510K Clearance K120985
8. Data on file #R151219. Evaluation of Fluid Leakage Past Tracheal Tube Cuffs: Effects of Tracheal Size and Cuff Pressure.
9. Compared to Ballard* TrachCare* 24-hour closed suction systems. Ballard* Critical Care Products Trach Care* 72 Microbiology Report, Nelson laboratories Final Reports, Laboratory Numbers 18343, 163901.1

For more Information:

www.avanos.com.au

To Order:

1800 101 021 in Australia

0800 525 270 in New Zealand

customerservice.anz@avanos.com

AVANOS

www.avanos.com.au

* Registered Trademark or Trademark of Avanos Medical, Inc., or its affiliates.

© 2018 AVNS. All rights reserved.

COPY-04628