

RELIABLE. EASY TO USE. COST-EFFECTIVE.

Nellcor™ Adult/Pediatric Colorimetric CO₂ Detector



Inspiration



Expiration

The Nellcor™ adult/pediatric colorimetric CO₂ detector:

- Detects exhaled CO₂ levels during intubation for up to two hours
- Displays constant and easy-to-see visual feedback with breath-to-breath response
- Uses the familiar purple-to-yellow color scheme clinicians have used for years
- Helps assess CPR effectiveness

A trusted method to confirm correct endotracheal tube placement

For years, clinicians like you have relied on the Nellcor™ adult/pediatric colorimetric CO₂ detector to verify proper endotracheal (ET) tube placement. It's how you know your patient is intubated properly right from the start — and throughout transport.

This easy-to-use CO₂ detector attaches directly to the ET tube and responds quickly to exhaled CO₂ by changing from purple to yellow. Whether you're intubating patients in the ED, the ICU, or the field, Nellcor™ adult/pediatric CO₂ detectors provide an economical yet invaluable airway management tool.

Reliable technology you can trust.

Medtronic
Further, Together

A cost-effective way to meet published guidelines

Clinical guidelines and standards from major health organizations state that CO₂ detection should be an adjunct to clinical assessment during verification of correct ET tube placement. These organizations include:

- American Heart Association¹
- American Association for Respiratory Care²
- American Society of Anesthesiologists³

Specifications

Model	Adult	Pediatric
Recommended patient size	Weight more than 15 kg	Weight 1 to 15 kg
Internal volume	25 cc	3 cc
Resistance to flow	4.4 cm H ₂ O ± 1.0 cm at 60 L/min flow	2.5 cm H ₂ O ± 0.5 cm at 10 L/min flow
Detector weight	Less than 20 g	Less than 5 g
Connector port, patient end	22 mm O.D./15 mm I.D.	18 mm O.D./15 mm I.D.
Connector port, circuit end	15 mm O.D./13 mm I.D.	15 mm O.D./5 mm I.D.
Usage time	Up to 2 hours	Up to 2 hours
Color chart	"A" range: approx. 0.03% to <0.5% EtCO ₂ (<4 mm Hg) "B" range: approx. 0.5% to <2.0% EtCO ₂ (4 to <15 mm Hg) "C" range: approx. 2.0% to 5.0% EtCO ₂ (15 to 38 mm Hg)	

Ordering Information

Description	Catalog number
Adult — 24 per case	EASYCAP II
Adult — 6 per case	EASYCAP II 6
Pediatric — 24 per case	PEDICAP
Pediatric — 6 per case	PEDICAP 6

1. 2005 American Heart Association (AHA) guidelines for cardiopulmonary resuscitation (CPR) and emergency cardiovascular care (ECC) of pediatric and neonatal patients: pediatric advanced life support. *Pediatrics*. 2006;117(5):e1005-e1028.
2. Walsh, Brian. "Capnography/Capnometry During Mechanical Ventilation: 2011." AARC Clinical Practice Guideline, vol. 56, no. 4, Apr. 2011, pp. 503–509.
3. American Society of Anesthesiologists. Standards for basic anesthetic monitoring. <http://www.asahq.org/knowledge-base/ethics-andmedicolegal-issues/asa/media/for%2520members/documents/standards%2520guidelines%2520stmts/basic%2520anesthetic%2520monitoring%25202011.aspx>. Accessed February 8, 2011

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