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› Covidien PEDICAP 6 Nellcor Pediatric Colorimetric CO2 Detector, Latex-Free (6-pack)

COVIDIEN PEDICAP 6

Covidien PEDICAP 6 Nellcor Pediatric Colorimetric CO2 Detector

Model: PEDICAP 6

PRODUCT OVERVIEW

The Nellcor colorimetric CO2 detector for adults has a breath response and provides constant visual feedback for up to two hours. This specific product, the PEDICAP 6, is designed for pediatric use, offering a reliable method for CO2 detection.

Key Features:

- Latex-free design ensures safety for sensitive patients.



Figure 1: Branding image for Medtronic PEDICAP 6. This image displays the manufacturer's name "Medtronic" and the product model "PEDICAP 6", indicating the product's origin and specific identification.

SETUP INSTRUCTIONS

Proper setup is crucial for accurate CO2 detection. While specific setup steps may vary based on the medical device it's integrated with, general guidelines apply:

1. **Inspect Packaging:** Before opening, visually inspect the sterile packaging for any damage or compromise. Do not use if the package is damaged.
2. **Verify Product:** Confirm that the product is the correct PEDICAP 6 pediatric colorimetric CO2 detector.
3. **Aseptic Technique:** Always use aseptic technique when handling the detector to maintain sterility.
4. **Attach Securely:** Connect the detector securely to the appropriate patient circuit or device as per your facility's protocol and the instructions of the primary medical equipment.
5. **Initial Check:** Perform an initial check to ensure the detector is functioning correctly and providing a baseline reading before patient application.

OPERATING INSTRUCTIONS

The PEDICAP 6 detector provides visual feedback on CO2 levels. Understanding the color changes is key to its operation:

- **Color Indication:** The detector changes color in response to CO2. Typically, a purple color indicates no CO2, yellow indicates the presence of CO2 (end-tidal CO2), and tan/brown indicates inadequate CO2 or an intermediate state. Refer to the specific color chart provided with the product for precise interpretation.
- **Continuous Monitoring:** The detector provides continuous visual feedback for up to two hours. Monitor the color change with each breath.
- **Patient Application:** Once attached to the patient's airway circuit, observe the color change during exhalation to confirm proper intubation or ventilation.
- **Disposal:** After use, dispose of the detector according to hospital protocols for medical waste.

MAINTENANCE

The PEDICAP 6 detector is a single-use, disposable device and requires no maintenance. Do not attempt to clean, sterilize, or reuse the detector. Reuse can lead to cross-contamination or device malfunction.

TROUBLESHOOTING

If the PEDICAP 6 detector does not perform as expected, consider the following:

- **No Color Change:**
 - Ensure proper connection to the patient's airway.
 - Verify patient ventilation.
 - Check for leaks in the circuit.
 - Confirm the detector is within its two-hour operational window.
 - If still no change, replace the detector with a new one.
- **Incorrect Color Indication:**
 - Ensure the detector is not exposed to external contaminants or extreme temperatures.
 - Verify the patient's physiological status.

- Replace the detector if color appears inconsistent or faded.
- **Damaged Packaging/Device:** Do not use if the sterile packaging is compromised or the device appears physically damaged. Dispose of and use a new, intact detector.

SPECIFICATIONS

Attribute	Value
Product Model Number	PEDICAP 6
ASIN	B01E8T2N1M
Manufacturer	Medtronic
Package Dimensions	25.4 x 25.4 x 25.4 cm; 453.59 g
First Available Date	April 22, 2016
Latex-Free	Yes

WARRANTY AND SUPPORT

As a single-use medical device, the Covidien PEDICAP 6 Nellcor Pediatric Colorimetric CO2 Detector typically does not come with an extended warranty for individual units beyond ensuring sterility and functionality upon receipt. For any issues related to product defects or quality concerns, please contact your supplier or the manufacturer, Medtronic, directly. For technical support or further information, please refer to the official Medtronic website or contact their customer service department. Always follow the guidelines and protocols established by your healthcare institution when using medical devices.

