Flow-Bag™
Oxygen Mask Breath Indicator

Respiratory Indicator for Oxygen Masks

Flow-Bag is a world first low-cost disposable breath indicator. Designed and developed in Queensland, Australia to solve the clinical difficulty of evaluating respiratory rate, and identifying patient apnoea when capnography is not available.

How It Works

1 Adhere to any standard oxygen face mask

2 Flow-Bag inflates during exhalation

3 Flow-Bag deflates during inhalation

4 Flow-Bag stops moving during apnoea

PEMDx
PRECISION ELECTRONIC MEDICAL DIAGNOSTICS

Flow Bag Benefits

LATERAL MEDICAL

Increased accuracy of respiratory related assessments

Breath-by-breath indications

Easily fits to any standard oxygen face mask

No setup required

Low-cost compared to other respiratory monitors

Clinical Advantage

MONITORING METHOD	ENABLES PATIENT TRANSPORT	DOES NOT REQUIRE SET UP	RAPID RESPIRATORY ASSESSMENT	VISIBLE FROM >5 METRES
Flow-Bag	✓	✓	✓	✓
Medtronic Microstream	✗	✗	✓	✓
Standard Capnography	✗	✗	✓	✓
Clinical Observation	✓	✓	✗	✗

Systematic Literature Review
Postoperative Respiratory Monitoring

A review of 5 studies comparing the use of respiratory monitoring technologies to conventional nursing spot checks in postoperative care found significant improvements. [1]

15x

Higher odds of recognising apnoea using respiratory monitors vs clinical observations

34%

Risk reduction of ICU transfer through early identification & airway management

8.6%

More postoperative respiratory depression recognition vs pulse oximetry alone

[1] T. Lam, M. Nagappa, J. Wong, M. Singh, D. Wong and F. Chung, "Continuous Pulse Oximetry and Capnography Monitoring for Postoperative Respiratory Depression and Adverse Events", Anesthesia & Analgesia, vol. 125, no. 6, pp. 2019-2029, 2017. Available: 10.1213/ane.0000000000002557.

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