



ANIMAL HEALTH

# Anesthesia + Monitoring





# You make a difference.

Your compassion and care improve your patients' lives every day, giving them a chance to spend more time with the people they love—and who love them. That's more time for belly rubs, kisses and ear scratches.

Sometimes anesthetic procedures are needed to provide the highest level of care. We're here to walk you through a better way to manage your anesthetic delivery program to reduce patient risk, improve staff confidence and help alleviate your clients' fear of anesthesia.



A close-up photograph of a man with a beard, wearing a blue suit jacket, holding a brown dog. The man's face is partially visible, looking down at the dog with a gentle expression. The dog is looking towards the left of the frame. The background is a solid blue color.

# Fear of anesthesia is **very real**.

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Anesthesia can be scary for pet parents, leading many to postpone or decline important procedures. Their pets are family and they don't want to put them at risk.

# Risk for complications is inherent in anesthesia.

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Anesthesia can also be stressful for care teams. The mortality rates of peri-anesthetic veterinary patients are nearly 100 times higher than for humans.<sup>1</sup> With tens of thousands of companion animals undergoing anesthetic procedures each year, that's a gap too big to ignore.

**Did you realize human error and insufficient knowledge of equipment can be significant sources of anesthetic complications?**

For example, pressure can build in a machine because an APL valve is closed. Or a patient will rebreathe CO<sub>2</sub> when the soda lime is expired.



# How can you enhance the health + safety of companion animals?

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As client expectations continue to evolve, many want veterinary care standards to mirror those they experience in human healthcare.

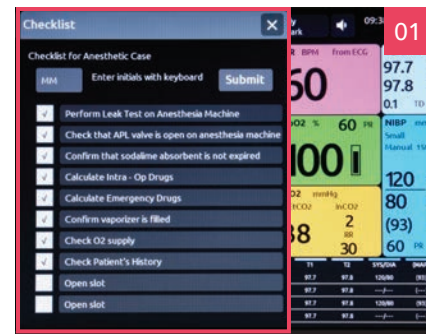


When anesthetic equipment and education are designed to help you identify—and prevent—the most common errors that lead to anesthetic complications, **you'll have the support you need to better care for your patients while they are under anesthesia.**

# Improve Anesthetic Outcomes

One of the foundations of quality anesthesia delivery is equipment. Reliable anesthesia and monitoring equipment can help you be better prepared to avoid anesthetic complications. **Or quickly address those that do occur.**

Our anesthesia solutions incorporate enhanced safety features that help you create best-practice processes and anesthetic protocols. Your entire team will feel aligned, confident and more in control of anesthetic situations.



- 01 BEST PRACTICE REMINDERS**  
Built in pre-procedure checklist, CO<sub>2</sub> soda lime absorbent reminder and NIBP best practices guide.
- 02 ECG + CO<sub>2</sub> CATALOGS**  
Use the integrated waveform catalogs to quickly match abnormal waveforms to patterns of common anesthetic occurrences.
- 03 ALARM CENTER + TROUBLESHOOTING GUIDE**  
Quickly manage technical and physiological alarms with the built-in alarm center. Reference the built-in troubleshooting guide for technical alarms.
- 04 CUSTOMIZABLE USER DISPLAY**  
Save user-preferred alarm and display settings.
- 05 BLOOD PRESSURE**  
Cardell® BP technology includes advanced motion artifact suppression, which disregards non-cardiac patient motion for more reliable readings. An added screening mode provides more precise diagnostic readings for awake patients.
- 06 OCCLUSION VALVE**  
Manually ventilate the patient without closing the APL valve.
- 07 NEGATIVE PRESSURE RELIEF VALVE**  
Allow room air into your anesthesia machine if oxygen becomes depleted in the machine.
- 08 DURABLE DESIGN**  
Designed to be easy to clean and maintain for long-lasting durability and performance.



# Empower Your Team with Training

**LEARNING TOGETHER AND PUTTING NEW KNOWLEDGE INTO PRACTICE CAN GIVE YOUR TEAM GREATER COMPETENCE, CONFIDENCE AND JOB SATISFACTION.**

Everyone on your team can achieve greater proficiency in anesthesia, monitoring and equipment use. Accredited specialists from Midmark Academy<sup>SM</sup> deliver comprehensive training in your hospital, using your equipment, with your staff.



## Enhance Your Anesthesia Skills in a Controlled Environment



**Simulation training allows your team to improve anesthesia skills by practicing in a safe learning environment, without risking real patients.**

In the Midmark Academy Anesthesia Simulation Workshop, you'll learn how to better manage anesthesia delivery, respond to a variety of anesthesia-related situations and gain confidence in your skills. All of this will help you support better outcomes for your patients.



**"Anesthesia can be scary for pet parents. Their pets are part of the family. When performing anesthesia, we need to have the highest amount of knowledge and skill. Training gives us that."**

—Jennifer Sager,  
BS, CVT, VTS,  
Midmark Academy Trainer

Watch the introductory video and explore more details about the trainings here.



VI-AMT-SIM (RACE 8 Hours)  
Anesthesia Simulation Workshop



Midmark Academy<sup>SM</sup>  
RACE-Approved CE

# Get the clinical support you need, when you need it.

If you want to talk through an equipment question or need expert advice on a technical issue, you can directly call our clinical specialists. This team of highly credentialed veterinary technicians provides support on all of our anesthesia and monitoring solutions.

Our support team also offers clinical insights to help your team identify opportunities to improve anesthetic protocols.

We are here for you, ensuring that you get the most out of your Midmark products so you can continue to provide better care experiences for your patients.





# Explore Our Complete Portfolio of Products + Accessories



Midmark offers an extensive portfolio of anesthesia and monitoring solutions, including vaporizers, scavengers, ventilators, CO<sub>2</sub> absorbent, IV fluid warmers and accessories. Find everything you need in one convenient location.



VIP 3000®  
Vaporizers



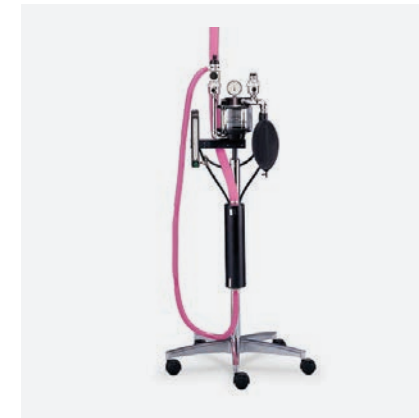
3002PRO Small Animal  
Anesthesia Ventilator



Midmark IV  
Fluid Warmer



Midmark Central  
Scavenger



Anesthetic Gas  
Scavenger



Sodasorb® LF and Sodasorb®  
CO<sub>2</sub> Absorbent



Anesthesia Machine  
Maintenance Kits



01 Capnostat® Mainstream CO<sub>2</sub> Probe  
02 LoFlo™ Sidestream CO<sub>2</sub> Module



01 Masimo® Multigas Mainstream  
CO<sub>2</sub> Sensor and Adapters  
02 Masimo® Multigas Sidestream  
CO<sub>2</sub> Sensor and Adapters



Anesthesia



Monitoring



Parts + Accessories

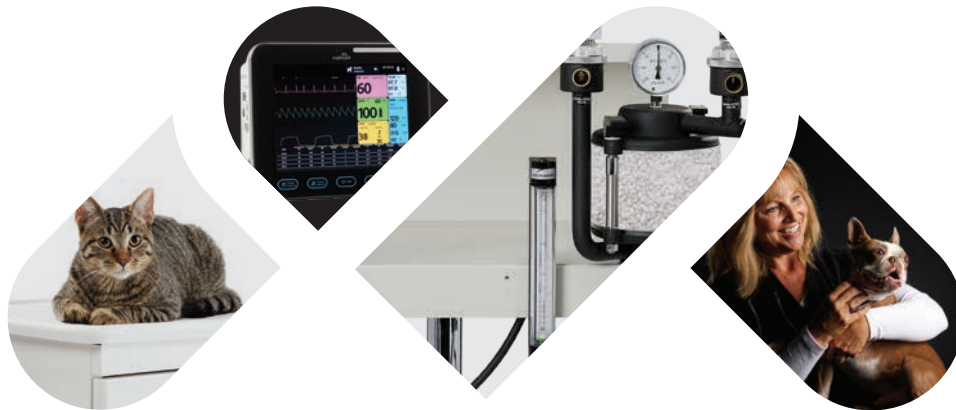
# The outcome is well worth the effort.

Your patients and clients rely on your expertise, care and compassion to help them feel at ease. Combining proper equipment, education and clinical support gives you confidence in your skills and access to reliable patient information during a procedure.

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**BETTER INFORMATION.  
BETTER CARE.  
BETTER OUTCOMES.**





Designing better care.®

#### SOURCES

1 Anaesthesia and Intensive Care, Vol. 41, No. 6, November 2013.

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