

## CASE STUDY

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# Molecular Products and Midmark: Enabling Better Anesthetic Outcomes For Patients

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Focusing on safety and improving patient outcomes is why Midmark advocates the use of Sodasorb LF soda lime in their anesthesia machines.



## THE CHALLENGE

Midmark has transformed the veterinary care environment, delivering products that enable better outcomes and more efficient care for animals and their care providers.

With an innovation mission underpinned by the belief that better care doesn't happen by chance, but by design, it's no surprise that Midmark has an enviable reputation for quality and safety.

For Midmark, empowering clinical teams in the animal health space is about more than just providing quality equipment. Their holistic approach encompasses an unwavering commitment to education and training for caregivers.

## THE OPPORTUNITY

Midmark anesthesia machines and monitoring equipment have been long-time favorites of veterinary professionals. Designed with enhanced safety features that help caregivers develop best practice processes and anesthetic protocols, Midmark anesthesia monitoring solutions help support animals and their care teams.

The risk for complications is inherent in anesthesia. In fact, mortality rates of peri-anesthetic veterinary patients can be nearly 100 times higher than humans<sup>1</sup>.

Reliable anesthesia and monitoring solutions can help veterinary care teams be better prepared to avoid anesthetic complications.

Focusing on safety and improving patient outcomes is why Midmark advocates the use of Sodasorb LF soda lime in their anesthesia machines. Unlike traditional absorbents, Molecular Products' manufactured Sodasorb LF has a permanent white-to-violet color change. This prevents veterinary providers from having to guess when to change their absorbent, as the permanent purple color indicates when it's the right time.

Without timely replacement, soda lime loses its ability to absorb CO<sub>2</sub> which can negatively impact patients during anesthetic procedures. This includes challenges in keeping the patient under anesthesia, higher levels of CO<sub>2</sub> and the risk of preventable patient injury or death.

## THE SOLUTION

With safety you can see, Sodasorb LF is a new generation of CO<sub>2</sub> absorbent. Unlike traditional soda lime products, it provides a high contrast, permanent color change as it absorbs CO<sub>2</sub>.

With a longer-lasting formula, Sodasorb LF reduces costs by requiring fewer changeouts when compared to other soda lime products. Its proven reliability, supreme safety and exceptional performance enables healthcare providers to give animals the best possible care when undergoing anesthesia.

Source:

<sup>1</sup>Veterinary and Human Anaesthesia: An Overview of Some Parallels and Contrasts. J. Carter and D. A. Story. Anaesthesia and Intensive Care 2013 41:6, 710-718



Sodasorb LF product range



## THE RELATIONSHIP

When Sodasorb LF was first introduced, Midmark learned that their customers were using the product for too long. They determined that the average veterinary clinic should change Sodasorb LF at least

weekly, where in practice it was being used far longer and well beyond its capacity to absorb CO<sub>2</sub>. Today's recommendation is 8 hours of anesthesia use, or two weeks unused.

More recently Molecular Products collaborated on Sodasorb LF training sessions

with the Midmark clinical team. Leveraging Molecular Products' understanding of the chemistry of the product, Midmark clinical experts were able to better educate their customers through their Midmark Academy course offerings, online resources and equipment training.

Issue 1

“Here at Molecular Products, we’re proud of the relationship we continue to evolve with Midmark. It’s embedded in a shared desire to provide safe products and empower care providers through education to give patients the best possible outcomes.”

David Bostic, VP of Business Development, Molecular Products

