



3M™ Nasal MDI



New twist on nasal drug delivery designed to drive patient preference.

In research, patients preferred the 3M™ Nasal MDI with its unique “twist-and-lock” design and “no-drip” spray to aqueous pump sprays and other nasal MDI designs. This makes it ideal for partners wanting a rapid extension of their inhaled corticosteroid into allergic rhinitis or for those seeking a device edge for new nasal treatments.



- Consistent pharmaceutical performance and dimensional data
- Designed to eliminate nasal run-off and post-nasal drip, thereby minimizing aftertaste
- Compatible with existing valves and 3M™ Integrated Dose by Dose Counter
- Compact, convenient patient-approved design
- Backed by more than 50 years of experience in MDI product development

3M Nasal MDI overcomes limitations of aqueous pump sprays

While effective, the use of aqueous pump sprays for allergic rhinitis has significant drawbacks for patients and partners. For patients, sprays that run back down the nose and drip down the throat are unpleasant, both in sensation and taste, and unhygienic, a perception compounded by a short shelf life once opened. For pharmaceutical companies, aseptic manufacturing environments increase costs, while lack of device differentiation limits patient choices.

Patient-centric design drives preference

With more than 50 years of experience in the development of inhalation drug delivery, 3M has a deep understanding of what patients want. The 3M Nasal MDI is designed to help drive patient preference while our device technology delivers reliable dosing.

- Evaporating spray technology eliminates run-off and drip
- Designed to reduce aftertaste and throat irritation
- Contemporary, compact, robust design that's intuitive to use
- Increases shelf life without preservatives that can irritate
- Dose counter delivers peace of mind
- Improves hygiene

Global laboratory network. Local response.

Three labs in strategic locations allow us to be responsive to your needs and offer quick turnaround times. Global data management systems give you confidence in the data we provide while streamlining capture, management and reporting, further optimizing the process by maximizing communication and minimizing downtime.

Device technology delivers competitive advantage

Clients can count on the experienced inhalation professionals at 3M to understand their objectives and cost-effectively meet their needs. The 3M Nasal MDI delivers device differentiation versus aqueous pump sprays and offers life cycle management options for molecules coming off patent as well as new molecules targeting nasal allergies.

- Does not require aseptic manufacturing environment
- Utilizes technology familiar to regulators
- Compatible with existing valves
- Dose counter integrated
- Patient-preferred no-drip format
- Cost-effective

A stable, trusted partner

3M Drug Delivery Systems offers more than 50 years of experience and proven success in technology, product development and manufacturing, coupled with global regulatory expertise. Partnering with 3M ensures a smooth process from start to finish, helping you bring your products to market more quickly with reliable devices that help ensure your technical success. 3M is ready to perform an initial feasibility of your product with this innovative new device.



- Incorporates reliable 3M pulmonary pMDI technology
- Twist-and-lock cover improves hygiene and can't be misplaced
- Patient-friendly no-drip treatment
- Dose counter integrated
- Metered for accurate dosing



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