

ViaNase Electronic Atomizer



A New Spin on Nasal Drug Delivery

Differentiate your drug products with an intranasal delivery system that improves treatment efficacy and facilitates patient compliance.

ViaNase™ is an advanced nasal drug delivery device with the ability to optimally saturate the entire nasal cavity, including the olfactory region and paranasal sinuses. ViaNase offers effective and efficient delivery of a wide range of topical, systemic, and nose-to-brain drug therapies. Its pocket-size and patient-friendly operation facilitate compliance.

Controlled Particle Dispersion™ Technology

ViaNase with Controlled Particle Dispersion (CPD)™ technology allows formulations to negotiate the complicated structure and varied airflows of the nasal cavity.

Using the principle of vortical flow, CPD effectively disrupts inherent nasal cavity airflows to deliver formulations to the entire nasal cavity including the olfactory region and paranasal sinuses. By optimizing droplet size and trajectory, CPD saturates the nasal cavity, lengthens formulation residence time, and minimizes peripheral deposition to the lungs and stomach.

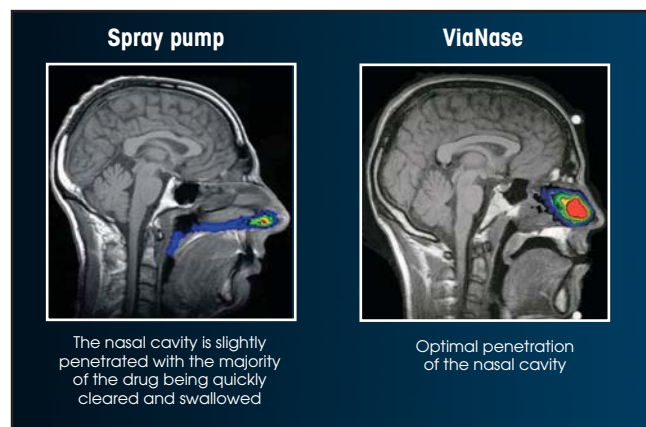
Advantages

- Consistent dosing
- Superior efficacy
- Preservative-free, unit dose ampoules
- Patient-friendly operation
- Pocket-sized portability



Limitations of Current Nasal Delivery Systems

Many patients who use nasal spray pumps to administer prescription drugs do not get the intended result or relief. Spray pumps and metered dose inhalers do not deliver compounds to the entire nasal cavity which limits treatment efficacy. Instead up to 90% of the drug delivered by these devices is quickly cleared and swallowed. Doses are not consistent due to a poor user interface and variable spray characteristics. These drawbacks lead to poor prescription refill and weak brand loyalty.



Increase Drug Product Sales with ViaNase

Turn to ViaNase's ease of use, portability, and proven efficacy to differentiate your pharmaceutical products.

Feature	ViaNase	Spray Pumps	Comment
Saturates the nasal cavity	●		Spray pumps only penetrate the front one-third of the nasal cavity
Penetrates the paranasal sinuses	●		The only known device that delivers to this region
Odorless, tasteless and painless	●		Spray pumps produce nasal irritation, unpleasant taste, and headache which decrease patient compliance rates
Minimal stomach deposition	●		
Minimal lung deposition	●	●	
Easy to Use	●		80% of patients use spray pumps incorrectly. ViaNase is extremely easy to use correctly.
Quick treatment times	●	●	Both under 60 seconds
Uses unit dose, preservative free ampoules	●		Ampoules result in lower production costs and no preservative-induced side effects

Comparison of ViaNase with Spray Pumps

Product Specifications

Power Supply	AC power or battery
Approximate Weight	7 oz. with batteries
External Dimensions	4" x 3" x 1"
Max. Medication Capacity	0.2 ml. - 5 ml.
Operating Temperature	10-40° C to 95% humidity
Warranty	2 year



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