

ViaNase ID Electronic Atomizer



ViaNaseID™ with integrated display and authentication technology

Intelligent Nasal Drug Delivery

Differentiate your drug products with an intranasal delivery system that improves treatment efficacy, minimizes counterfeit drug use, and can facilitate patient compliance.

ViaNase ID™ is a pocket-sized nasal drug delivery device that optimally saturates the entire nasal cavity. The device incorporates authentication technologies, data transfer, and an electronic display - features that directly address counterfeit and abuse control.

Controlled Particle Dispersion™ Technology

ViaNase ID 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.

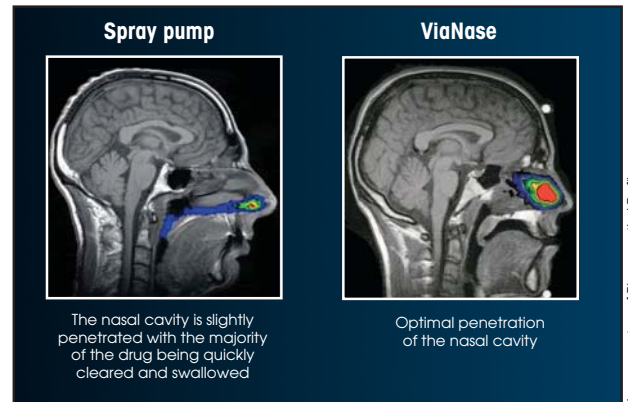


Advantages

- Rapid onset of action
- Superior efficacy
- Preservative-free, unit dose ampoules
- Patient-friendly operation
- Compliance monitoring
- Authentication for counterfeit and abuse control
- 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 formulations to the entire nasal cavity limiting 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. In addition, most spray pumps do not offer authentication or compliance monitoring features.



Images courtesy of Pharmaceutical Profiles

Increase Drug Product Sales with ViaNase ID

Look to ViaNase ID's ease of use, portability, and authentication technology to differentiate your pharmaceutical products.

Feature	ViaNase ID	Spray Pumps	Comment
Saturates the nasal cavity	●		Spray pumps only penetrate the front 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 ID 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
Intelligent delivery electronics	●		Improves patient compliance, minimizes counterfeits and abuse

Comparison of ViaNase ID 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
Data Transfer	Information downloads via USB or wireless to PC
Data Display	Dose count, cleaning indicator, battery status, drug ID, etc.
Warranty	2 year



19805 North Creek Parkway, Suite 120
Bothell, WA 98011
(425) 640-9249 fax (425) 673-5783
info@kurvetech.com

