



*Transforming Patient Experience*

**SMART AND SIMPLE  
MEDICAL DEVICES PLATFORM  
FOR SPRAY DELIVERY**



# How to do topical, mucosal delivery ?

New formulations such as high viscosity products are challenging for delivery both for patients and healthcare professionals.

EVEON offers modular solutions for **automated airless spray device** for topical delivery, adaptable for various drugs.

## Spray deposition, an innovative administration route



### Improved surface covering

Small dose on large surface area



### Safe

Non-contact delivery, non-invasive



### Better access

Delivery to limited access area

## Advantages of EVEON spray nozzle



Low to highly viscous formulations



Airless, propellant free  
sterility, eco-friendly



Fine mist



Precise dosing



Controlled flow rate



Low pressure

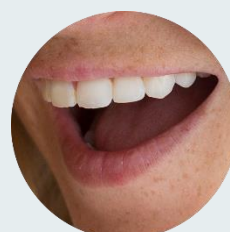
## Examples of targeted areas



Nasal



Dermatology



Oral

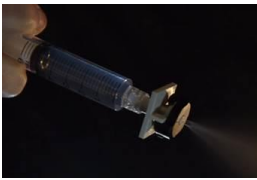
# Airless spray is our custom-made solution for non-contact delivery

## EVEON Spray nozzle:

- Disposable and sterile
- Adapted to primary containers
- Custom integration:
  - Connected to a syringe for manual spray deposition
  - Or integrated in a custom automated device



## Custom integration



- Nozzle only connected to a syringe
- Manual Delivery
- Continuous delivery



- Nozzle combined with a pump integrated in a device
- Automatic delivery
- Dose delivery

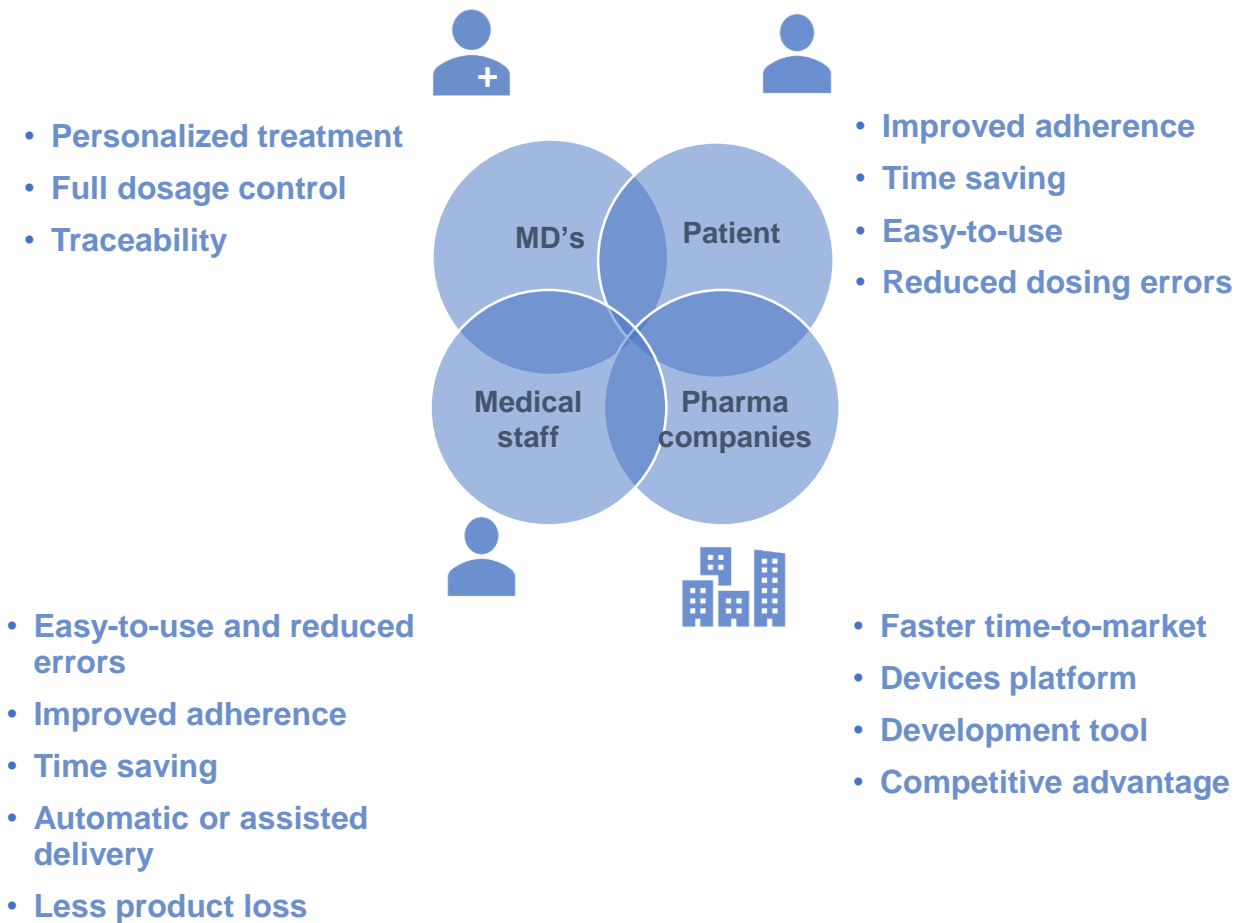
## Other options

- Nozzle at the end of a catheter connected to a syringe or a device
- Manual or automatic delivery
- Continuous or dose delivery
- ....

## Specifications

Flow rate	From 0.1 to 1mL/s
Dosage	From 15 $\mu$ L to 300 $\mu$ L $\pm$ 1 $\mu$ L Or continuous delivery
Particle Size	10-40 microns
Spray angle	From 25° to 60°
Tip diameter	4.02mm
Dead volume	<7 $\mu$ L
Viscosity	Up to 8000 Pa.s with shear-thinning fluids
Inlet pressure	From 2 bar

## Our value proposition



To learn more, visit [www.eveon.eu](http://www.eveon.eu)  
and contact us [contact@eveon.eu](mailto:contact@eveon.eu)