

**PRESENTATION ABSTRACT****Presentation topic: Delivery Systems for Nasal Preservative Free Drug Formulation****Speaker:**Lorenzo Pellegrini Quarantotti  
Account Manager — Eastern Europe**Company:**

Pfeiffer/Valois

**Abstracts:**

A variety of drugs are delivered to patients through the nose for both local and systemic treatments. Traditionally, preservatives have been used to prevent bacterial growth during storage and use of the drugs.

So why Preservative Free Systems?

- Preservatives have been recognized to slow down the mucociliary clearance, therefore inhibiting the natural removal of nasal contamination by foreign particles or bacteria
- Preservatives also induce irritation and allergies for patients
  - ✓ German Agency BfArM published a risk statement in June 2002 so that patients are informed of the preservatives risks (BKC)
- Preservative free formulations avoid toxic effect on mucociliary activity and irritation
- May ease formulation development
- Allow a marketing product differentiation

We at Pfeiffer and Valois are the worldwide leader in Preservative Free Systems, expert in the Design, development and manufacture of Proprietary non-invasive Drug Delivery Devices, Specialized in Nasal & Pulmonary Drug Delivery as well as other delivery routes incl. Buccal/Sub-lingual, Throat, Dermal/Transdermal. We strongly focus on Customers' satisfaction, Innovation, Quality, Service and Security of supply.