



PRODUCT REVIEW – SAFE'N'SOUND® & SAFELIA®

Séverine Duband, Nemera's Global Category Manager, Parenteral, provides a rundown of the features of Nemera's injectable device offering, the Safe'n'Sound® single-use safety device and the Safelia® two-step autoinjector.

SAFE'N'SOUND®

Safe'n'Sound® (Figure 1) is a single-use safety device to protect patients and healthcare professionals from accidental needlestick injuries. It is activated passively with one hand, suitable for low fill-volumes and higher viscosity formulations, robust against shocks and vibrations and compatible with all scales of assembly line, from manual to fully automated.

It is also compatible with both prefilled ISO standard glass syringes and PLA-JEX plastic syringes, fitting 1 mL “long” and 2.25 mL long staked syringes with a maximum needle length of half an inch (12.7 mm).

Ergonomically designed, Safe'n'Sound® is intended for treatment-naïve users, experienced users and healthcare professionals alike. It features a large thumb-pad for ease of use, clear visibility of the tip for easy inspection of the drug and a rounded shape for increased labelling surface.

Safe'n'Sound® is a highly customisable platform, able to respond to pharma and user needs. There are, for example, the options of an extended finger flange, coloured plunger rod, a “soft touch” thumb-pad and a one-handed, subcutaneous rigid needle shield (RNS) removal feature.

SAFELIA®

Nemera's two-step autoinjector, Safelia® (Figure 2), has been designed to respond to challenges posed by new formulations, while taking patient needs into consideration. A platform for 1 mL or 2.25 mL prefilled syringes, Safelia® features:

- A patented cam-based mechanism for delivering more viscous formulations through thinner needles.
- A disconnected needle insertion and injection system so that the right dose can be delivered at the right depth.



Figure 1: Nemera's Safe'n'Sound® single-use safety system.



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Figure 2: Nemera's Safelia® two-step autoinjector.

- Reduced risk of glass breakage due to forces being transmitted onto the syringe shoulder instead of the flange and reduced shock force and stress (thanks to a reduced needle insertion speed and increased needle deceleration distance).
- A tailored needle insertion and injection speed for each formulation.
- The ability to slow down the beginning and end of an injection.
- A hidden needle for increased safety.
- A simple two-step injection process for ease of use (Figure 3).

CONCLUSION

Parenteral drug administration exposes patients and healthcare professionals to many hazards. To ensure adherence and users' safety, reliable and easy-to-use devices are needed. With decades of experience in developing and manufacturing some of the most complex and innovative parenteral drug delivery solutions, Nemera is the ideal partner for a successful product launch.

ABOUT THE COMPANY

Nemera is a world leader in the design, development and manufacture of drug delivery devices for the pharmaceutical,

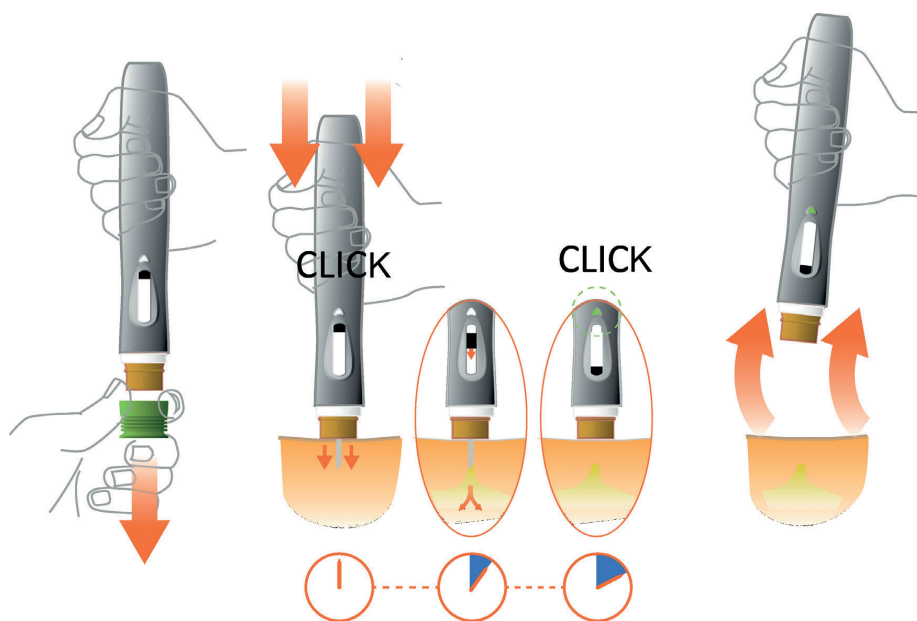


Figure 3: The two steps of using Safelia®.

biotechnology & generics industries. Nemera's services and products cover several key delivery routes:

- Parenteral (autoinjectors, pens, safety devices & implanters)
- Ophthalmic (multi-dose, preservative-free eyedroppers)
- Nasal, buccal, auricular (pumps, valves and actuators for sprays)

- Inhalation (pMDIs, DPIs)
- Dermal and transdermal (airless & atmospheric dispensers).

Nemera always puts patients first, providing the most comprehensive range of devices in the industry, including innovative off-the-shelf systems, customised design development, and contract manufacturing.

ABOUT THE AUTHOR

Séverine Duband is Category Manager at Nemera in charge of the parenteral range of proprietary products including Safe'n'Sound®, the passive safety device platform for prefilled syringes. Ms Duband joined Nemera in 2018. She has ten years' marketing experience in fast-moving consumer goods with key competencies including strategic planning, NPD launches, project management, brand communication and team leadership in an international environment. Ms Duband has a Masters in Science in Business Marketing from EMLYON Business School, Lyon, France.

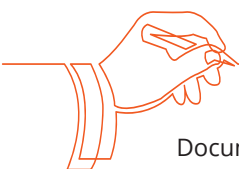


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