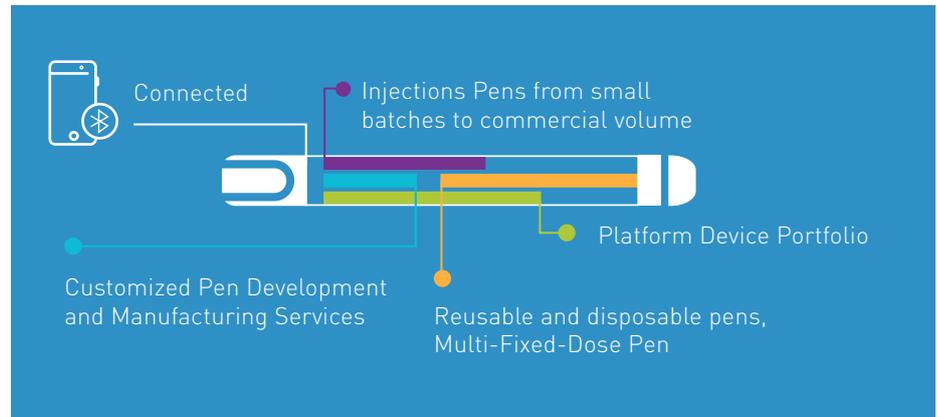


# Improved patient safety from new drug delivery device

Clinical trials or industrial use of the self-injection system: The D-Flex Pen by Haselmeier is part of a brand new generation of drug delivery devices.



Pressure in healthcare management continues to grow: New treatments must be safe, efficient and, if at all possible, more cost-efficient than anything that has come before them. The patients are also asked to show increased self-management in order to save costs. Modern drug delivery devices help make self-medication as simple and safe for patients as possible.

## Drug delivery device for self-injection

The principle has been known for several years in the area of insulin administration. It is now increasingly also tried out with other active substances. The administration form of a drug is a decisive factor for its success. Haselmeier has now designed the D-Flex Pen, a new injection pen for subcutaneous applications. The result of intense development work is a pen that can administer up to 10 different doses that can be set firmly.

## A single part is decisive - the values can be configured in advance

The D-Flex Pen is a drug delivery device of the latest generation: It is designed for configuration of drug delivery by replacing a single part. The pen can be used for several drugs of a manufacturer. Also: a single pen is enough to administer up to 10 different fixed doses. This may be important in an early phase of clinical trials, for example: increasing doses is possible as well as using different doses at different times of the day

The advantages of the new D-Flex drug delivery system at a glance

- D-Flex Pen can be used with a 1 ml or 3 ml cartridge
- Pre-configured doses – a single one or up to 10 different ones
- Individual pen design
- Better patient safety
- Easy handling
- Labelling according to manufacturer specifications
- Available completely customised thanks to a pharmaceutical production license
- New product platform for lower investment costs and quick market maturity

## Partner for clinical trials

Haselmeier is a reliable partner for pharmaceutical companies from planning to production and industrial market introduction of a product. Nearly 100 years of experience in the area of medical devices ensure a comprehensive understanding of the requirements that a pharmaceutical manufacturer must meet. Therefore, the Haselmeier range includes production of small batches for early stages of medicine trials.



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