

Press release

## **Sanner and Klosterfrau: new syringe concept for better adherence and more sustainability**

**Bensheim, September 13, 2023 – Prefilled syringes have been used primarily in self-medication for years. To facilitate this use, the [Klosterfrau Healthcare Group](#) and its subsidiary [Farco-Pharma](#) have joined forces with the [Sanner Group](#) to develop a new polypropylene (PP)-based syringe system. It not only improves adherence, but also contributes to the sustainability aspect.**

To date, the syringes and the connecting piece to the catheter were removed from sterile packaging. This resulted in handling difficulties, particularly for patients with motor impairments. The adapter was not to be touched and was firmly attached to the syringe. The syringe and adapter were then connected to the catheter access. In doing so, contamination had to be avoided under all circumstances.

### **Focus on ease of use and sustainability**

To improve the process of administration and adherence, Klosterfrau and Farco-Pharma now rely on a new solution developed jointly with Sanner. The new concept, which was launched this year, attaches the syringe directly to the catheter. This not only makes the application easier and more hygienic. It also saves on the plastic connector and is therefore more sustainable when it comes to using scarce resources.

### **Expertise pays off**

Sanner has been manufacturing PP syringes for Klosterfrau for many years and is known in the industry for its rapid and targeted development of different devices. Hence, the task of developing a syringe with improved properties was a perfect fit. The in-house product design department developed two proposals and created prototypes using 3D printing. After several application tests, Klosterfrau chose the concept with the advantage of a round cone that takes over the function of the adapter.

### **Implementation in the shortest possible time**

What is unusual here is that Sanner does not set the injection point at the thickest spot, i.e. not on the round cone, but at a more suitable location, which ensures an absolutely secure sealing fit on the catheter access. “This is supported by compliance with the tightest tolerances in manufacturing,” says Beatrix Höber, account manager at Sanner. “Thanks to our decades of experience in injection molding, we were able to implement the entire project within a very short time.” Less than nine months passed from the development of the concepts to the qualification of the 16-cavity mold. “Fast and targeted development is characteristic of Sanner,” says Höber. “With the construction of the new plant at our headquarters in Bensheim, we will have even better possibilities for the rapid implementation of new devices as of fall 2024.”

### **About Sanner**

[Sanner GmbH](#) was founded in 1894. Headquartered in Germany and leveraging its best-in-class manufacturing facilities across Germany, France, Hungary, and China. Sanner has successively developed from a global market leader for desiccant closures and effervescent tablet packaging into a sought-after provider of customized solutions in the areas of medical devices and diagnostics, pharmaceuticals, and consumer healthcare. Today, Sanner supplies its products to more than 150 countries globally and has over 600 employees. Since November 2021, [GHO Capital](#), a leading specialist healthcare investment advisor, holds the majority shares of Sanner. Together, GHO and the fourth generation of the Sanner family will continue the successful growth and create intelligent healthcare solutions for a better quality of life.

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