

Small tubes, great impact

Imagine if a few drops of blood were sufficient to analyse a wide range of parameters. If blood tests could be carried out quickly and easily, without searching for veins, stauching or using unnecessary equipment. Thanks to some clever innovations, a small tube is now making daily life a lot easier for users and patients.

Sometimes less is more. In some situations, only low quantities of blood can be taken in order to ensure that patients are as safe and comfortable as possible. The system not only benefits geriatric patients or those who need to have blood taken on a regular basis, but also burns victims, for example. Above all, a particularly gentle approach is required when it comes to our youngest patients. With this in mind, Greiner Bio-One has developed and optimized the **MiniCollect®** capillary blood collection system.

Capillary instead of vein

It's not always possible to take venous blood from a patient. This can often be due to difficult vein conditions, which may be the case with geriatric patients, for example. The situation is different for burns victims: infections resulting from unnecessarily large puncture wounds present an additional risk to them. The volumes of blood samples taken from patients with long-term illnesses, who need to have blood taken on a regular basis, should also be kept to a minimum. The **MiniCollect®** capillary blood collection system offers a suitable alternative for these situations as, for the most part, capillary blood samples can be taken quickly and easily, even in difficult situations.

Integrated blood collection scoop means accessories are no longer needed

The cumbersome process of transferring the drop of blood using

capillary tubes or funnels is now a thing of the past, thanks to the **MiniCollect®** System. The special feature here is the blood collection scoop integrated into the wide tube opening. In this way, the drop of blood can be transferred to the **MiniCollect®** primary tube quickly and easily, minimising adhesion. The sample comes into contact with the additive immediately.

The caps are completely sealed, meet the highest standards and can easily be sent via pneumatic dispatch or other transport systems without losing any sample material.

Carrier tubes and combined filling volumes simplify use

For centrifugation, the **MiniCollect®** tubes can be inserted into a premium carrier tube using a simple rotational movement. When combined, the dimensions correspond to a standard 13 x 75 mm tube format and can easily be placed in a standard rack or standard centrifuge.

Combined filling volumes for the EDTA and serum tubes, make the preparation of samples more straightforward. Two easily visible filling marks on the tube provide greater flexibility for use. It is no longer necessary to decide on a certain volume in advance, which reduces logistical efforts.

Avoid unnecessary agitation

When taking a blood sample is unavoidable, tears and anxiety do not affect just the little ones, but also their parents, and should be kept to a minimum.

However, the sight of a puncture needle often does cause fear in children. "One of the main advantages for our young patients is that the safety mechanism of the **MiniCollect®** safety lancets means that no needle is visible at any point before or after the puncture. This makes the situation more relax-



ing for all involved," explains Petra Langmayr, former paediatric nurse and product specialist at Greiner Bio-One. The puncture can either be carried out by pressing the Lancelino safety lancet down on the puncture site (contact-activated safety lancet) or by pressing down the release button (pressure-activated safety lancet). After the puncture, the needle retracts automatically and is safely enclosed within plastic casing. The risk of needlestick injuries is prevented.

Greiner Bio-One International GmbH

Greiner Bio-One specialises in the development, production and distribution of high-quality plastic laboratory products. The company is a technology partner for hospitals, laboratories, universities, research institutes, and the diagnostic, pharmaceutical and biotechnology industries. Greiner Bio-One is split into three divisions – Preanalytics, BioScience, and OEM. In 2015, Greiner Bio-One International GmbH generated a turnover of 427 million euros and had over 1,890 employees, 23 subsidiaries and numerous distribution partners in over 100 countries. Greiner Bio-One is part of Greiner Holding, which is based in Kremsmünster (Austria).

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