

Intended Use

VACUETTE® VISIO PLUS Blood Collection Needles are designed for use in the daily blood collection routine when delegated by a qualified practitioner. The flashback window is situated in the transparent part of the cannula hub, which assists the user to recognise successful vein penetration. They are for single-use only and should only be used by adequately trained healthcare personnel in accordance with these instructions.

Product Description

VACUETTE® VISIO PLUS Blood Collection Needles are manufactured from stainless steel and are fitted with a safety valve at one end. The perforated label not only serves to simplify identification, but also acts as a seal of integrity. **VACUETTE® VISIO PLUS** Blood collection needles are a sterile single-use product. This device has no components made of natural rubber latex.

Precautions and Storage Guidelines

Precautions

- The handling of **VACUETTE® VISIO PLUS** Blood Collection Needles must be in accordance to the policies and procedures of your facility.
- HBV, HCV, HIV and other infectious diseases can be transmitted through contact with biological samples. In the event of exposure to biological samples, ensure that appropriate medical attention is obtained.
- Discard all **VACUETTE® VISIO PLUS** Blood Collection Needles in biohazard containers approved for their disposal.
- Wear gloves during venipuncture and when handling blood collection tubes to minimise exposure hazard.
- Do not use **VACUETTE® VISIO PLUS** Blood Collection Needles after their expiry date.

Storage of **VACUETTE® VisioPlus** Blood Collection Needles prior use:

Recommended storage temperature: 4–36°C (40–97°F).

NOTE: Avoid exposure to direct sunlight. Exceeding the maximum recommended storage temperature may lead to impairment of the **VACUETTE® VISIO PLUS** Blood Collection Needle quality.

Handling Procedures

Read this entire circular before performing venipuncture.

Equipment required for specimen collection:

Be sure that the following materials are readily accessible before performing venipuncture:

- All necessary blood collection tubes, identified for size, draw and additive
- Labels for positive patient identification of samples
- Blood collection needles and holders

NOTE: **VACUETTE® VISIO PLUS** Blood Collection Needles are designed for optimal use with tube holders from Greiner Bio-One. The use of tube holders from other manufacturers is under the responsibility of the user.

- Practice general safety precautions, using gloves and appropriate apparel for protection from exposure to blood-borne pathogens
- Alcohol swab for cleansing site
- Tourniquet
- Adhesive plaster or bandage
- Sharps disposal container for safe disposal of used needle

Venipuncture Technique and Specimen Collection

General Instructions

WEAR GLOVES DURING VENIPUNCTURE AND WHEN HANDLING BLOOD COLLECTION TUBES TO MINIMIZE EXPOSURE HAZARD.

NOTE: The perforated label not only serves to simplify identification, but is also an indicator of sterility and intactness. In the case of the perforations being broken or damaged, dispose of the needle and select another intact one.

- Remove the cover over the valve section of the needle. (Fig.1)
- Thread the needle perpendicularly into the holder. (Fig.2). Ensure the needle is firmly seated so that it does not unthread during use.

NOTE: Angled threading of the needle into the holder can result in damage to the thread of the holder and needle and can cause the needle to loosen during venipuncture.

- Select the puncture site. Apply the tourniquet (max. 1 minute). Prepare the venipuncture site with appropriate antiseptic. **DO NOT PALPATE THE VENIPUNCTURE AREA AFTER CLEANSING!**

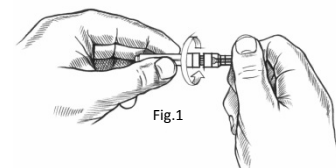


Fig.1

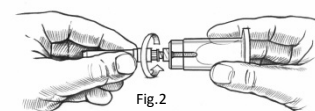
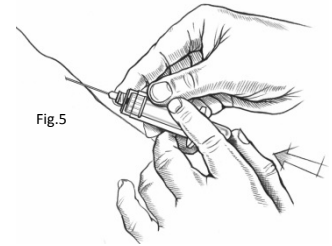
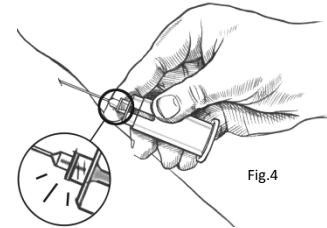
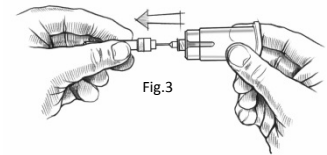


Fig.2

- Place the patient's arm in a downward position. Remove the needle shield. (Fig.3). Perform the venipuncture, with the patient's arm downward and the tube cap upper-most.
- Control the transparent part of the cannula hub. A flash of blood will confirm successful vein penetration (Fig.4).
- Push tube into the holder and onto the needle valve fully puncturing the rubber diaphragm. Center tubes in holder when penetrating the cap to prevent sidewall penetration and subsequent premature vacuum loss (Fig.5).
- REMOVE THE TOURNIQUET AS SOON AS BLOOD APPEARS IN THE TUBE. DO NOT ALLOW THE CONTENTS OF THE TUBE TO CONTACT THE CAP OR THE END OF THE NEEDLE DURING THE PROCEDURE. i.e. under no circumstances should the tube be turned upside down during the procedure. Always hold tube in place by pressing the tube with the thumb to ensure complete vacuum draw.
- Place succeeding tubes in the holder. Ensure that the contents of the tube do not come into contact with the cap or the needle tip during blood collection.
- As soon as blood stops flowing into the last tube, carefully remove the needle from the vein, applying pressure to the puncture site with a dry sterile swab until bleeding stops.
- Once clotting has occurred, apply an adhesive plaster or bandage if desired.











NOTE: After venipuncture the top of the cap may contain residual blood. Take proper precautions when handling tubes to avoid contact with this blood. Any needle holder that becomes contaminated with blood is considered hazardous and should be disposed of immediately.

Disposal

Dispose of the used needle with holder in an appropriate disposal device. **DO NOT RECAP!** Recapping of needles increases the risk of needle stick injury.

Label Information

	Manufacturer		Temperature limit
	Use-by date		Do not re-use
	Batch code		Consult instructions for use
	Catalogue number		Sterilized using ethylene oxide

Literature:

CLSI H01-A6 "Tubes and Additives for Venous and Capillary blood Specimen Collection; Approved Standard-Sixth Edition"
 CLSI GP41-A6 "Procedures for the Collection of Diagnostic Blood Specimens by Venipuncture; Approved Standard-Sixth Edition"
 CLSI H02-A4 "Reference and Selected Procedure for the Erythrocyte Sedimentation Rate (ESR) Test; Approved Standard-Fourth Edition"
 CLSI H21-A5 "Collection, Transport, and Processing of Blood Specimens for Testing Plasma-Based Coagulation Assays and Molecular Hemostatis Assays; Approved Guideline-Fifth Edition"

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