

Instructions For Use

Button Tourniquet



Indications for Use

Emerald Button Tourniquets are non-sterile, single-use medical devices intended for use by appropriately qualified healthcare professionals only. Safe use of tourniquets is affected by multiple factors related to the type of tourniquet, the application technique, and the duration of application.

Use of button tourniquet is indicated:

- For restricting extremity vascular circulation for a limited time, particularly during adult phlebotomy or venous cannulation procedures
- For use with adult patients only

Contraindications

Tourniquet use should be avoided (or applied with caution) in patients with conditions where vascular compromise or nerve damage risk is high including:

- Peripheral vascular disease
- Severe limb infections
- Sickle cell disease
- Diabetic patients with neuropathy
- History of deep vein thrombosis (DVT) or pulmonary embolism

Contraindicated for: Paediatric use, Non-professional, domestic, or recreational use.

Instructions for Use

Ensure all necessary equipment is readily available before commencing the procedure.

Perform appropriate hand hygiene and dry hands.

Identify the patient and prepare the procedure site as required.

Position the tourniquet around the patient's arm/limb, approximately 5–10 cm above the intended puncture site.

Gently tension the tourniquet by holding the end with the button in one hand, and with the other hand stretch the perforated band until the appropriate tension has been achieved. Then carefully secure using the most appropriate hole over the fastening button to maintain the tension.

Upon completion of the procedure, the tourniquet may be safely and rapidly removed using one hand. Insert a gloved forefinger beneath the tourniquet band where it is held by the single button fastening and gently lift upwards.

To release, lift the loose end and pull gently off the button to relieve pressure. Always remove tourniquet promptly once venipuncture is complete.

Dispose of all single-use products strictly in accordance with local clinical waste management policies and procedures.

WARNINGS

To avoid risk of vascular compromise or irreversible nerve/soft tissue damage, never over-tighten a single-use tourniquet, and never leave it in place for longer than the minimum time required to complete the procedure.

When applying a single-use tourniquet on patients with fragile skin, take special care to prevent the skin from tearing. It is recommended to place a piece of single-use gauze or paper towel between the tourniquet and the skin.

Do not apply tension to the single-use tourniquet until all surfaces of the band lie flat against the skin.

When using during phlebotomy procedures, remove the single-use tourniquet promptly - ideally after 60 seconds, and no longer than 120 seconds to avoid the risk of haemoconcentration.

When using during phlebotomy procedures, the single-use tourniquet should be removed before withdrawing the needle after sufficient blood sample has been collected.

Storage and Handling

Store in a clean, dry environment away from direct sunlight and heat.

Dispose of all single-use products strictly in accordance with local clinical waste management policies and procedures. These products are not recyclable.