

# daisygrip the reusable tourniquet

intuitive, self-finding magnetic buckle

> buckle and band able to be completely disinfected

tilstel

innovative, wipeable silicone band for patient comfort and safety

+

### award winning



# why daisygrip?



daisygrip is a reusable tourniquet, intended to slow the flow of blood for the purpose of intravenous access. As a **Red Dot Design Award Winner**<sup>\*</sup>, the daisygrip has taken an essential medical device, and redeveloped it in line with the real-world need for infection control, sustainability and economy.

#### daisygrip unique features:

- → Construction materials mean the entire device can be wiped for effective disinfection immediately after use.
- → Band made of skin-friendly materials, which also prevent pinching.
- → In vitro studies and publications demonstrate that the device both picks up less contamination during use and is able to be more effectively disinfected than conventional tourniquets.<sup>4</sup>
- → Intuitive, self-finding closure can be operated with a single hand.

#### daisygrip - a better tourniquet

An Australian study<sup>5</sup> found that - compared to a fabric tourniquet - the daisygrip was considered more environmentally sustainable, able to be cleaned more effectively and easier to clean between patients.

It was the preferred choice by users. The facility also estimated significant annual cost savings, as well as a reduction in landfill and carbon output compared to disposables used in some areas.



#### daisygrip provides:

- → A better experience for patient and user
- → Higher standard of infection control
- → Costs savings compared to conventional methods
- → Increased sustainability practices

## current evidence has highlighted that:

- → More than **70%** of tourniquets exhibit contamination.<sup>1</sup>
- Construction materials for both conventional reusable and single-use tourniquets have been shown to pick up and transfer microorganisms.<sup>2</sup>
- → A hospital in New Zealand found various levels of contamination on conventional tourniquets, with the highest levels on those located on phlebotomy trolleys after the ward rounds. Crucially, the facility disinfects all tourniquets overnight.<sup>3</sup>

#### references:

**Distributed by:** 

**Tristel** 

\*Red Dot Design Award: daisygrip (red-dot.org)

- <sup>1</sup>"Health professionals' practices related with tourniquet use during peripheral venipuncture: a scoping review" (de Sousa Salgueiro-Oliviera et al. Rev. Latino-AM. Enfermagem) https://www.ncbi.nim.nih.gov/pmc/articles/ PMC6528630.pdf/104-1169-riae-27-e3125.pdf
- <sup>2</sup> "Methicillin resistant Staphylococcus aureus contamination of phlebotomy tourniquets and faucets" (Abeywickrama et al. Ceylon Medical Journal) https://cmj.sljol.info/articles/10.4038/cmj.v631.8627
  <sup>3</sup> "Quantifying patient bacterial exposure risk from reusable phlebotomy tourniquets in a NZ secondary level
- hospital" (Schauer and Hammer. Journal of Inf. Prevention) https://www.ncbi.nlm.nih.gov/pmc/articles/ PMC5074164/pdf/10.1177\_1757177415600242.pdf

Hong Kong:

Tristel Asia Limited, 21st Floor, 168 Electric

T +852 2895 6968 - F +852 2869 4388

Road, Fortress Hill, Hong Kong

www.tristel.com/hk-en

E customerservicehk@tristel.com

Singapore:

Tristel Pte Ltd, 2 Venture Drive,

T +65 6518 9918 - E mail-sa@tristel.com

Vision Exchange #14-04,

W www.tristel.com/sg-en

Singapore 608526

<sup>4</sup> "Reduced bacterial contamination rates detected on silicone tourniquets compared to conventional tourniquets" (Grohamn et al. BMC Infectious Diseases) Reduced bacterial contamination rates detected on silicone tourniquets compared to conventional tourniquets in clinical routine | BMC Infectious Diseases | Full Text (biomedeentral.com)

<sup>s</sup> https://acipcconference.com.au/comparison-of-single-patient-use-and-multi-patient-use-fabric-tourniquetswith-a-silicone-reusable-tourniquet-daisygrip-in-on-australian-tertiary-hospital/

Malaysia:

instructions. Professional

Refer to the

User Guide

for full product

use only.

i

Tristel Malaysia Sdn. Bhd., Registration

No. 202001003956 (1360276-D),