Safety through simplicity

LuerJack® - A one-handed multi-benefit hypodermic syringe

LuerJack® - A safe Aseptic Non-Touch Technique with significant reduction of cross contamination

Supports safe aseptic technique as evaluated by ANTT® (Aseptic Non Touch Technique)
Clinical evidence summary

Comparative study (in vitro): LuerJack® + conventional needle vs. reference syringe + safety needle

LuerJack® supports an Aseptic Non-Touch Technique.

46% reduction in contamination rate when using LuerJack® compared to conventional syringe and safety needle.

May significantly reduce bloodstream infections.

Prevalence of HAI (European Centre for Disease Prevention and Control, PPS 2011-2012)

Each year, healthcare-associated infections (HAIs) affect millions of people and add billions of dollars to healthcare costs. The most aggressive, lethal and cost demanding are the bloodstream infections (BSI).

Research suggests that most HAIs are preventable.

Healthcare professionals (HCPs) hand hygiene is one key element, but technology and innovations can also play a key role in the prevention of HAIs.
**Clinical evidence summary**

**LuerJack® - Personal protection - Safety for healthcare professional**

### Risk of needlestick injury

- **Conventional system**: 50% risk reduction
- **LuerJack®**: 50% risk reduction

### HCP perception of safety

- 38% of HCPs find LuerJack® to be safer than the reference system.
- 62% find it equally safe.

### Preventing needlestick and sharp injuries - (EpiNet data 2009-2013) ref. 30

- **68.5%** of NSIs occur when using safety devices.
- **53%** of NSIs occur while using disposable syringes.

*(62.1% of safety features were not activated)*

- 0 needlestick with LuerJack® in the study.
- 2 needlesticks when using a conventional syringe with a safety needle while activating the safety feature.

### ISO and FDA guidelines

The evaluation is in compliance with ISO 23908:2013 and the FDA guideline "Medical Devices with sharps injury prevention features".
LuerJack® is compatible with female luer connections. LuerJack® is optimal when mixing, preparing and administering medication for injection.

Independent evaluation of LuerJack® supporting safe and Aseptic Non-Touch Technique:
- Oslo University Hospital, Norway - 2015
- The ASAP (the Association for Safe Aseptic Practice), UK - 2015

References