



We'll keep you **inSafe** hands  
to avoid needlestick injuries



## Create a Safer Working Environment for you and your team

Syringes are commonly used in dental procedures to administer local anaesthesia. However, use of a syringe is not without risk of needlestick injury.

Needlestick injuries can carry the risk of transmission of bloodborne viruses including Hepatitis B and C and HIV<sup>1</sup>

Risk of needlestick injury can be reduced by the use of Safer Sharps. This has been recognized in the EU<sup>2</sup> and the UK<sup>3</sup>. Introducing safer sharps (medical sharps that incorporate features or mechanisms to prevent or minimize the risk of accidental injury) creates a safer working

environment by reducing the risk of injuries to workers caused by medical sharps including needlesticks.

The inSafe safer sharp system provides complete protection from the beginning of the medical procedure, through to the disposal of the needle. The specially designed syringe protects the needle at ALL times and its partnering sharps container removes the contaminated needle in complete safety.

<sup>1</sup> Eye of the Needle: United Kingdom Surveillance of Significant Occupational Exposures to Bloodborne Viruses in Healthcare Workers. Dec 2014 : Public Health England

<sup>2</sup> Directive 2010/32/EU - prevention from sharp injuries in the hospital and healthcare sector

<sup>3</sup> Health and Safety (Sharps Instruments in Healthcare) Regulations 2013

## How does inSafe measure up?

There are a number of factors to consider when choosing a safer sharp:

### Factors for Consideration

### inSafe Safer Sharp System

The device must not compromise patient care



Facilitates controlled administration comparable to standard syringe

The device must perform reliably



We make functionality and precision a top design objective. Engineered and manufactured to an exacting standard allows inSafe to perform reliably.

The safety mechanism must be an integral part of the safety device, not a separate accessory



inSafe protective sleeve is integral

The device must be easy to use and require little change of technique on the part of the health professional



The method of loading and administration is the same as traditional syringes. The additional features can be quickly and easily learned\*

The activation of the safety mechanism must be convenient and allow the care-giver to maintain appropriate control over the procedure



Easy to operate twist and lock mechanism does not compromise aspiration or administration of anaesthetic

The device must not create other safety hazards or sources of blood exposure



Needle is protected at all times from initial set up to disposal

A single-handed or automatic activation is preferable



Single-handed disposal of the contaminated needle - safety sleeve requires two hands to manoeuvre, both hands are behind the needle at all times

The activation of the safety mechanism must manifest itself by means of an audible, tactile or visual sign to the health professional



Audible and tactile click when safety sleeve in place correctly and arrows line up

The safety mechanisms should not be easily reversible once activated



Requires positive action to reverse sleeve which allows second injection to be given to the patient if necessary

\*See [www.insafedental.eu](http://www.insafedental.eu) for full instructions and demonstration video

# Benefits of the inSafe system

Fits 150 needles

Economical system with low cost per use

One handed disposal of contaminated needle

Base can be secured to worktop. Cabinet and wall mounted brackets are also available

Minimal disposable components

Autoclavable syringe made from metal and plastic - feels and weighs like a conventional syringe

Needle protected by a lockable sleeve

Works with all needle types

Easy to see aspiration

Choice of aspiration types

Anaesthetic cartridge changeable during procedure

inSafe Dental Cartridge Syringe

Needle Adaptors for Imperial Threaded Needles

Needle Adaptors for Metric Threaded Needles

# A syringe to suit the way you work

With two handle types, two cartridge types and sizes, and with a choice of five aspiration options, inSafe can be used with all types of needle, cartridge and aspiration technique.

Handle Type

Thumb Ring Handle

T-Type Handle

Cartridge Type

2.2ml Cartridge

1.8ml Cartridge

Aspiration Type

O-Ring

Harpoon

3-Point Harpoon

Self Aspirating

Standard

Plunger assembly can be removed for cleaning and can be changed to accommodate different cartridge size or aspiration technique.

# How to use the inSafe System

Legislation and good practice technique dictate that appropriate safety systems are used in dental practices.

inSafe is the Best Practice option offering total protection from needlestick injury with a full choice of needles and aspiration techniques.

For a full demonstration of inSafe, take a look at the demonstration video at [www.insafedental.eu](http://www.insafedental.eu)



Locate and push on needle adaptor. Blue needle adaptor for metric threaded needles, yellow needle adaptor for imperial threaded needles.



Screw on needle in same way as a standard syringe.



Load cartridge and syringe ready for administration of anaesthetic.



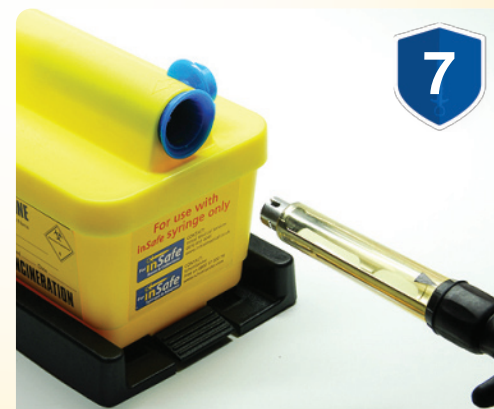
Needle covered by lockable sleeve before use, between injections and after final use.



To remove needle safely, insert syringe with locked sleeve into sharps container.



Twist and fully insert syringe into container.



Withdraw syringe to remove and dispose of the contaminated needle without resheathing. Best practice one-handed removal technique.

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