

# The hypodermic system with the built-in automatic safety mechanism



**WTF Secura**



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## Optimal user and patient safety

The WTF Secura safety hypodermic system automatically (passively) retracts the needle after use by means of a spring-loaded retraction mechanism which withdraws the needle entirely into the barrel of the hypodermic syringe. The needle and all blood residue disappear into the barrel of the hypodermic syringe and the whole system can then be safely disposed of.

### Automatically activated safety mechanism

Once the medication has been applied entirely and the needle has been withdrawn from the body tissue, the release of the plunger will automatically activate the safety mechanism.

### Complete user control

The user decides when the plunger is to be released, thereby retaining control over when the safety mechanism should be activated.

### No change required in application technique

The passive (automatic) safety mechanism means that no additional or unusual activation measures by the user are required.

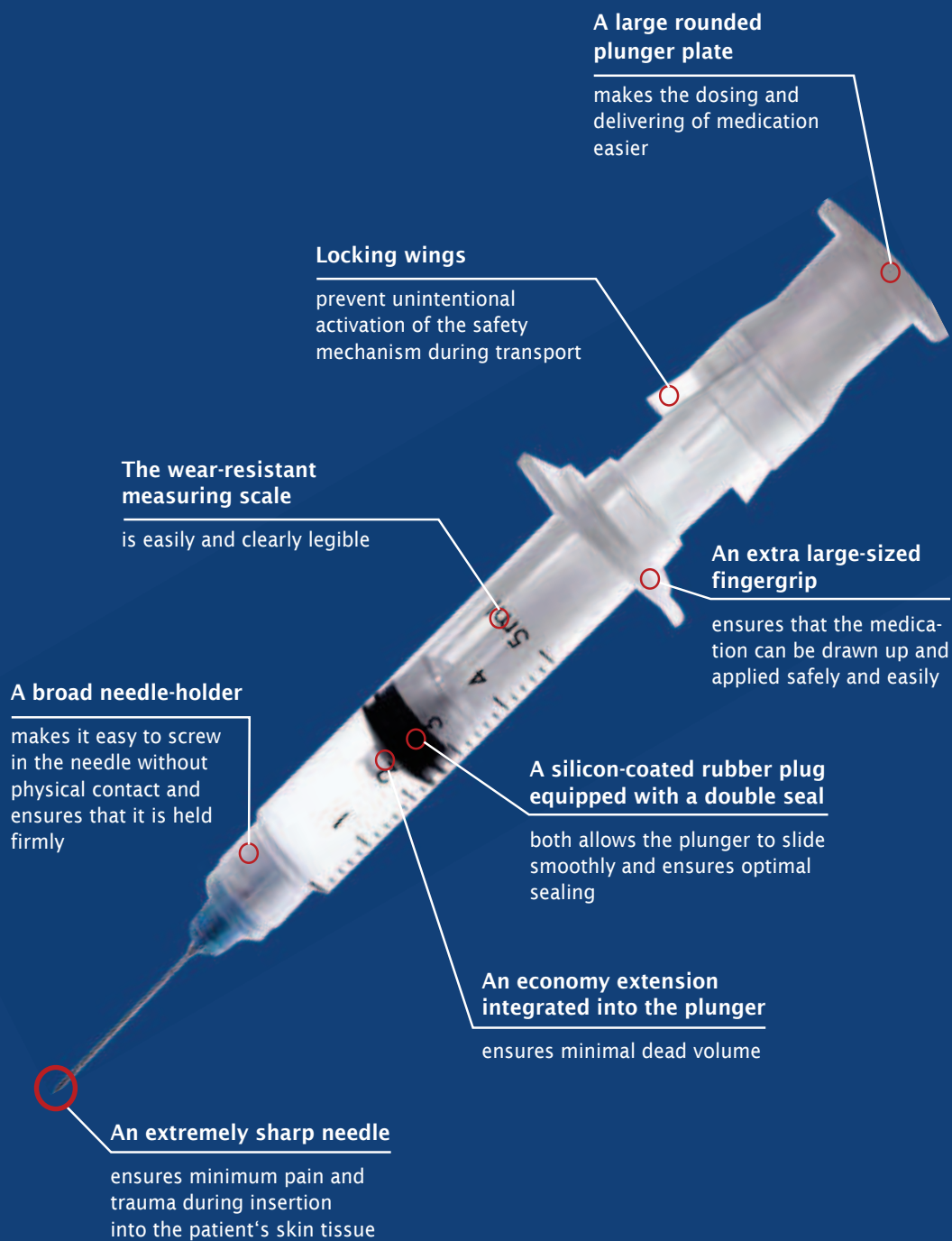
Unsafe manipulation of the needle, such as on conventional needles with a pop-up protective shield, becomes superfluous.

### Puncture site not harmed

In the case of conventional needles with additional protective features, e.g. pop-up protective shields, both the field of vision and handling the site of the puncture may be impaired. The safety mechanism on the WTF Secura is practically invisible and thus does not disrupt the usual injection procedure.



# WTF Secura – the new hypodermic that's got what it takes!



# Reduce your liability risk



Nearly all member states of the EU have established specific legislations to protect health care workers from injuries caused by needles and other medical sharps in view of the risk of infection from serious blood-borne infections, such as Hepatitis B and C and HIV. Persons or institutions who are not in line with these regulations must expect consequences in terms of criminal-, labor- and liability law.

These legislations are expected to contain the following measures in particular:

- The mandatory use of instruments – such as syringes and needles – with safety devices
- The use of safe and effective systems to minimise the use of needles
- A complete end to the recapping of needles

The WTF Secura meets and exceeds all criteria to be considered as a safety device within the meaning of these current legislations.

This has been confirmed extensively in an expert study by Germany's Bergisch University at Wuppertal.

## A comparison of the WTF Secura with conventional protection systems

(Needles with fold-out protective shields)

	WTF Secura	Conventionals
cannot be re-used after the protective mechanism has been activated	yes	yes
passive (automatic) activation	yes	no
can be used intuitively	yes	no <sup>1</sup>
no need to learn new injection techniques	yes	no <sup>1</sup>
no "pop-off" syndrome (needle doesn't accidentally release/fly off)	yes	no <sup>2</sup>
protects against blood residue	yes	no <sup>3</sup>
provides unhindered view of puncture point	yes	no <sup>4</sup>
normal handling at the puncture point	yes	no <sup>5</sup>
guaranteed 100% protection through single-handed activation	yes	no <sup>6</sup>
protective system activated immediately after use	yes	no <sup>7</sup>

Explanations:

1 The active activation of the protective system must be learnt.

2 Due to inevitable manipulation with conventional protective shield needles, needles which are not fixed securely may become detached, thus becoming a dangerous projectile.

3 The protective shields do not fully enclose the needle.

4 This may be impaired due to the protective shield being folded to one side.

5 Attention must be paid to the alignment of the protective shield.

6 Unfortunately the protective shield can be – and very often is - folded down dangerously with the other hand.

7 The safety mechanism is not activated till the protective shield has been folded down by hand.

# The automatic safety mechanism on the WTF Secura

1

The medication is applied in the usual manner



2

The medication is fully applied - the plunger has now been pushed as far as it will go



3

After the needle has been withdrawn from the tissue, the thumb is removed from the plunger. This will automatically activate the safety mechanism and the needle will be retracted in the barrel.





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## Ordering information:

Product	Specifications	REF
<b>WTF safety hypodermic</b>	2.5 ml	110251
	3 ml	110301
	5 ml	110501
	10 ml	111001
<b>WTF safety needle</b>	25 G 1"	212551
	23 G 1"	212351
	22 G 1"	212251
	21 G 1 1/8"	212161
<b>WTF filling needle</b>	18 G 1"	311812
<b>WTF luer adapter</b>	6:100	321111

Further specifications available on request.

Supplied by:



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