Make it convenient for patients with Unifine® Pentips® Plus

Premium quality pen needle designed for comfortable injections

Built-in removal system for convenience *
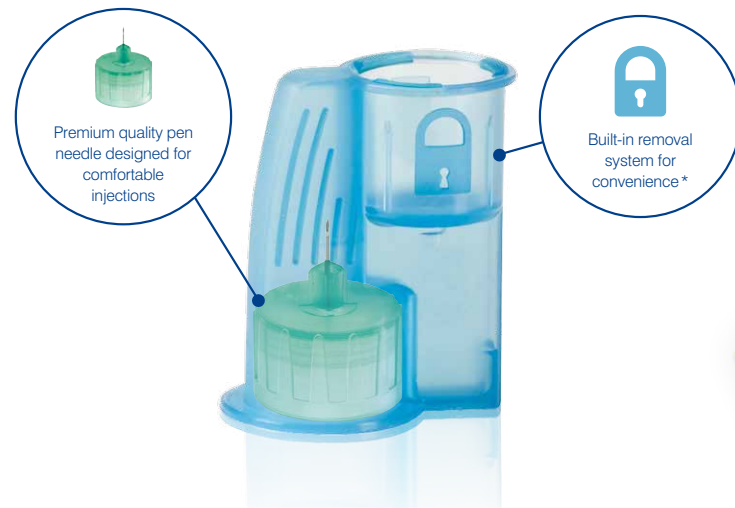
A unique pen needle with a built-in removal system designed for a better injection routine

Available in 4mm, 5mm, 6mm, 8mm and 12mm

We offer a range of educational information for your patients

Unifine® Pentips® *Plus*

For more information please visit us at **owenmumford.com**

Our accreditations include:

- ISO13485 Certification
- Medical Device Directive 93/42/EEC
- CMDCAS 13485 (Canadian Health Authority)
- Environmental Management Systems ISO14001
- The Queen's Awards for Enterprise: Innovation 2017
- RedDot Award 2015 Winner

reddot award 2015 winner

*For latest compatibility information please visit owenmumford.com/compatibility.

1. De Conninck et al. Results and analysis of the 2008-2009 insulin injection technique questionnaire survey. Journal of Diabetes 2 (2010) 168-179.   **2.** I.V. Miniskova et al. The risk of repeated use of insulin pen needles in patients with diabetes mellitus. Journal of Diabetology, February 2011; 1:1.   **3.** King L (2003) Subcutaneous insulin injection technique. Nursing Standard. 17, 34, 45-52.   **4.** Teresa Torrance. Effect of insulin needle reuse, size and site of injection on the risk of bending and breaking. Journal of Diabetes Nursing Vol 12 No 1 2008.   * The used pen needle is secured in the interim container and must be placed in a sharps bin at the earliest opportunity.

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Should we be concerned about pen needle reuse?

Let's understand the issue and see what solutions there are.

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57%
of injection pen users do not change their needle after each use [1]

What can happen when a pen needle is reused?

The effectiveness of injection therapy in diabetes is helped by good injection routine. Reusing a pen needle can lead to multiple complications [1,2]
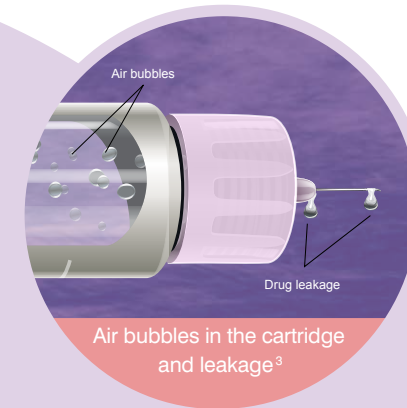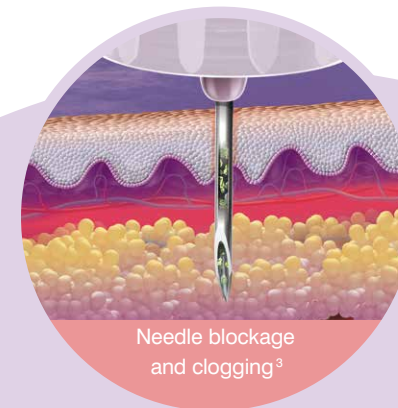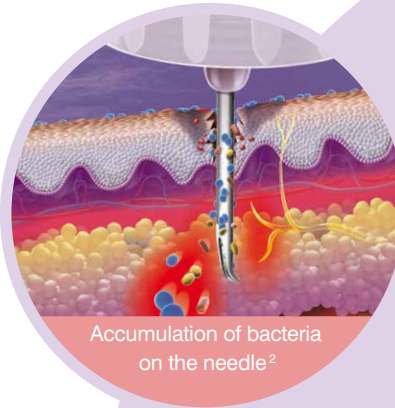
Key:

Epidermis layer

Dermis layer

Subcutaneous layer

Accumulation of bacteria on the needle [2]

Needle blockage and clogging [3]

Air bubbles

Drug leakage

Air bubbles in the cartridge and leakage [3]

What does this mean for your patients?

Dose inaccuracy
Caused by air bubbles, leakage and needle blockage [2,3]

Skin damage and painful injection
Caused by reduced needle integrity [2,3]

Painful injection
Due to the tip of the needle being broken or bent, causing a laceration of the skin [2,3]

Pen needle reuse can lead to poor glycaemic control, infection and lipohypertrophy [2]

Lipohypertrophy

Needle bending [4]

Breakage of the needle tip [4]

Whole needle breakage [4]