

**A comprehensive solution  
for every patient:**

- Quality pen needles
- Comfortable and convenient injection experience
- Support for peer-to-peer training and patient education

Comfort and Convenience  
Everytime

**Unifine®**

For more information please visit us at [owenmumford.com](http://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](http://owenmumford.com/compatibility).

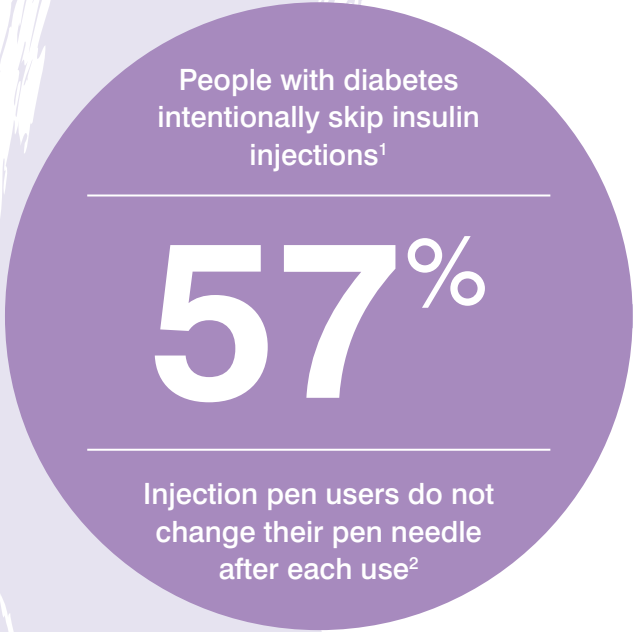
1. Peyrot, M. Diabetes Care, February 2010; vol 33: pp 240-245. 2. I.V. Misnikova et al. Journal of Diabetology: The Risks of Repeated Use of Insulin Pen Needles in Patients with Diabetes Mellitus. February 2011; 1:1. 3. De Conninck et al. Journal of Diabetes 2 (2010) 168-179. Results and analysis of the 2008-2009 insulin injection technique questionnaire survey. 4. King L (2003) Subcutaneous insulin injection technique. Nursing Standard. 17, 34, 45-52. 5. 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. 6. FIT Forum for Injection Technique (2014) web reference. 7. HRW 2014. Impact of Unifine® Pentips® Plus on pen needle changing behaviour amongst people with diabetes medicating with injectable formats.

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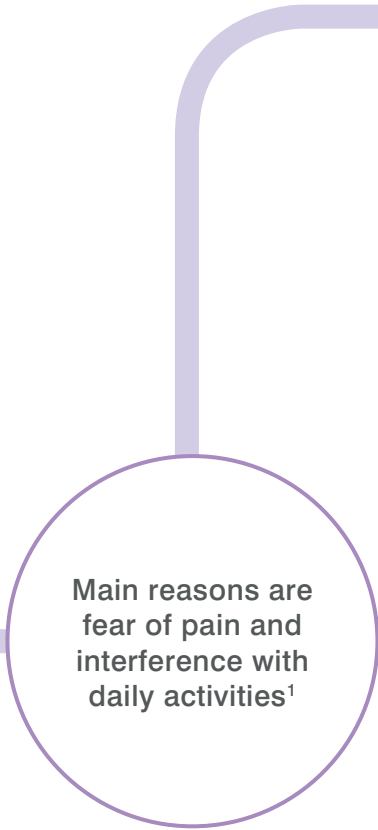
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**Unifine®**

Patient adherence to good injection routine is a major challenge in diabetes management



The effectiveness of injection therapy in diabetes is helped by good injection routine<sup>2,3</sup>

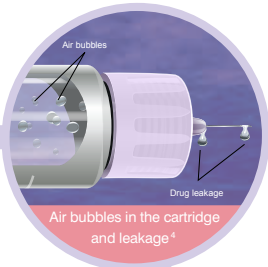


- Key:
- Epidermis layer
  - Dermis layer
  - Subcutaneous layer

What does a patient risk when skipping insulin injections?

- Persistent high blood sugar level<sup>1</sup>
- Retinopathy<sup>1</sup>
- Kidney failure<sup>1</sup>
- Other diabetes related complications<sup>1</sup>

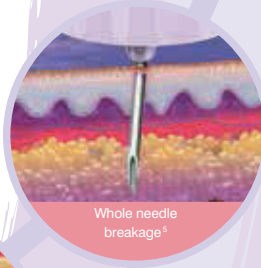
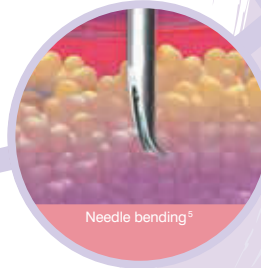
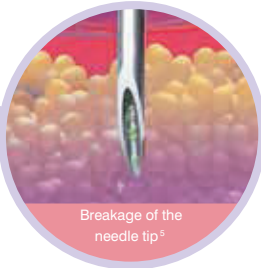
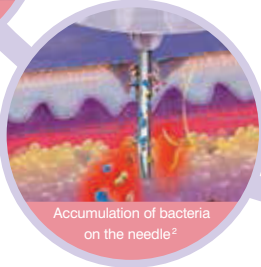
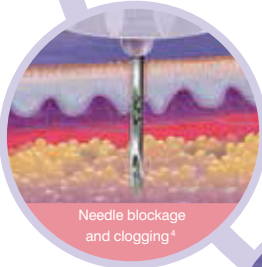
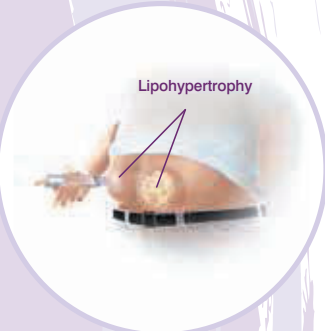
What can happen when a pen needle is reused?



- Dose inaccuracy**  
Caused by air bubbles, leakage and needle blockage<sup>2,4</sup>

- Skin damage and painful injection**  
Caused by reduced needle integrity<sup>2,4</sup>

- Painful injection**  
Due to the tip of the needle being broken or bent, causing a laceration of the skin<sup>2,4</sup>



Pen needle reuse can lead to poor glycaemic control, infection and lipohypertrophy<sup>2</sup>

Our comprehensive solution for comfortable  
and convenient injection routine

## Unifine® Pentips®

Unifine® Pentips® is a quality pen needle that has been designed to deliver a comfortable injection experience.

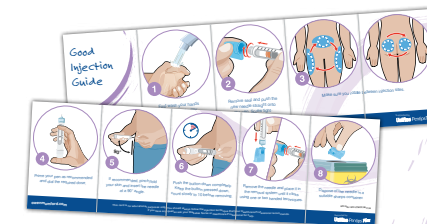
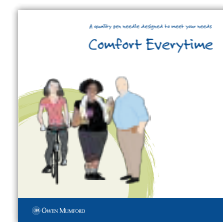
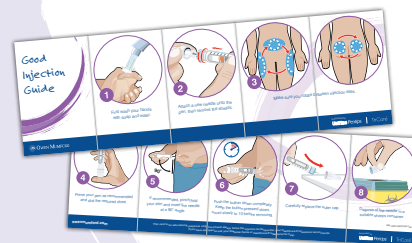


## Unifine® Pentips® *Plus*

Unifine® Pentips® Plus is a pen needle with a built-in removal system that has been designed for better injection routine.



Providing you with Peer to Peer Training and patient Education materials



## Delivering a comfortable injection experience with Unifine<sup>®</sup> Pentips<sup>®</sup>

Clean and precise skin penetration

### Multi-bevel needle

Has very sharp, angled edges that allow the needle to pierce the skin quickly and efficiently – **just as a sharp knife cuts a tomato without the need to apply pressure**



Prevent needle blockage

### Anti-coring

Prevents rubber particles from being injected into the cartridge when screwing the needle onto the pen – **just like ensuring a drain pipe doesn't get blocked with leaves**



Minimal needle friction

### Silicone

Smooths the path of the needle as it goes into the skin – **just as using soap during hand washing smooths the process by minimising friction**



Effortless flow of medication

Normal-walled      Thin-walled

### Thin wall technology

Allows effortless flow of medication to be delivered easily and freely with the same diameter needle – **just as a large shower head enables a volume of water to pass more freely**





## Empower your patients to improve their injection routine with Unifine® Pentips® Plus

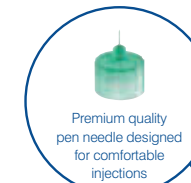


Single use of a pen needle is part of the global recommendation for good injection routine<sup>6</sup>

People with active lifestyles, dexterity or visual impairments can find this difficult

### Make it convenient for patients with Unifine® Pentips® Plus

A unique pen needle with a built-in removal system, proven to increase the rate of pen needle change<sup>7</sup>



Premium quality pen needle designed for comfortable injections



Built-in removal system for convenience\*

### Proven improvements in the rate of pen needle change and designed for a comfortable injection experience<sup>5</sup>

A study observing the impact of Unifine® Pentips® Plus among patients injecting insulin revealed that patients changed their pen needle more often, with 86% finding it easier or as easy to use when compared to their previous pen needle<sup>7</sup>

+61%

increase in rate of pen needle change<sup>7</sup>



\* The used pen needle is secured in the interim container and must be placed in a sharps bin at the earliest opportunity. Pen needle image not to scale.

# Product Range

## Unifine® Pentips® sizes and gauges

NEW



**4mm**

0.20mm (33G) x 4mm  
Box of 100: 001445



**4mm**

0.23mm (32G) x 4mm  
Box of 100: 001489



**5mm**

0.25mm (31G) x 5mm  
Box of 100: 001495



**6mm**

0.25mm (31G) x 6mm  
Box of 100: 001501



**8mm**

0.25mm (31G) x 8mm  
Box of 100: 001507



**12mm**

0.33mm (29G) x 12mm  
Box of 100: 001513

## Unifine® Pentips® Plus sizes and gauges

NEW\*



**4mm**

0.20mm (33G) x 4mm  
Box of 100: 001451



**4mm**

0.23mm (32G) x 4mm  
Box of 100: 001492



**5mm**

0.25mm (31G) x 5mm  
Box of 100: 001498



**6mm**

0.25mm (31G) x 6mm  
Box of 100: 001504



**8mm**

0.25mm (31G) x 8mm  
Box of 100: 001510



**12mm**

0.33mm (29G) x 12mm  
Box of 100: 001516

\* Check for availability with your local market.

# Compatibility Chart\*\*

OWEN MUMFORD

Including:



Autopen® Classic



Autopen® 24

AstraZeneca

Including:



Byetta®

Lilly

Including:



Forteo®



KwikPen™



HumaPen® Luxura™ HD



HumaPen® Savvio™ (All Colours)

novo nordisk

Including:



NovoPen® FlexPen®



NovoPen® FlexTouch®



NovoPen® 4



NovoPen® 5



NovoPen Echo®



Victoza®

SANOFI

Including:



Apidra® Solostar®



CliqSTAR®



Lantus® Solostar®



Toujeo® SoloStar®



AllStar™



Lyxumia®

\*\* Compatibility data correct as of November 2017.

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