



# Why it's important to use a NEW NEEDLE every time you inject

Pen needles are designed for single-use only and can result in needle bending<sup>1</sup>, needle clogging<sup>2,3</sup> and lipohypertrophy<sup>4</sup>

## What is Lipohypertrophy (Lipo)?

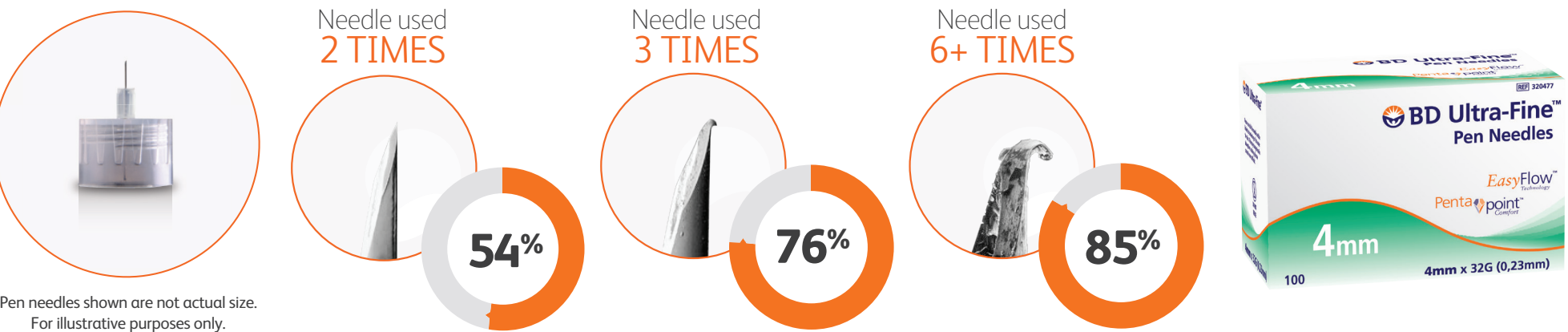
A build-up of fatty lumps that occur when you repeatedly inject your diabetes medication into the same injection site.<sup>5-7</sup>

These fatty lumps don't absorb your medication in the same way as healthy tissue.<sup>6</sup>

Lipo can lead to increased blood sugar variability and complications.<sup>6</sup>

Of patients who re-used needles,  
**70%**  
had lipo<sup>6,#</sup>

## Risk of Developing Lipo with Needle Re-Use<sup>1,6,#</sup>



**Avoid needle re-use**  
BD pen needles fit all brands of insulin pens.\*

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Consumers should seek advice from their healthcare professional regarding treatment options.

# Based on a study conducted in Spain.  
\*As of March 2016.

**References:** 1. Look D, Strauss K. *Diabetes J*. 1998; 10:31-34. 2. Ginsberg B, et al. *Hormone & Metab Res*. 1994; 16:584-587. 3. Le Floch JP, et al. *Diabetes Care*. 1998; 21(9): 1502. 4. Vardar B, Kizilci S. *Diabetes Res Clin Pr*. 2007; 77:231-236. 5. Misnikova IV, Dreval AV, Gubkina VA et al. *J Diabetology*. 2011; 1(1): 1-5. 6. Blanco M, Hernandez M, Strauss K, Amaya M et al. *Diabetes Metab*. 2013; 39(5): 445-53. 7. Heinemann L. *J Diabetes Sci Technol*. 2010; 4(3): 750-753.

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