Adelman et al. *Advances in Therapy* 2019

Collaborative design of a new delivery system: understanding different perspectives to optimise patient care

Research was completed to develop a new syringe that made injection of lanreotide autogel/depot easier than with the syringe available at the time.

Formative Studies

Step 1: Consultation

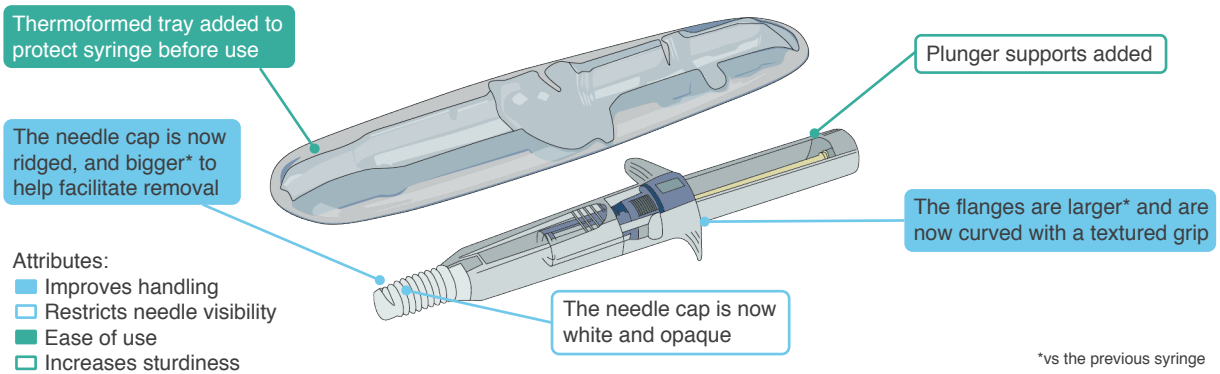
Patients, caregivers and healthcare professionals were asked what improvements they would like to see made to the syringe.

Feedback was collected on:
- the existing syringe
- different prototypes that were modified progressively

4 formative studies were completed

Step 2: Collaborative re-design

Based on the feedback received, improvements were made to the syringe design:



*vs the previous syringe

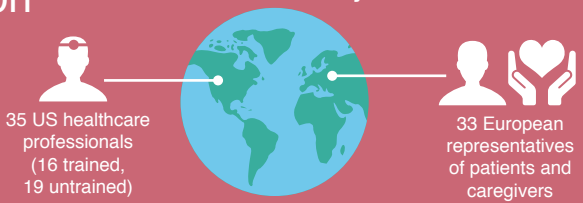
Validation study

Step 3: Assessment and validation

All participants succeeded in delivering an injection properly and safely in the intended environment for the intended use.

Validated

Validation study



Conclusion

- The updated syringe met the aim of improving the lanreotide autogel/depot injection experience versus the currently available syringe
  - It is anticipated that these improvements will enhance patient care[1-3]
- Patient experience with the new syringe will be further assessed

This study was sponsored by Ipsen.

References: 1. Schiff M et al. Rheumatol Ther 2017;4:445–63; 2. Weinhold T et al. AAPS Open 2018;4:7; 3. McLenon J and Rogers MAM. J Adv Nurs 2019;75:30–42.