



 **Zero Residual™**

Enhancing Precision, Safety, and Efficiency

# Purpose

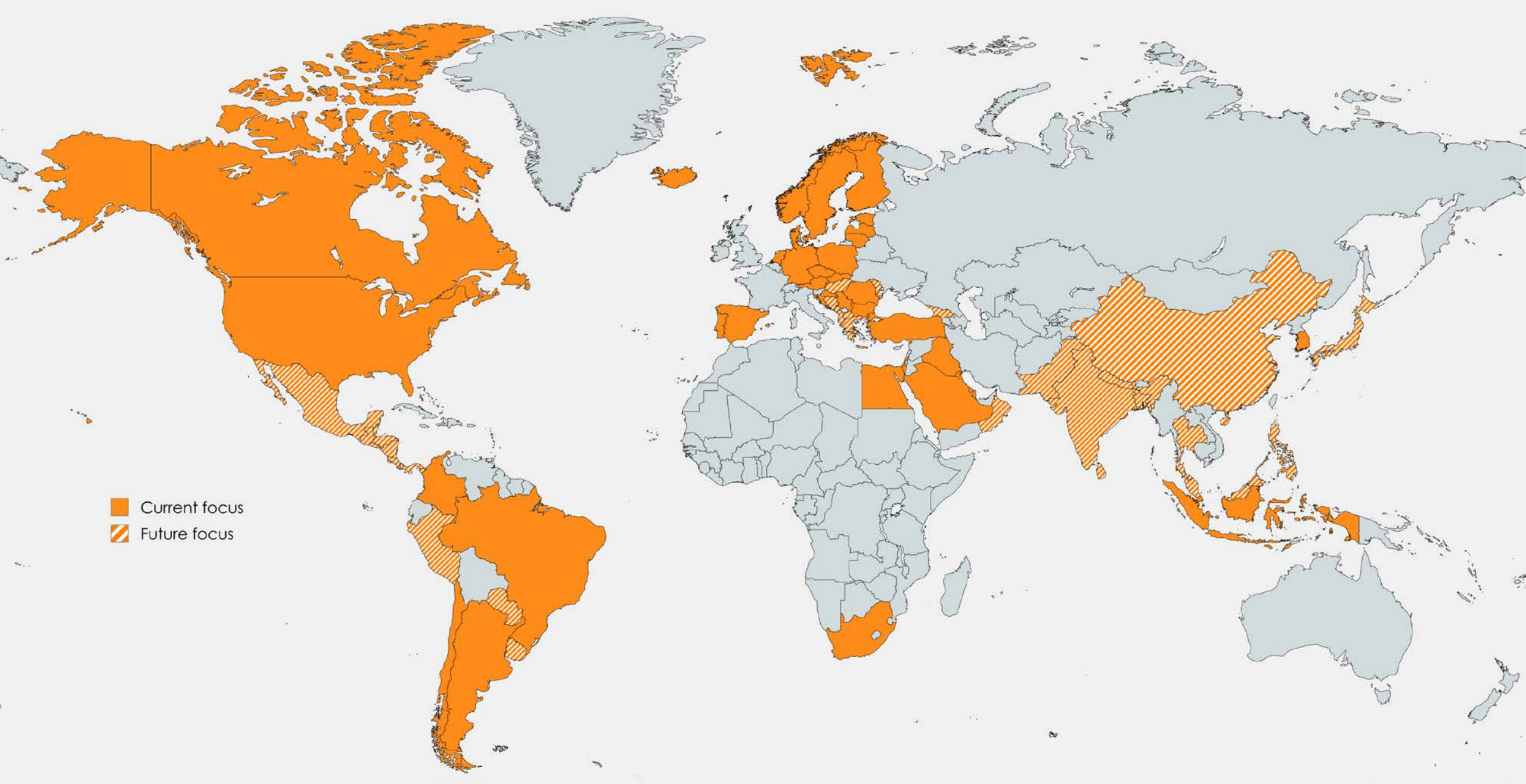
## Our Mission:

We challenge.  
We innovate.  
We solve

## Our Promise:

Safe and high-quality patient experience

Optimizing the compounding preparation and the administration at point of care Eliminate spillage of medicine



# Zero Residual™



Improved patient safety

---

Improved practicality and  
comfort

---

Improved medicine yield

---

The Zero Residual™ products pioneer the silicone oil-free trail from vial to treatment.

- ✓ Silicon-Oil free syringes and needles
- ✓ Accurate dosing control
- ✓ Patient safety
- ✓ Cost saving and waste reduction

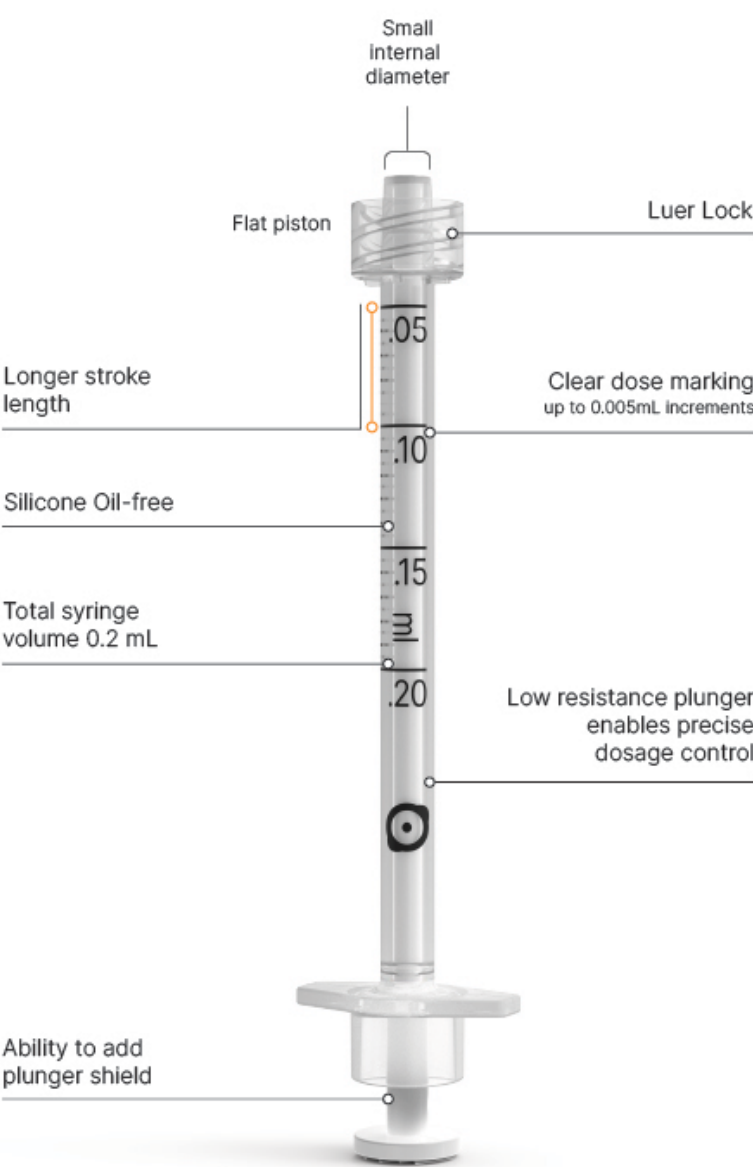
# Optimize output, minimize risk

## Materials

Plunger	ABS (medical grade acrylonitrile butadiene styrene)
Barrel	PP (medical grade polypropylene)
Piston	TPE (medical grade thermoplastic elastomer)
Protective cap	Polypropylene (PP)
Plunger	Polypropylene (PP)

## Specs

Minimum dosage value:	0.05mL
Minimum Graduation:	0.005ml
USP 788 and 789 data available per batch	
CE Approved	
ISO 10993-1	



Improved patient safety

Improved practicality and  
comfort

Improved medicine yield

Constantly innovating;

# Bubble Adapter

## Zero Residual™ Bubble Adapter

- Providing prefilling solution by means of a closed system
- Easy, safe, effective and accurate compounding/prefilling
- Silicone free & USP 789 compliant
- Reducing waste of anti-VEGF
- Cost saving



# The numbers Stability Data



30 days



30 days



30 days



37 days



37 days

## Sources:

Jørstad, Ø. K., et. al. (2023). Pharmaceutical compounding and storage of faricimab in a syringe for intravitreal injection do not impair stability and bi-specific binding properties.

Gjølberg, Torleif T et al. (2022) "A Silicone Oil-Free Syringe Tailored for Intravitreal Injection of Biologics."

Jenny Blomvist, et al. (2024) "Comparison of stability of Aflibercept (114.3 mg/mL) in Zero Residual Syringes, with and without silicone oil"



# Portfolio



Vabysmo vial naar .2ml syringe met bubble adapter

SJJ Solutions

## Requirements

Bubble adapter holder

Bubble adapter

Filter needle

ZR™ Cap

Vabysmo vial

10ml syringe

ZR™ Silicone  
free syringe

[click screen to see video](#)

At SJJ Solutions, we don't just make syringes — we empower healthcare professionals to deliver treatments with maximum impact, minimal waste, and absolute confidence.

**We challenge. We innovate. We solve.**

We are looking for partners that can make an impact in their region to join us in our quest

**Contact us for business opportunities**