

Dose&K

Dosed

A 10 mL syringe concept supporting nurses during medication preparation.

FOR WHOM

Nurses drawing liquid medication from vials

Assist professional judgment. Preserve the standard workflow.
Reduce visual strain without automating or locking the dose.



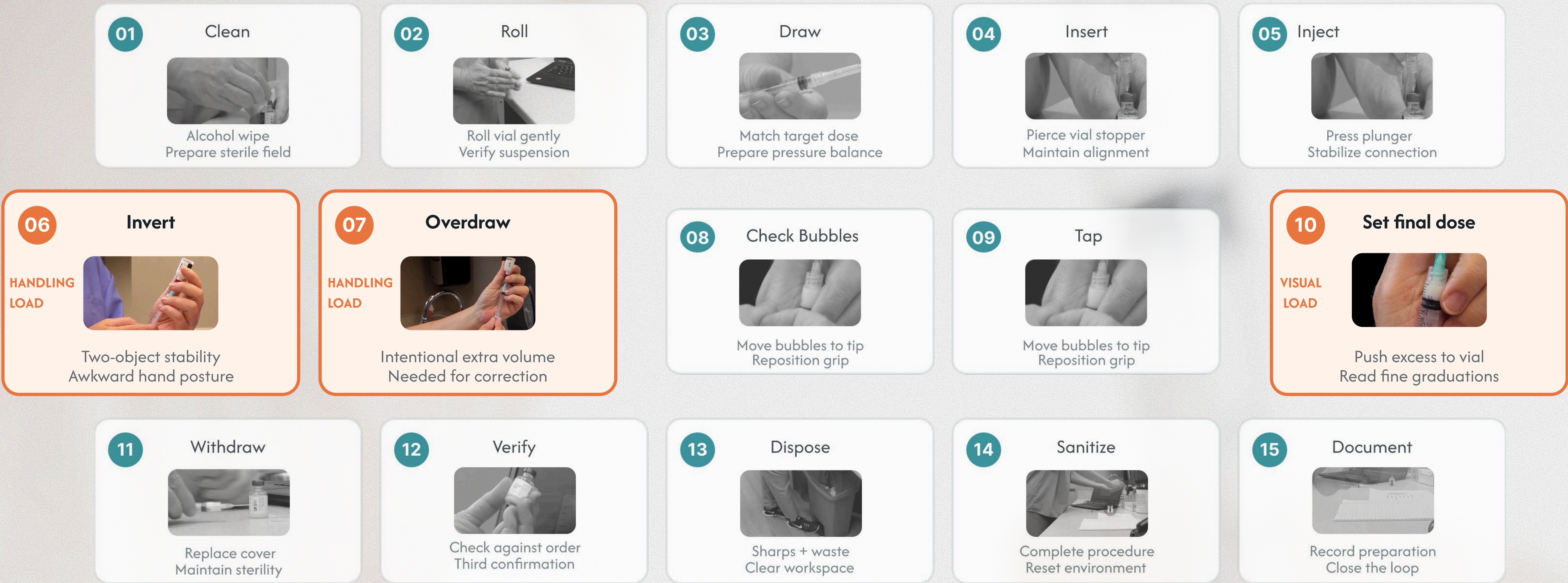
DESIGN INTENT

Make medical preparation process
more pleasant and easier

UNDERSTANDING & EMPATHY

Current Journey

Observed workflow reconstructed from the existing journey map. Orange moments carry the highest handling or attention load.



FOCUSED PAIN POINTS



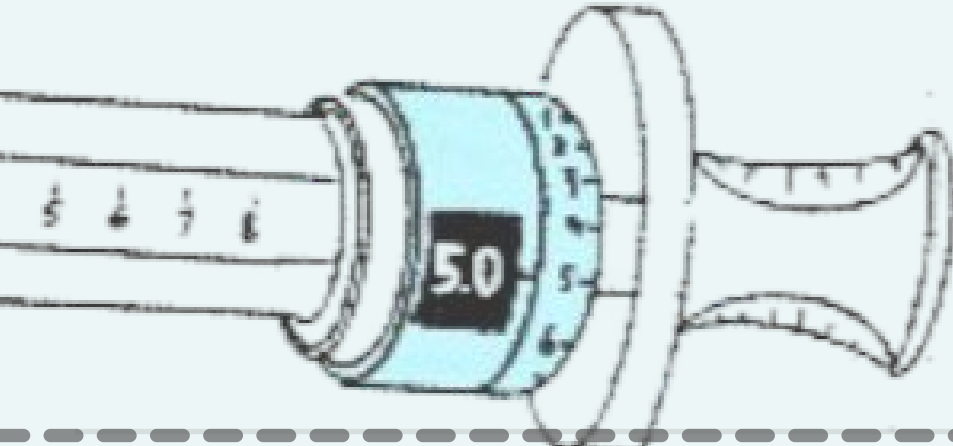
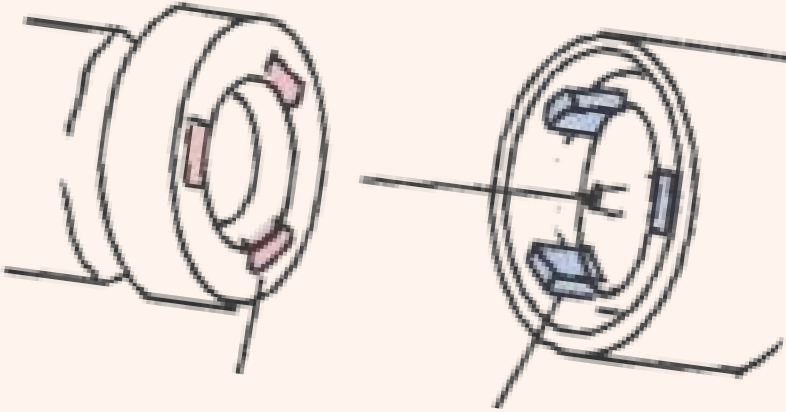
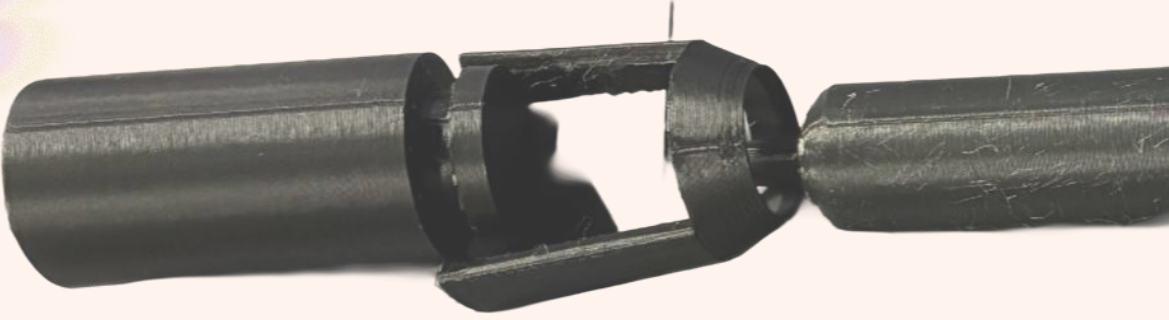
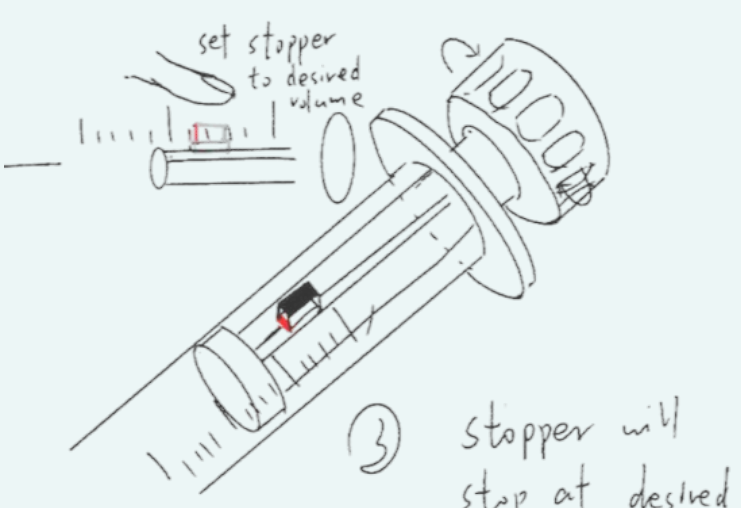
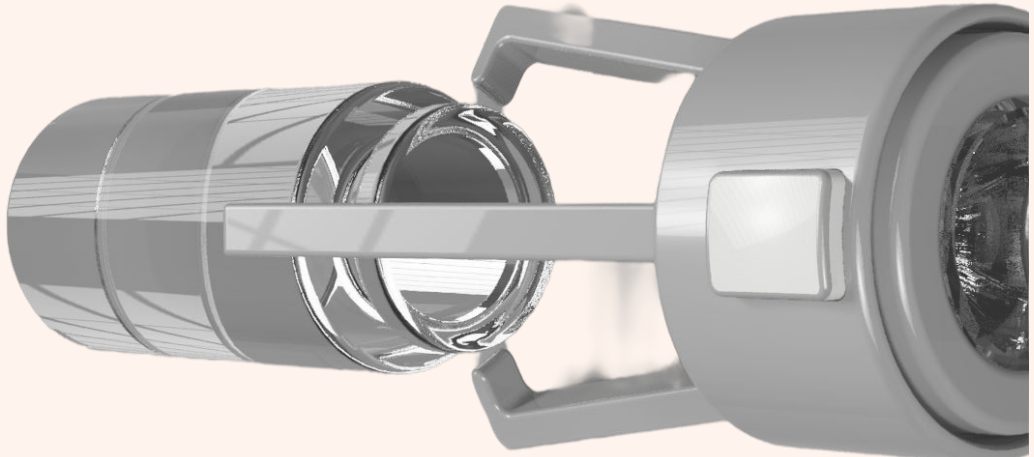
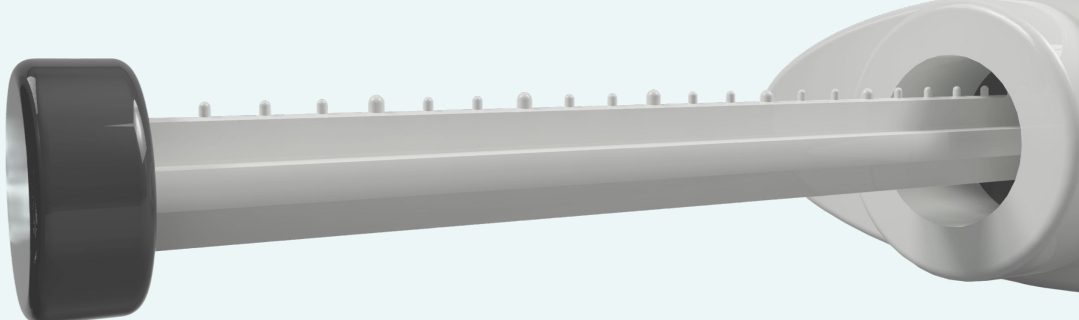
PROBLEM DEFINITION

How might we solve these problem
without interrupting established preparation habits?

Nurses need a better medical preparation experience. During medication preparation, the handling of syringes and vials, the stabilization, and the visibility of dosage should all be improved. More importantly, the design should help make the preparation process more accurate and reduce the possibility of mistakes, allowing nurses to work with greater confidence and safety.

Concept Development

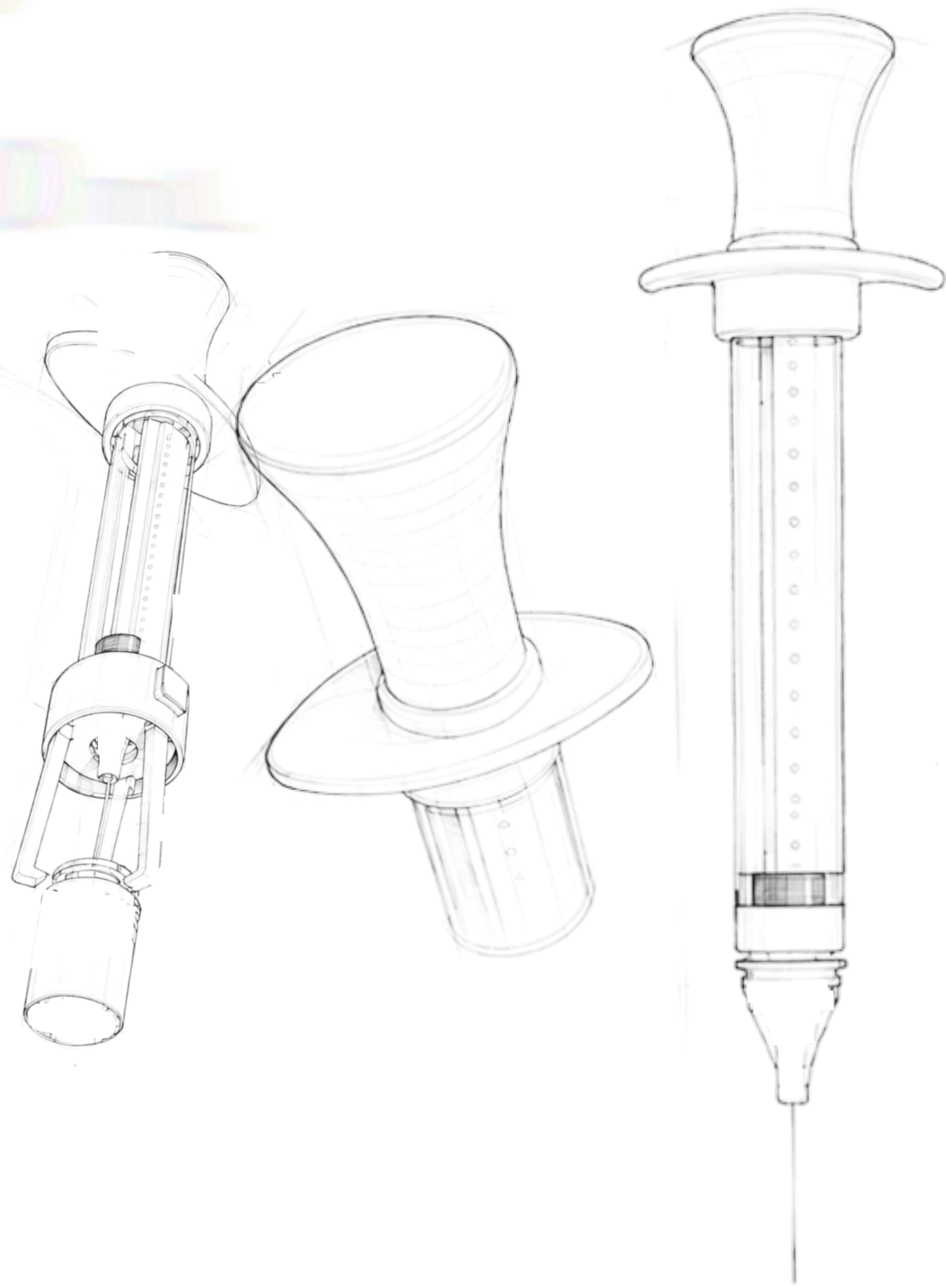
Ideation, theme build and concept development.

IDEA A / Vial Lock 	Thinking How to lock vial?	IDEA B / Draw Guide 
	Can it adapt to every vial?	
	Easy and strong to "Grab"	
	1 Button + 3 Legs	

Tactile Landmark



OUTPUT & PROTOTYPING



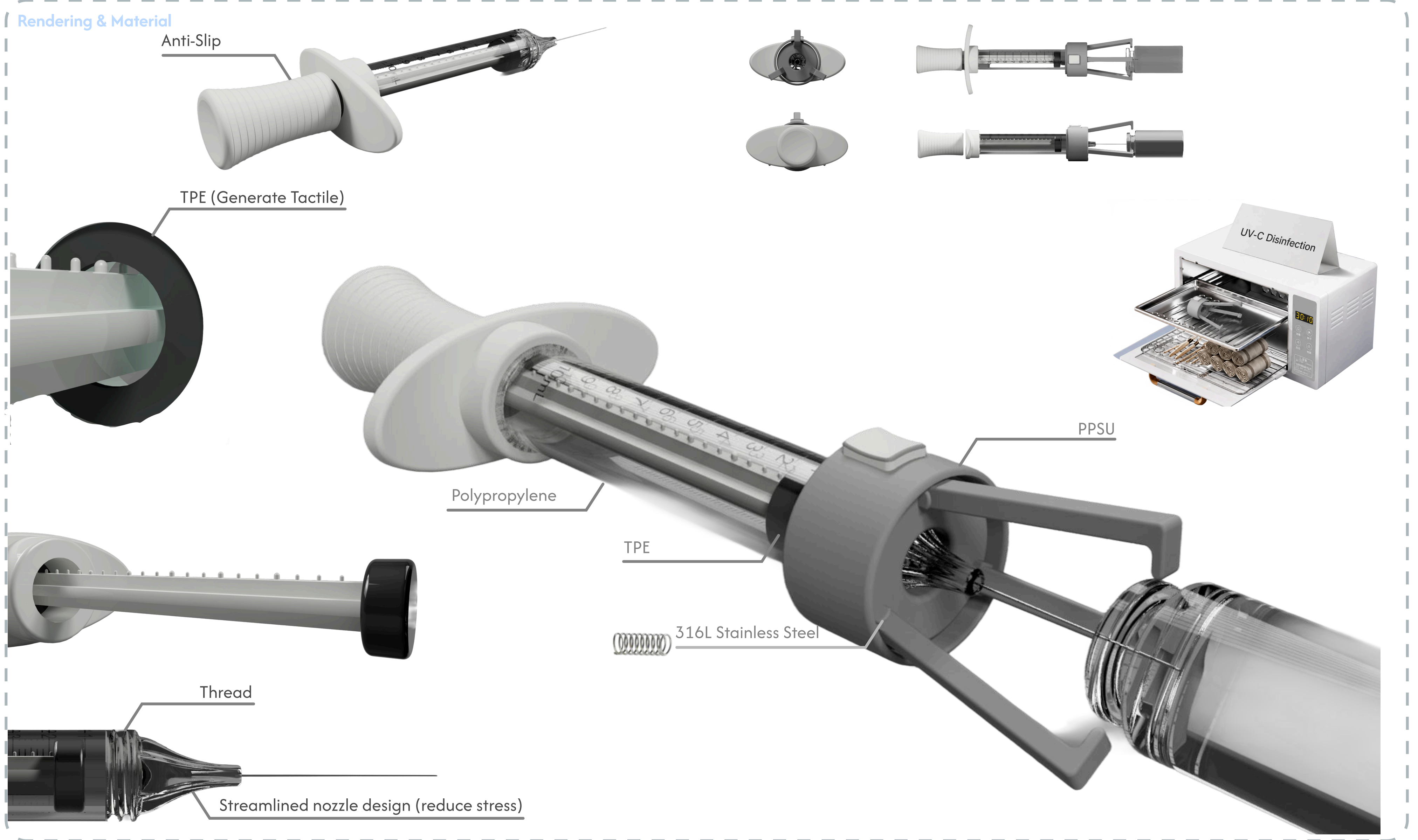




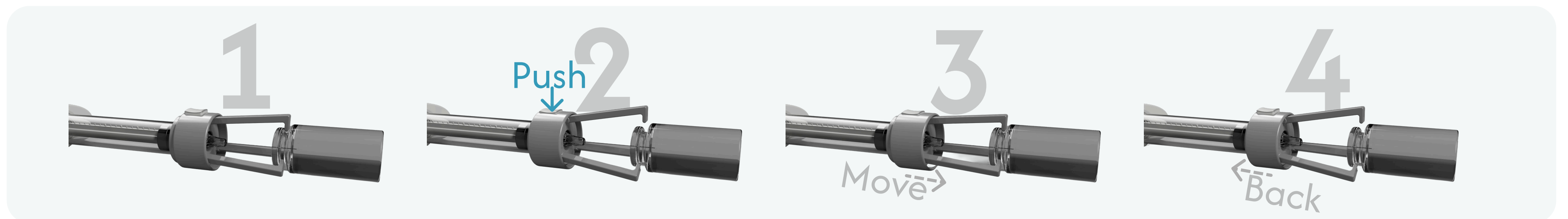
IDEATE → BUILD → REFINE

A cue you can feel.

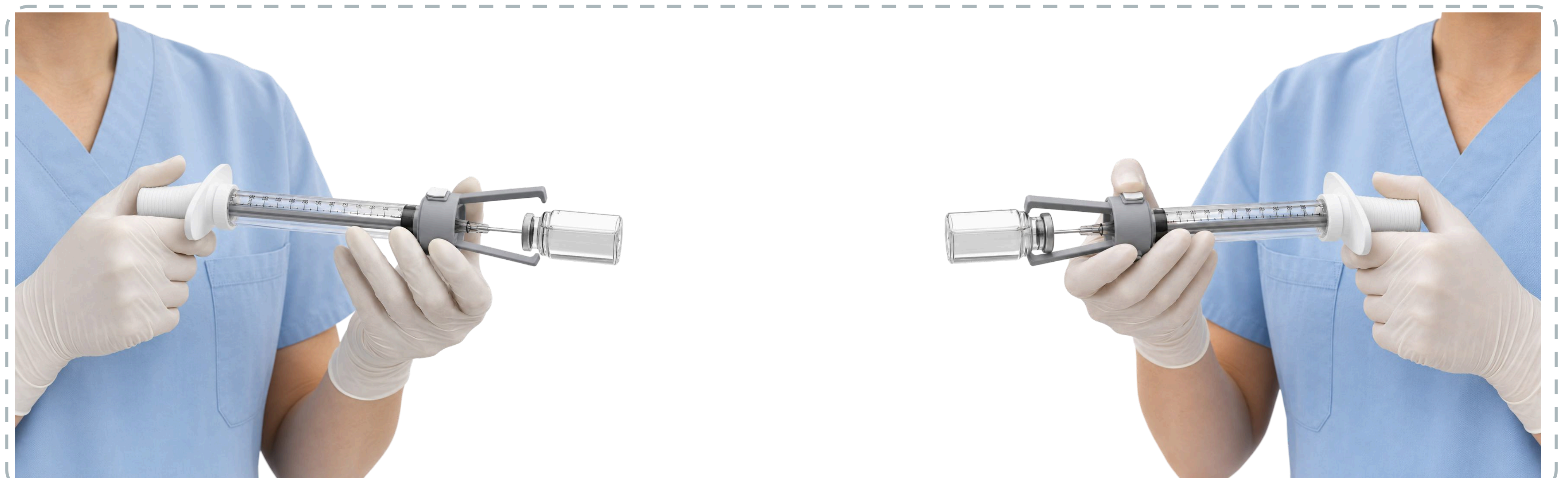
Final concept: a 10 mL tactile landmark syringe with vial stabilization.



How to “Grab”



SCENE IMAGE



ASSIST, NOT REPLACE

GUIDE, NOT LOCK

LOW COMPLEXITY

FLUID PATH UNCHANGED

Soft cues. Restrained medical form. Disposable logic. Existing habits preserved.

FINAL CONCEPT → CONTEXT