

Quick Start — Experimenter (v2.0)

BlindKit v2.0 — Quick Start (Experimenter, **blinded**)

You operate **only** inside the EXPERIMENTER ROOT. You never touch the blinder repo.

Setup (once)

```
python -m venv venv && source venv/bin/activate  
pip install pillow qrcode
```

Your repo

- EXPERIMENTER ROOT: `./study_X_experimenter/`

A) Day-to-day injections (blinded)

Behavior (4 sessions per animal)

- 1) Receive syringe with QR/label from blinder.
- 2) Photograph syringe + label before injection.
- 3) Log a **receipt** in your repo:

```
python blindkit_v2_0.py inject-scan \  
  --experimenter-root ./study_X_experimenter \  
  --animal-id RAT001 \  
  --stage BEHAVIOR \  
  --session 1 \  
  --photo /path/to/RAT001_beh_s1.jpg
```

Physiology (single terminal injection)

```
python blindkit_v2_0.py inject-scan \  
  --experimenter-root ./study_X_experimenter \  
  --animal-id RAT001 \  
  --stage PHYSIOLOGY \  
  --photo /path/to/RAT001_phys.jpg
```

Viral aliquot (single per animal)

```
python blindkit_v2_0.py inject-scan \  
  --experimenter-root ./study_X_experimenter \  
  --animal-id RAT001 \  
  --stage VIRAL \  
  --photo /path/to/RAT001_viral.jpg
```

B) Anatomy (blinded analysis)

****Verify your blinded set strictly****

```
python blindkit_v2_0.py verify-anatomy-blinded \  
  --experimenter-root ./study_X_experimenter
```

(If files were resaved/moved and strict verify fails, ask the blinder to cross-reference using their private crossref.)

C) Record legitimate edits (optional provenance)

```
python blindkit_v2_0.py record-derivative \  
--experimenter-root ./study_X_experimenter \  
--parent /path/to/anatomy_blinded/ANA-XXXXXX/IDX_003-007.tif \  
--child  /path/to/anatomy_working/ANA-XXXXXX/IDX_003-007_adj.tif \  
--note "contrast +12%"
```

D) Post-hoc (after unblinding)

Ask the blinder for the ****unblinding bundle** ZIP**. Anyone can verify:

```
python blindkit_v2_0.py verify-posthoc --bundle ./study_X_unblinding_bundle.zip
```