

## Quick Start — Experimenter (v1.7)

### BlindKit v1.7 — Quick Start (Experimenter side, **\*\*blinded\*\***)

You only use the **\*\*EXPERIMENTER ROOT\*\***. You never touch the blinder repo.

#### Setup

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

#### Paths

- EXPERIMENTER ROOT (your repo): `./study\_X\_experimenter/`

#### A) Day■to■day injections (blinded)

##### ***Behavior (4 sessions per animal)***

- 1) Receive a syringe with QR/label.
- 2) Photograph syringe + label before injection.
- 3) Log a **\*\*receipt\*\*** at your root:

```
python blindkit_v1_7.py inject-scan \
  --experimenter-root ./study_X_experimenter \
  --animal-id RAT001 \
  --stage BEHAVIOR \
  --session 1 \
  --photo /path/to/RAT001_beh_s1.jpg
```

This stores a receipt JSON under `EXPERIMENTER/receipts/`. Your colleague will **\*\*reconcile\*\*** it on their side.

##### ***Physiology (single terminal injection)***

```
python blindkit_v1_7.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_v1_7.py inject-scan \
  --experimenter-root ./study_X_experimenter \
  --animal-id RAT001 \
  --stage VIRAL \
  --photo /path/to/RAT001_viral.jpg
```

#### B) Anatomy (blinded analysis)

You will be handed a blinded folder under your root (`anatomy\_blinded/`) and a blinded■only manifest.

**\*\*Verify strictly\*\***

```
python blindkit_v1_7.py verify-anatomy-blinded \  
  --experimenter-root ./study_X_experimenter
```

\*(For tolerant verification against resaves/moves, ask the blinder to run the cross-ref on their side.)\*

## **C) Provenance of allowed edits (optional)**

```
python blindkit_v1_7.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%"
```

**\*\*That's it.\*\*** You never see the keys; your receipts + hashes ensure auditability without unblinding.