

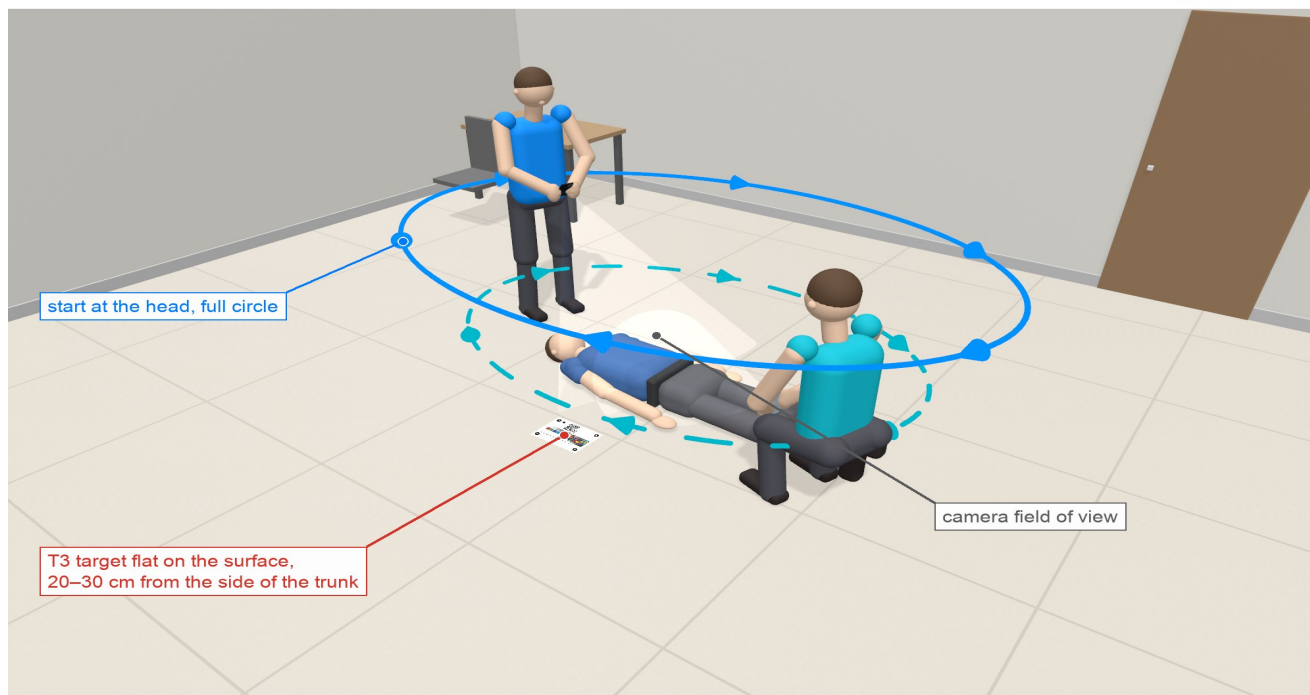
aPrehliadky — Quick Start Guide

From the printed target to the report in six steps · version 3.0 · forensika.eu

This is the shortest path to a defensible 3D record of a body or an object. Details, examples and troubleshooting are in the full user guide; here is only what to do, in the order to do it.

Overview of a lying body — two laps around the body, one T3 target

one target per scan



- Lap 1: standing, phone at waist height, tilted 45° down, 0.7–0.9 m from the body, one step per second
- Lap 2: crouching, phone 30–50 cm above the surface, almost level, 0.5–0.7 m from the body

Overview of a lying body: two laps at different heights, the T3 target flat beside the trunk.

1. Print and verify the T3 target (once)

- Scan list → menu ... → Calibration target T3 for printing. A4 landscape, 100 % (no fit-to-page), matte paper, laser; mount on a rigid board. No glossy film.
- Measure the circle centres A–B: 247.00 mm with a caliper (or the outer edges 271.00 mm). Deviation over 0.5 mm = reprint. Write the value down — you enter it in the scan.
- Insert a ColorChecker Classic Mini into the cut-out if you have one (colour fidelity for Colorime3ka). The target works the same without it.

2. Prepare the scene (2 minutes)

- Diffuse light, no flash, no window behind you. Matte down glossy or wet surfaces (powder, a stocking on a mannequin).
- Target flat next to the subject, in the plane of the surface, 20–30 cm from the side, uncovered. For a whole-body scan 2–4 targets around the body and tape-measure the distances between their centres (control network).
- Charged iPhone Pro (LiDAR), 2 GB free, nothing else running.

3. Capture (3–5 minutes)

- “+” → profile (Deceased / Living person / Object), extent Overview for the whole subject, Silent — 4K video. Aim at the centre of the subject → Set centre.
- Walk around slowly (a step per second), three heights: lap 1 standing tilted 45°, lap 2 crouching almost level, lap 3 above the subject. Distance 0.8–1.2 m. Frames capture themselves.
- Follow the coach: Slower · Closer · Go back · Target not in view · Frames are blurred. In an overview pass the target within 0.8 m at least once.
- Every finding you will measure to the millimetre: a separate Detail scan from 0.3–0.5 m, target right next to it.

4. Compute the model

- Processing starts by itself after capture (iPhone, 2–6 minutes, phone on the charger). Extent Subject.
- On the scan screen enter the Target print check (value from step 1) and, with several targets, the Target control network (tape distances) — then Recompute so they are applied.
- Check the rows Target in model (scale $\pm$ uncertainty) and Documentation class: A or B is fine; C means the scale has no support — repeat with the target closer or add a reference.
- The highest quality comes from computing the package on a Mac (Fotogram3ka 3D, detail Medium or Custom) — the package returns to the iPhone with the findings.

5. Examination, findings, measurements

- Rotate with one finger, pan with two, pinch to zoom. Tap = quick point, press and drag = precise point with the loupe; the Apple Pencil is more precise than a finger (visible in the uncertainty).
- Findings: Mark mode → tap the skin → type (injury, mark, livor, sample) and description. The finding number is citable in the report.
- Measurements: Distance (straight), Path along the surface (wound, circumference), Area (bruise), Volume. Every value carries $\pm U$ ($k = 2$) — state the value with U in the record.
- Reference: measure the target's mm scale in the texture (200 mm) or a ruler and enter the true length — the deviation goes into the report.

6. Report, certificate, archive

- Export → Report PDF (for the case file) and 3D documentation certificate (class A–D, capture trace, hashes, QR for verification). The same on the Mac from the examination (Export).
- Archive scan: the complete .f3d package with frames, SHA-256 in the report. That file is the evidence — a model without frames cannot be recomputed or verified.
- In the record: “aPrehliadky 3.0 3D model, T3 target, class A, length 123.4 ± 1.8 mm ($k = 2$), certificate F3D-...”.

A measurement is defensible only with the target (or a reference), a green scale row and the uncertainty stated. A 0.1 mm display resolution is not accuracy.