Person 1
Reconstruction iteration journal

Contemporaneous decisions and sample images for four independently initialized reconstructions. This document explains evidence-supported actions and observed consequences; it does not expose or substitute undocumented manual edits.

Read the final report for released results and statistics. Intermediate neutral heights below are diagnostic model endpoints only. A stage ACCEPT means permission to proceed to the next stage; it is not final body acceptance. REFINE preserves the failed candidate and applies a separately recorded observation/constraint revision.

Image 2295 - source joint review

All original-frame shoulders, elbows, wrists, knees and ankles inspected. Points represent uncertain joint-center estimates inside clothing, not outer clothing edges. Hips/pelvis and fully hidden joints remain null. Hair crown excludes ponytail; exact skull position is not identifiable.

Image-consistent joint centers and anatomically plausible 3D articulation can be checked; true occluded 3D joint positions cannot be certified from one photograph.



Figure 1. Source observations before independent fitting; yellow circles show localization scales, cyan points show support observations.

Image 2295 / global_00 / ACCEPT

Recorded 2026-09-16T05:27:59.214107+00:00 | Decision SHA-256:
476f8e6041ad4983f5c5d6adf4b90af4a4482623323e1ce7af99698466660ca9

Inspected all global-stage views: the generic body is located at the correct floor region, but its straight legs and spread arms have not been fitted. The head displacement is not grounds to change height at this stage. Accept placement only and articulate the legs next.

The generic dimensions remain unchanged. This is not body acceptance: 59 scan crossings remain and must disappear before release.

Neutral endpoint at this iteration: 168.50 cm (generic starting dimensions). No result was selected to match a target height.

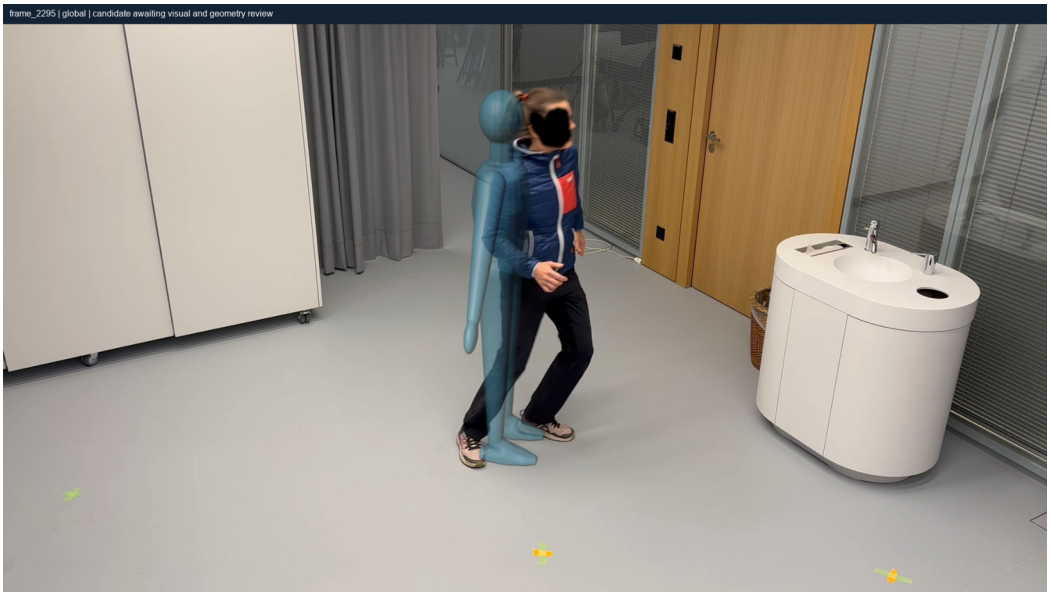


Figure 2. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

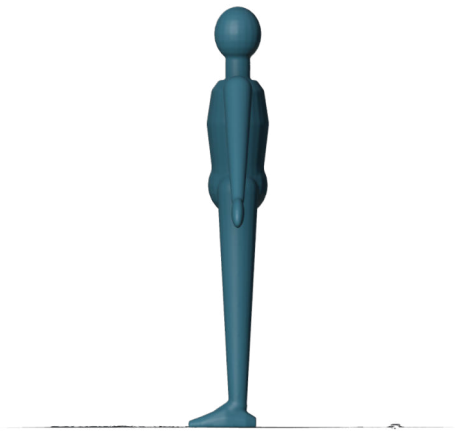


Figure 3. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / feet_00 / ACCEPT

Recorded 2026-09-16T05:30:28.995732+00:00 | Decision SHA-256:
531d22aceba67213c845e8f25abcef9cedadfece37ed50810ec36792a5533bcc

Inspected all views: both shoes support the body, legs no longer overlap and knees/ankles project near their observed centers (largest lower-joint residual 12.83 px). The side view shows one nearly extended and one flexed leg, consistent with the photographed step. All saved geometry checks pass.

Accept lower support articulation. The torso, shoulders and arms remain unfitted; retain generic dimensions and address their image mismatch in the next stages.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 4. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 5. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / lower_00 / ACCEPT

Recorded 2026-09-16T05:32:26.718020+00:00 | Decision SHA-256:
6431add73a538b32a414e2485b80f7769015eb96520311cf668103c0c49adc70

All views inspected. Fitting torso/heading with the articulated legs reduced crown error from 41.95 to 8.21 px and brought shoulder residuals to 17.39/6.34 px without changing any body length. Knees remain within their stated clothing-localization scales. All saved geometry checks pass.

The large wrist/hand discrepancy belongs to the still-unfitted arms. Proceed to torso and arm refinement; the current endpoint is still generic, not an estimate selected from the image.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 6. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

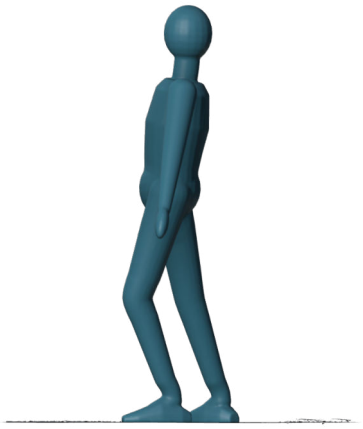


Figure 7. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / torso_00 / ACCEPT

Recorded 2026-09-16T05:34:41.101960+00:00 | Decision SHA-256:
7f3d3e5502664230b787fcc8c644fa31885029d373daf2686efe17bd1d3aeb93

Inspected all torso-stage views. The dedicated torso optimization retains the previously reviewed head, shoulder and trunk arrangement within numerical precision. All actual geometry checks pass. No height or segment length changed.

Proceed to arm articulation; the neutral arm position is not a final wrist or elbow reconstruction.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 8. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

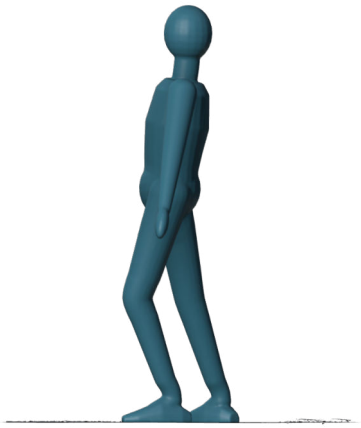


Figure 9. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / arms_00 / REFINE

Recorded 2026-09-16T05:40:32.988156+00:00 | Decision SHA-256:
af4fbec84a589ccfe447f2429e416d7bae485502526a0763aa7677335a5f50d2

All views inspected. Near elbow/wrist/hand pixel errors fall to about 1.6/2.3/2.6 px, but the saved skin has 43 self-intersection pairs. Read-only collision localization places the inspected pairs at the near upper-arm/forearm junction. Good joint projection does not override invalid skin.

Add a moderate elbow-bend regularizer to explore a less folded depth solution while preserving observed joint pixels. This is a limitation of the generic skin and an explicit pose assumption, not evidence that the photographed elbow has that exact angle. Its effect on dimensions must remain visible in the report.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 10. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

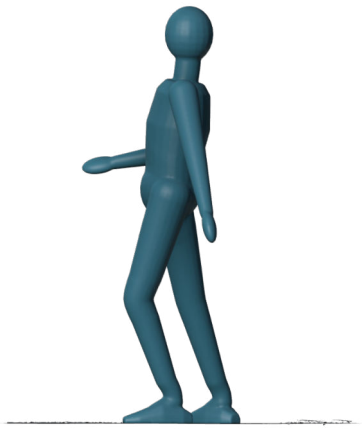


Figure 11. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / arms_01 / ACCEPT

Recorded 2026-09-16T05:42:35.379635+00:00 | Decision SHA-256:
9ee4e0cb2494c5ec4eddeb8811c952d9e3358ad81af6cbf164b80cf6551db30a

All views inspected. Moderate near-elbow flexion resolves all 43 self-intersections while wrist/hand residuals remain about 2.1/3.4 px. The elbow residual becomes 15.28 px against its 15 px localization scale, an explicit tradeoff instead of claiming exact anatomical recovery.

All actual geometry checks pass. Accept this feasible arm configuration and now allow this image's dimensions to fit independently; retain the skin-related bend assumption in uncertainty discussion.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 12. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

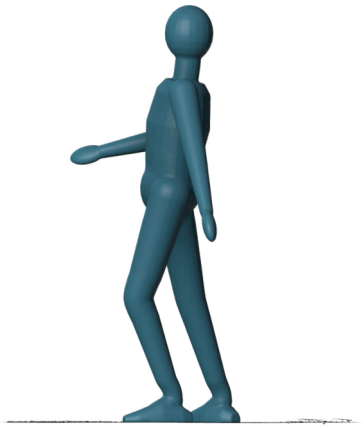


Figure 13. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / morphology_00 / ACCEPT

Recorded 2026-09-16T08:19:34.523982+00:00 | Decision SHA-256:
04169f4e4dc41d4fc7dcc618e9b2e3b9fdf9df83a203629a7cc5c705382e8d1c

Inspected all twelve panels, including source, skeleton, both sides, neutral and contact views. Saved geometry passes all twelve checks with zero detected self/scan intersections. Supported stepping pose and joint chains remain feasible; proceed to final numerical refinement.

This is a conditional experimental candidate, not verified anatomy: tibia reaches its 53 cm upper bound, pelvis width 15 cm and neck 3.5 cm lower bounds, and shoulder width 49 cm upper bound. Near shoulder, hidden far shoulder and head-center residuals remain visible. Do not conceal these limitations or interpret the small crown residual as height accuracy.

Neutral endpoint at this iteration: 176.65 cm; change from preceding inspected candidate: +8.15 cm. No result was selected to match a target height.

Dimension changes: ankle_height: -0.18 cm; femur: +2.02 cm; foot_length: -4.24 cm; forearm: +0.43 cm; hand: +2.38 cm; head: +1.75 cm; neck: -2.50 cm; pelvis_width: -6.00 cm; shoulder_width: +11.00 cm; tibia: +10.00 cm; trunk: -2.94 cm; upper_arm: +2.42 cm



Figure 14. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

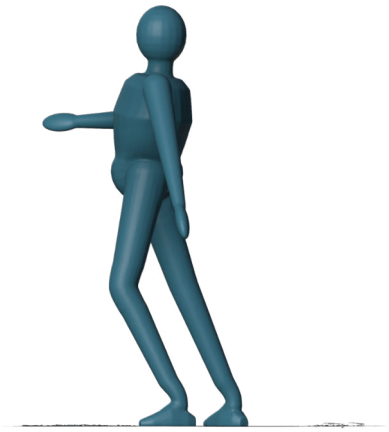


Figure 15. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 / refinement_00 / ACCEPT

Recorded 2026-09-16T08:22:14.739514+00:00 | Decision SHA-256:
0e5b496225bf67a3cc68a33274730d12f3a53c19c044aad0ad8a75f718a98076

Inspected all twelve final panels and full-resolution actual-joint residual overlay. Observed joints lie within their stated localization scales; hidden far elbow remains unconstrained. All saved geometry checks pass, with supported feet and no detected self/scan crossings. Proceed to alternate-start and localization checks.

Refinement changes height by less than 0.001 cm. Broad shoulders, narrow pelvis and long tibia at active bounds remain material model limitations. Accept conditional pose plausibility only, not uniquely correct anatomy or validated stature accuracy.

Neutral endpoint at this iteration: 176.65 cm; change from preceding inspected candidate: -0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 16. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

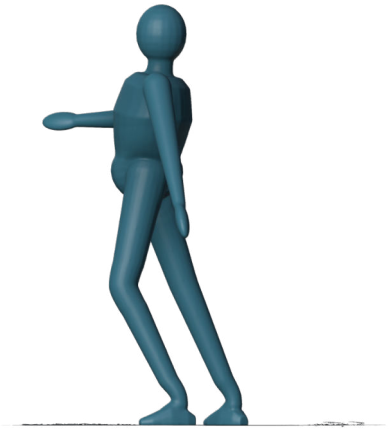


Figure 17. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2295 - alternative decisions

Alternative	Decision
initialization_00	ACCEPT
initialization_01	ACCEPT
initialization_02	ACCEPT
localization_00	ACCEPT
localization_01	ACCEPT
localization_02	ACCEPT
localization_03	ACCEPT
localization_04	ACCEPT
localization_05	REJECT

All twelve panels for each of nine alternatives inspected. Three generic restarts reproduce the reviewed pose with supported feet, feasible joints and passing saved geometry. Localization 00-04 retain feasible articulation under their perturbed observations and pass geometry; their changing proportions demonstrate uncertainty rather than new evidence.

Localization 05 is rejected because the actual saved surface has five disallowed scan crossings. It is excluded from the accepted computational range. The range from accepted perturbations is conditional on the same camera and priors and is not a confidence interval.

Image 2336 - source joint review

All original-frame shoulders, elbows, wrists, knees and ankles inspected. Points represent uncertain joint-center estimates inside clothing, not outer clothing edges. Hips/pelvis and fully hidden joints remain null. Hair crown excludes ponytail; exact skull position is not identifiable.

Image-consistent joint centers and anatomically plausible 3D articulation can be checked; true occluded 3D joint positions cannot be certified from one photograph.

elbow_R: [1463, 640] to [1458, 623]. The center of the near sleeve bend lies proximal to the prior point, which followed the descending forearm; re-localized on the original photograph.



Figure 18. Source observations before independent fitting; yellow circles show localization scales, cyan points show support observations.

Image 2336 / global_00 / ACCEPT

Recorded 2026-09-16T05:27:59.259345+00:00 | Decision SHA-256:
b2cb1bc0b40eafe27d451387bf325c168117c00abb35ed655c77c7873f41e984

All views inspected. The generic body is correctly initialized in the sink-side floor region with the photographed forward-bend direction, but feet remain together instead of the photographed spread stance. Individual contact and joint matching belong to the next stage; dimensions remain generic.

Accept centroid placement only. Current contact/penetration and 100 scan-crossing failures are explicit unresolved intermediate failures, not a released reconstruction.

Neutral endpoint at this iteration: 168.50 cm (generic starting dimensions). No result was selected to match a target height.

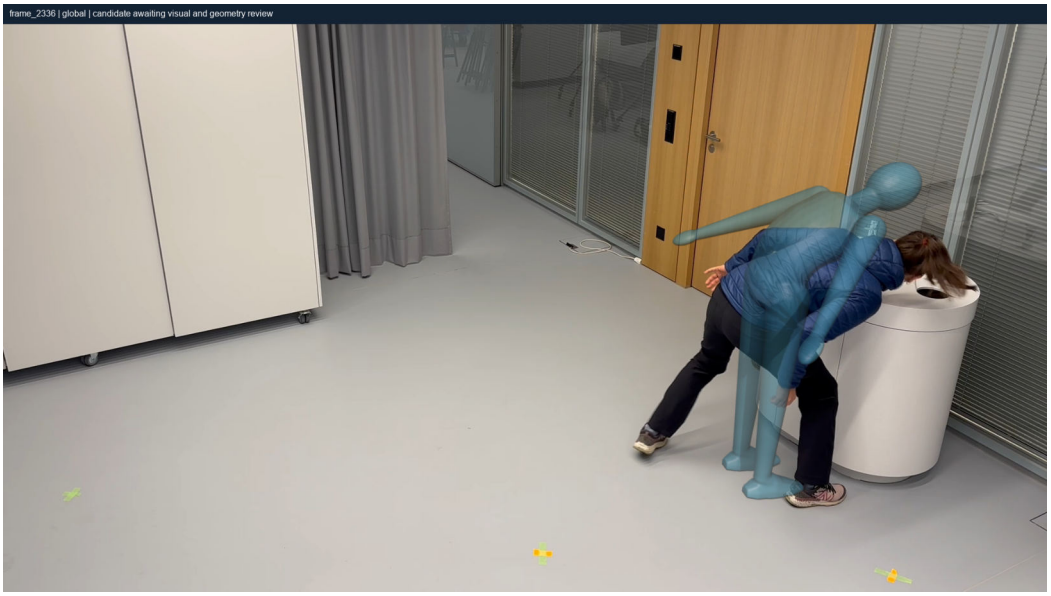


Figure 19. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

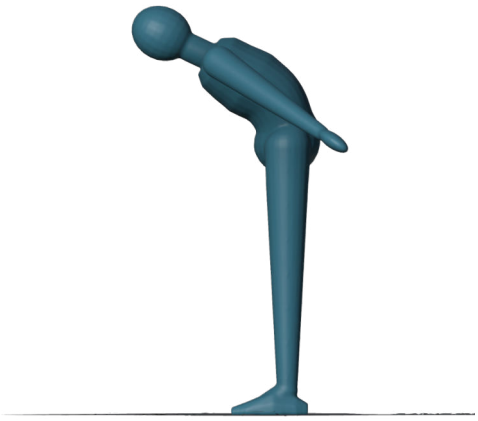


Figure 20. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / feet_00 / ACCEPT

Recorded 2026-09-16T05:30:29.041059+00:00 | Decision SHA-256:
2e448eb2901c37b0a7bdb5e6338ebfdc78ba278c64406e1da5d82c5eb7b10f97

Inspected all views: near knee bends while the rear leg extends; foot directions and stance match the photograph. All geometry checks pass and knee residuals are 3.72/7.85 px. Correct anatomical-to-rig mapping avoids crossed legs.

Head remains roughly 120 px from its observation because trunk and upper body have not been fitted. Adjust torso/neck pose next, without selecting a height from the previous reconstruction.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.



Figure 21. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 22. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / lower_00 / ACCEPT

Recorded 2026-09-16T05:32:26.762337+00:00 | Decision SHA-256:
6083c34e5eb0f71b7481f4f8e16280566fd973246bda98fe4b12a3c1208917fa

All views inspected. Greater trunk flexion (about 71 degrees plus pelvic orientation) places the head near the observed envelope: crown error falls from 121.59 to 9.88 px. Near knee flexion and extended rear leg remain source-consistent. All actual geometry checks pass.

Accept torso/lower arrangement with generic dimensions. Arms remain in neutral abduction and must be fitted next; hidden joint depths remain model assumptions.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

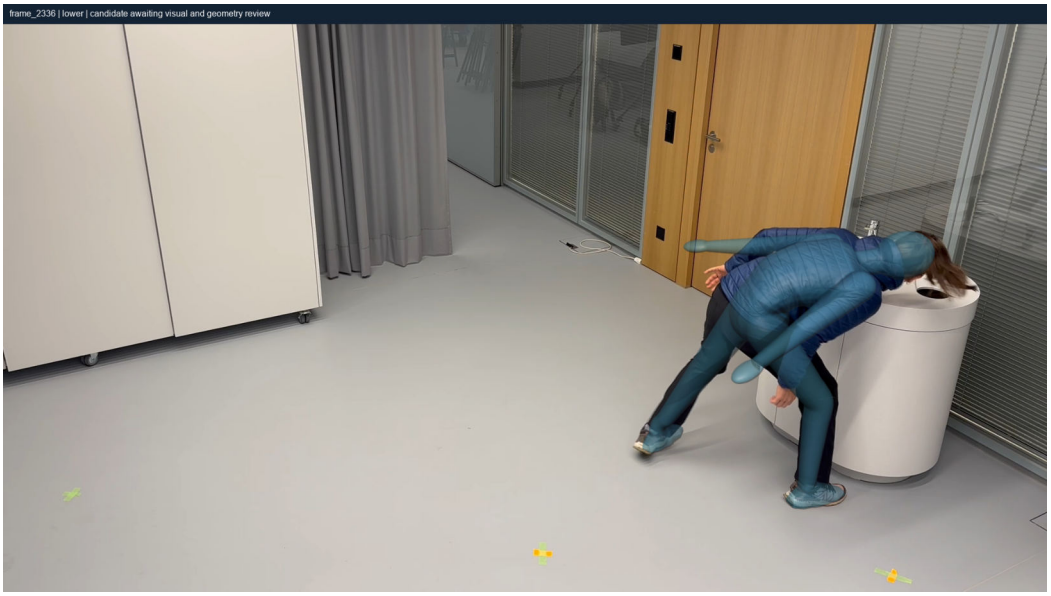


Figure 23. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 24. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / torso_00 / ACCEPT

Recorded 2026-09-16T05:34:41.145797+00:00 | Decision SHA-256:
fccc1ef185b5081840020352208316 1e7208fb2272344ef43f07a3577b5d0d68

Inspected all views. The forward-bent torso and head retain the preceding alignment, with crown error 9.88 px and shoulder errors below 10 px. Rear leg remains extended, near knee flexed, feet supported; all saved geometry checks pass.

Dimensions remain generic. Fit arms next while checking elbow direction and hand/thigh clearance in the side and oblique views.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

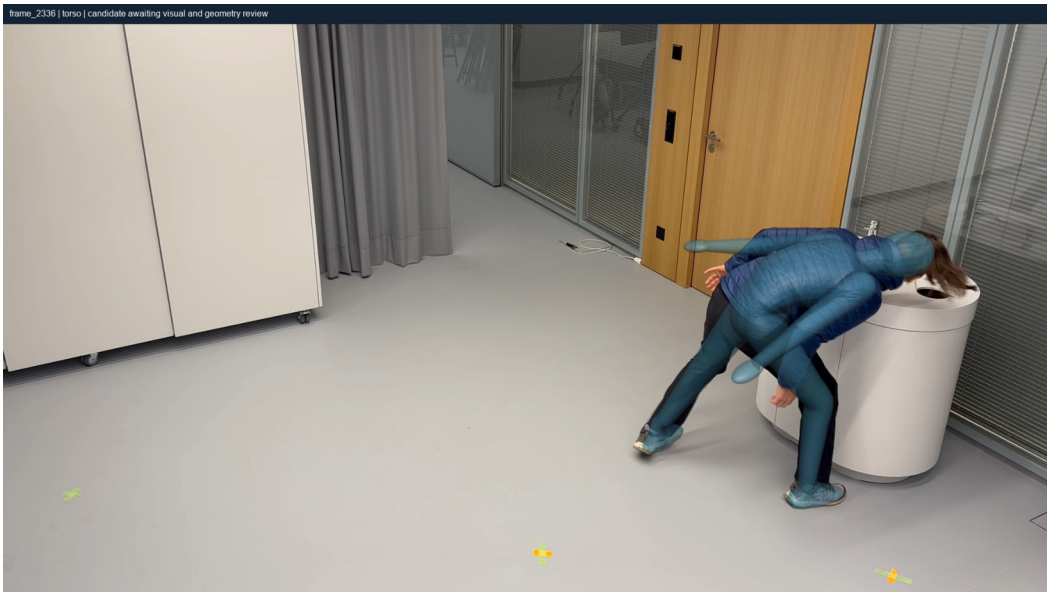


Figure 25. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 26. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / arms_00 / REFINE

Recorded 2026-09-16T05:40:33.034780+00:00 | Decision SHA-256:
34d96a588dffa7812331636d9c6540cc5a2edec790c34cc84eaf0980e88b2446

All views inspected. Near-arm pixels fit closely, but about -95 degrees of upper-arm axial twist produces 169 self-intersection pairs. Collision inspection localizes the first pairs within the near upper arm. Side views also show the arm folded backward near the pelvis.

Regularize upper-arm twist toward an untwisted frame and allow the upper arm to move forward/outward so the elbow and hand clear the torso/thigh. Retain all observed joint pixels and generic dimensions; document the added clearance assumptions.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

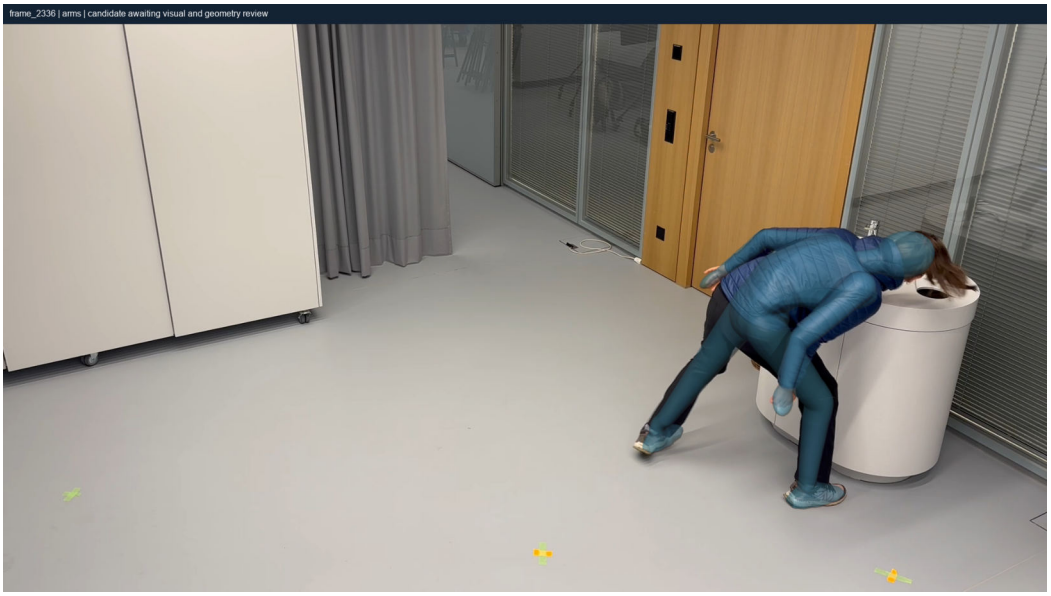


Figure 27. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 28. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / arms_01 / ACCEPT

Recorded 2026-09-16T05:42:35.424616+00:00 | Decision SHA-256:
2fcfabb86b71c65fedd28cbbab65c3e1f5c526c96f9dd33ba2e73c0fc71adfa4

All views inspected. Reducing unsupported upper-arm twist resolves all 169 self-intersections. The arm hangs beside the near leg rather than folding backward through the upper arm. Near elbow/wrist residuals remain 8.27/0.91 px, within their source scales.

All actual geometry checks pass with both feet supported. Proceed to independent morphology; the pose priors remain explicit model assumptions rather than observed angles.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

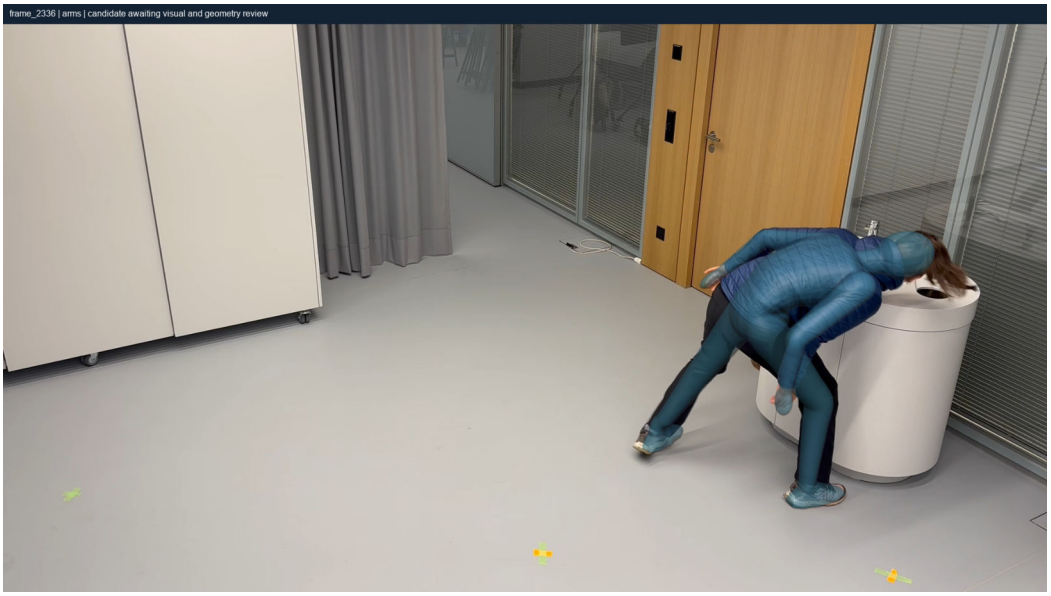


Figure 29. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 30. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / morphology_00 / ACCEPT

Recorded 2026-09-16T08:19:34.596808+00:00 | Decision SHA-256:
d55cff2093a7329f31d6df2554c325411d8d1ecc975fb58a2ba08d3039336280

Inspected source and all twelve review panels. Bent trunk, front knee and extended rear leg are compatible with the photographed action; saved joint chains, actual support and skin tests all pass with zero detected self/scan intersections. Proceed to refinement with the camera unchanged.

The long fitted neck and lower-bound pelvis, forearm, hand and foot dimensions reveal weak morphological identification. Shoulder and knee residuals remain nonzero. The hidden arm depth is regularized, not observed; these dimensions cannot be described as independently accurate anatomy.

Neutral endpoint at this iteration: 175.96 cm; change from preceding inspected candidate: +7.46 cm. No result was selected to match a target height.

Dimension changes: ankle_height: +1.54 cm; femur: +2.36 cm; foot_length: -6.00 cm; forearm: -6.50 cm; hand: -3.00 cm; head: -1.93 cm; neck: +4.62 cm; pelvis_width: -6.00 cm; shoulder_width: -2.25 cm; tibia: +2.57 cm; trunk: -1.70 cm; upper_arm: -2.01 cm

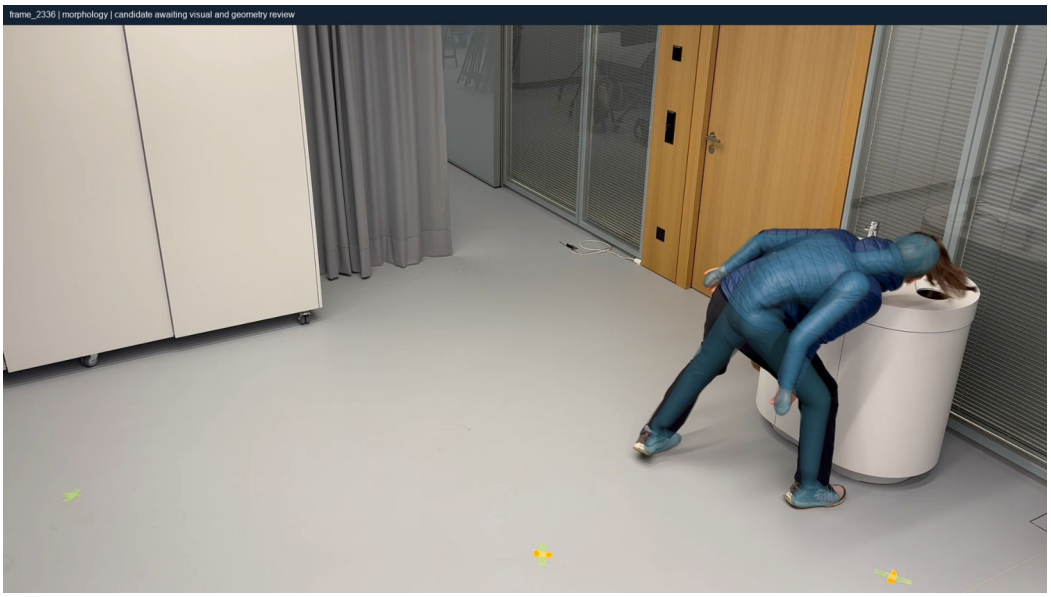


Figure 31. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 32. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 / refinement_00 / ACCEPT

Recorded 2026-09-16T08:22:14.781729+00:00 | Decision SHA-256:
e2b529d39802c946762cc414adbf7f9a14927852064a28ab879a6765c5a48e12

Inspected all twelve panels and full-resolution actual-joint residual overlay. Bent-pose articulation and visible joint projections remain consistent with the observations; all saved geometry checks pass. Refinement changes the neutral endpoint by about 0.008 cm. Proceed to alternatives.

Lower-bound forearm, hand, foot and pelvis and the long neck remain weakly identified. Hair and forward head posture limit cranial endpoint interpretation. Conditional model acceptance does not certify true anatomical pivot positions.

Neutral endpoint at this iteration: 175.96 cm; change from preceding inspected candidate: +0.01 cm. No result was selected to match a target height.

Dimension changes: shoulder_width: -0.01 cm; tibia: +0.01 cm

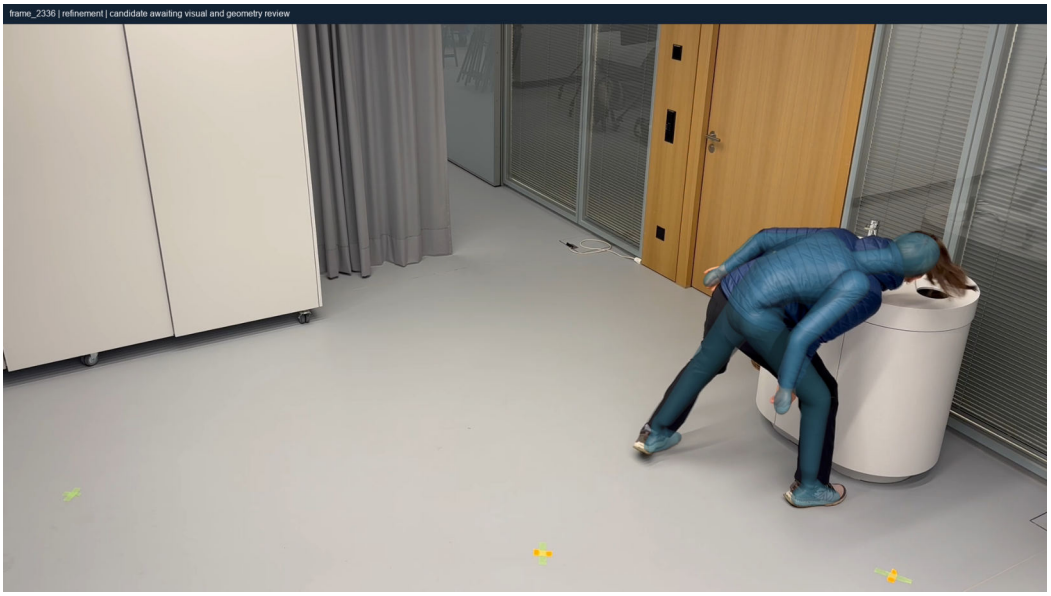


Figure 33. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

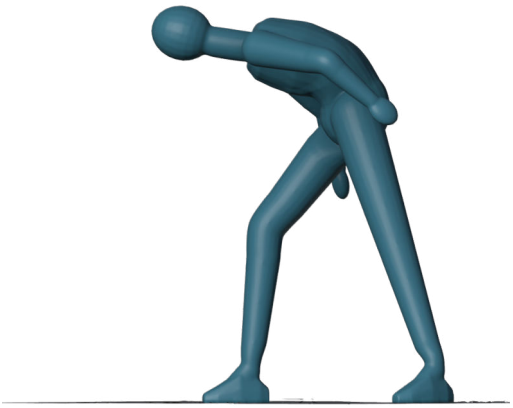


Figure 34. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2336 - alternative decisions

Alternative	Decision
initialization_00	ACCEPT
initialization_01	ACCEPT
initialization_02	ACCEPT
localization_00	REJECT
localization_01	REJECT
localization_02	REJECT
localization_03	REJECT
localization_04	REJECT
localization_05	REJECT

All twelve panels of all nine alternatives inspected. Three generic restarts reproduce the reviewed feasible bent pose and pass saved geometry. Accept these as convergence checks only.

Reject all six localization alternatives: self-intersection counts are respectively 129, 183, 374, 56, 52 and 13; alternatives 01, 02, 03 and 05 additionally cross the scan. Their changed trunk, arm and foot configurations are visible in the side/contact sheets. No accepted localization sensitivity interval exists for this frame; a narrow generic-restart spread is not uncertainty.

Image 2353 - source joint review

All original-frame shoulders, elbows, wrists, knees and ankles inspected. Points represent uncertain joint-center estimates inside clothing, not outer clothing edges. Hips/pelvis and fully hidden joints remain null. Hair crown excludes ponytail; exact skull position is not identifiable.

Image-consistent joint centers and anatomically plausible 3D articulation can be checked; true occluded 3D joint positions cannot be certified from one photograph.

elbow_R: [1391, 627] to [1391, 613]. The broad motion-blurred sleeve bend is above the old forearm-biased point; retain 25 px localization scale because the pivot is not exposed.



Figure 35. Source observations before independent fitting; yellow circles show localization scales, cyan points show support observations.

Image 2353 / global_00 / ACCEPT

Recorded 2026-09-16T05:27:59.303581+00:00 | Decision SHA-256:
64806d6437d7057b71eb5ea3b3240ae326ad4475180975283e2b7114d7826a0b

All views inspected. The generic body occupies the correct floor region with a moderate forward bend. Legs remain straight and together, so the head and joints do not yet align; these discrepancies should first be addressed through pose, not arbitrary height changes.

Accept centroid placement only. Individual sole/contact and 63 scan-crossing failures remain to be corrected by articulated fitting before any final approval.

Neutral endpoint at this iteration: 168.50 cm (generic starting dimensions). No result was selected to match a target height.

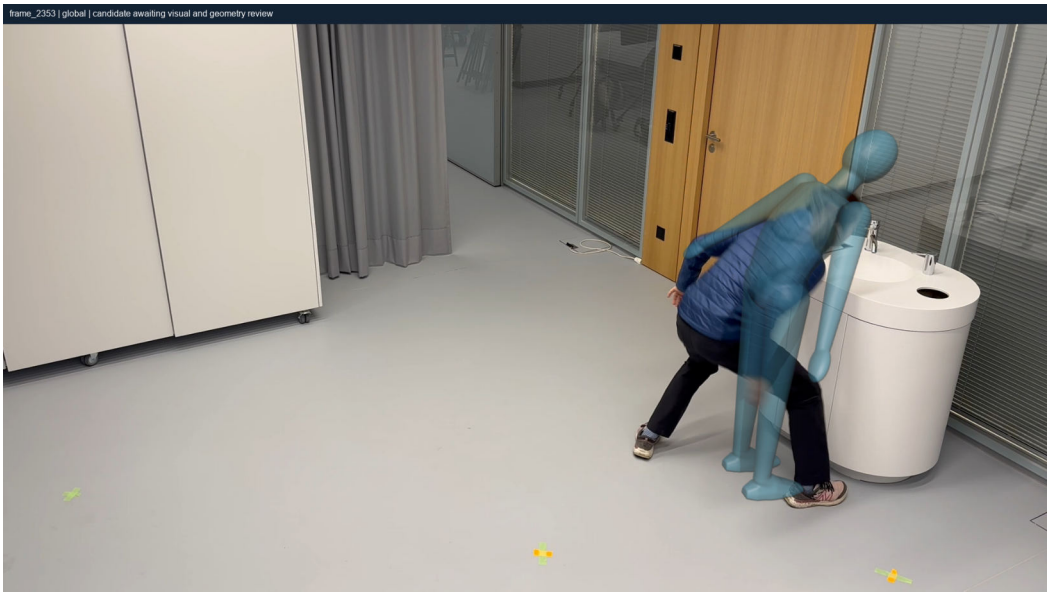


Figure 36. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 37. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / feet_00 / ACCEPT

Recorded 2026-09-16T05:30:29.085656+00:00 | Decision SHA-256:
11a6a1fca294ec7c791f14115e9a5649a9da57484807d88a3bc63a792a357ae6

Inspected all views: spread stance and near-knee bend are consistent with the image; near/rear knees have 11.97/15.67 px residuals within their stated localization scales. Feet contact actual scan triangles and all saved geometry checks pass.

Accept this support stage only. Upper body and arms are still in generic pose; their discrepancies are not interpreted as a height error yet.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

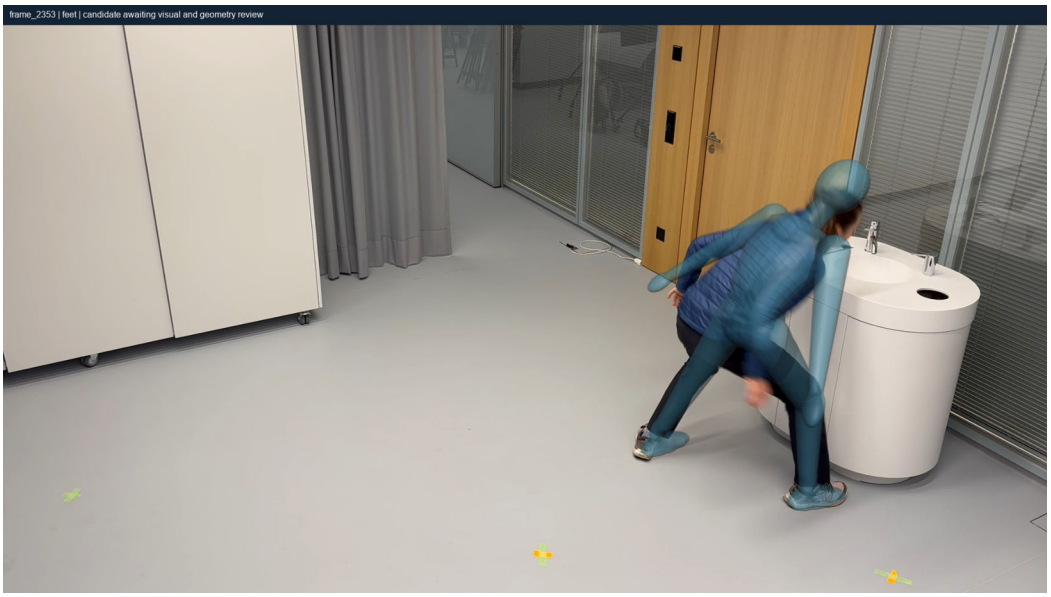


Figure 38. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 39. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / lower_00 / REFINE

Recorded 2026-09-16T05:32:26.808045+00:00 | Decision SHA-256:
aaf17518332c86eddef8c002d657991a5d12d316f745af8f56aab65528257e51

Side and oblique inspection shows the rear knee now flexed about 42 degrees. Its residual increased to 33.41 px, while the original image shows a relatively extended rear leg. Although mesh checks pass and the head is closer, this compensation weakens joint placement.

Add a broad moderate rear-knee-flexion and rear-hip-direction constraint from the original stance, keeping source pixels unchanged. This addresses pose ambiguity before dimensions are released.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

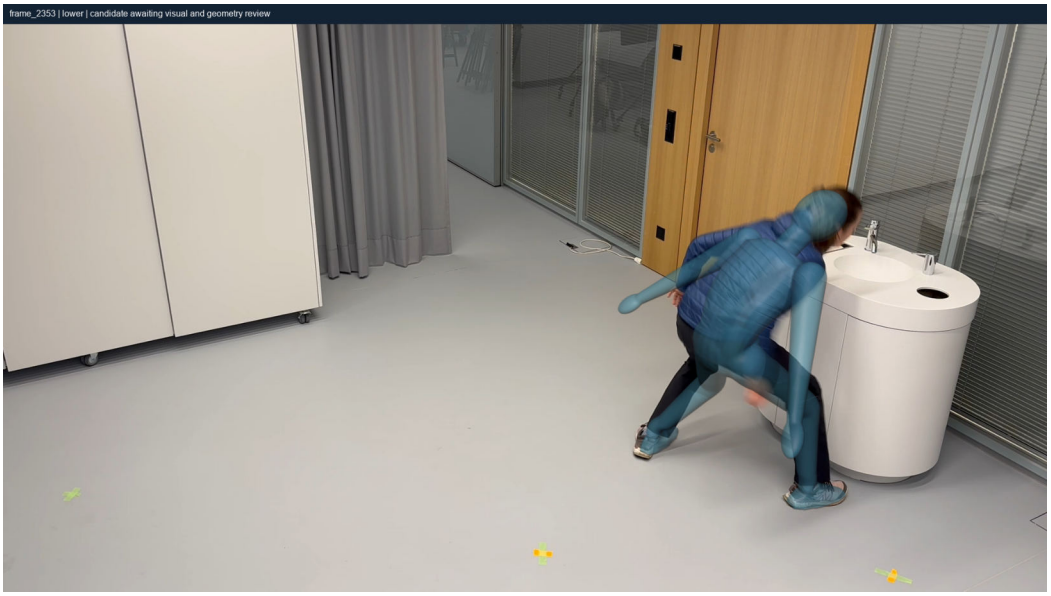


Figure 40. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 41. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / lower_01 / ACCEPT

Recorded 2026-09-16T05:34:41.190400+00:00 | Decision SHA-256:
949d38776a2e6378e453e7921e1ec0e1b1c2c4e474f5ae10079d6f8179786bb2

All views inspected. Rear-knee flexion reduces from about 42 to 22 degrees and its residual from 33.41 to 12.26 px. The stance is more consistent with the source; all geometry checks pass. The near-knee residual is 27.65 px against a 20 px scale, retained for later joint morphology refinement rather than changing its source observation.

Crown alignment improves while shoulder position remains imperfect under generic dimensions. Accept this lower-body arrangement and refine the torso/arms before allowing independent morphology to change.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

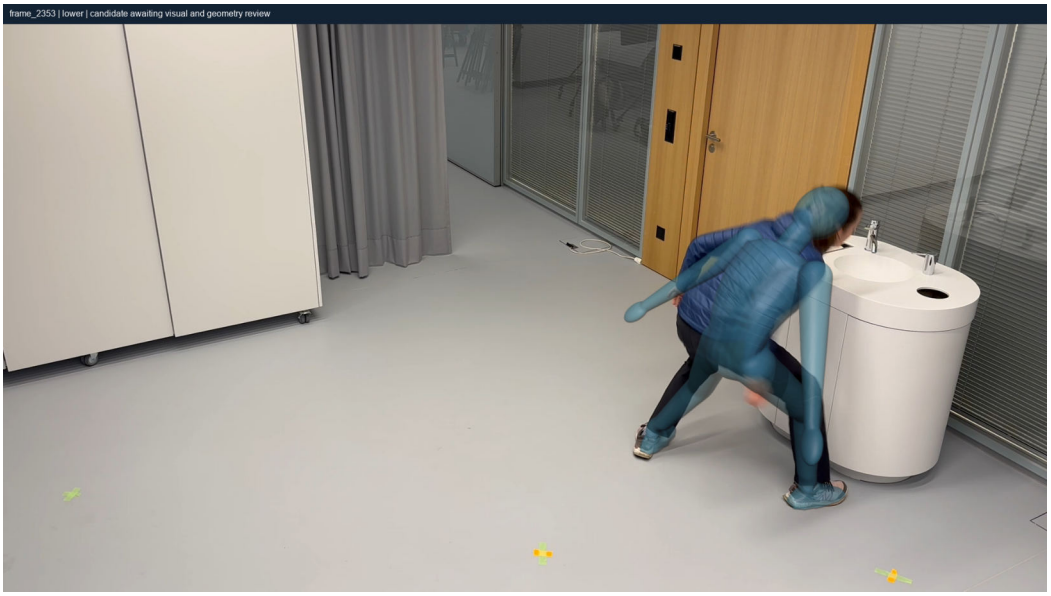


Figure 42. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 43. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / torso_00 / ACCEPT

Recorded 2026-09-16T05:40:33.078621+00:00 | Decision SHA-256:
4df1f48b1238a3454548a9e66818423de189da04b2eb5a5bfba3683bc29dead7

All torso-stage views inspected. The revised rear-knee stance and torso arrangement are stable; all saved geometry checks pass. Crown alignment is close, while the 38.85 px near-shoulder residual remains a recorded limitation of generic dimensions and pose.

Proceed to arms and then independent morphology. No dimensions were changed in this torso-only stage.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

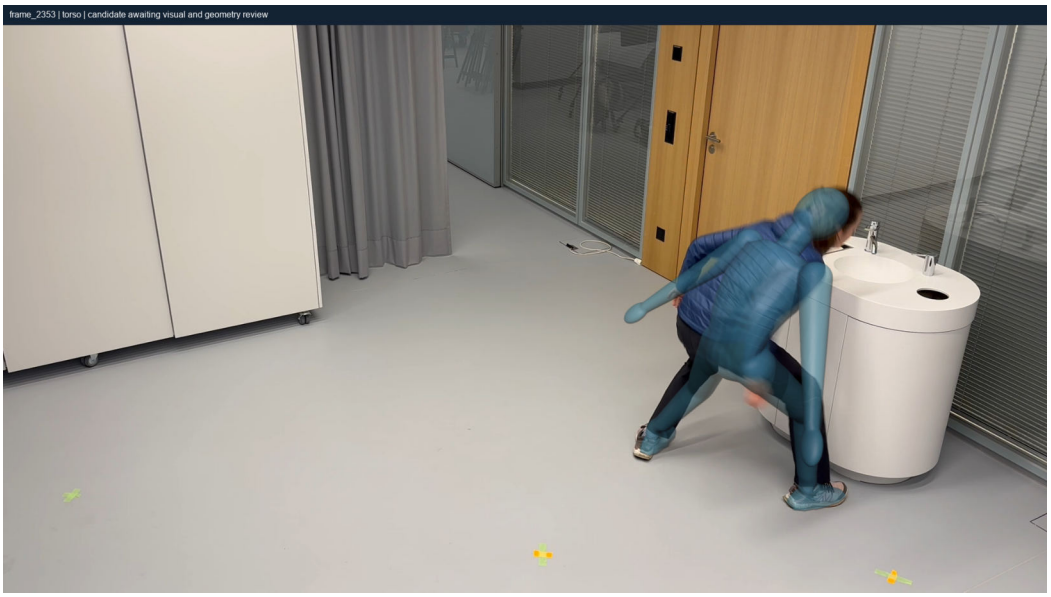


Figure 44. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

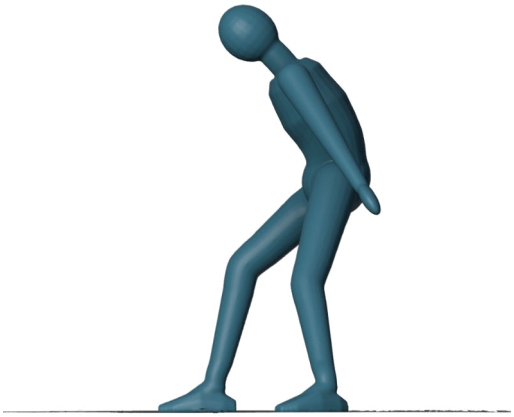


Figure 45. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / arms_00 / REFINE

Recorded 2026-09-16T05:42:35.469172+00:00 | Decision SHA-256:
ae0822ed49161c2ed72170cf6f744253a98cb1dc490b6a83b1e0e4e3bbe96950

Although actual geometry passes, side/oblique views show the near forearm directed backward away from the thigh and about -110 degrees of upper-arm axial twist. The original blurred arm hangs down beside the near thigh. A near-perfect 2D joint projection has selected an unsupported depth branch.

Add broad near-arm twist, forward-flexion and outward-clearance assumptions and moderate elbow flexion. Preserve joint pixels and confidence scales; judge the revised three-dimensional placement before changing dimensions.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

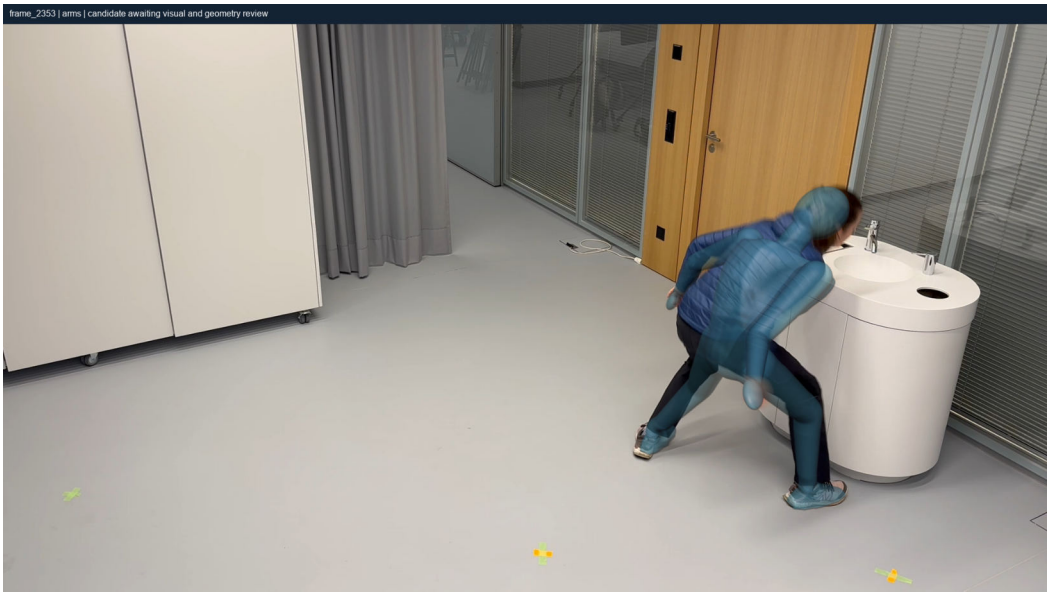


Figure 46. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 47. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / arms_01 / REFINE

Recorded 2026-09-16T08:19:34.669079+00:00 | Decision SHA-256:
c6d64769741e6b53f09c0f1ff28184fc3b321863ad9c601e61390acc7ab74eb4

All saved geometry checks pass, but all-view inspection still reveals a backward-projecting near arm inconsistent with its visible hanging position beside the thigh. Near elbow residual is 36.1 px, wrist 16.8 px and hand 37.2 px. A geometry pass alone is insufficient.

Strengthen the explicitly assumed forward arm-direction and clearance regularizers, retaining original joint observations, generic dimensions and fixed camera. The selected angular targets are plausible depth assumptions, not measured angles; record their influence in the final limitations.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

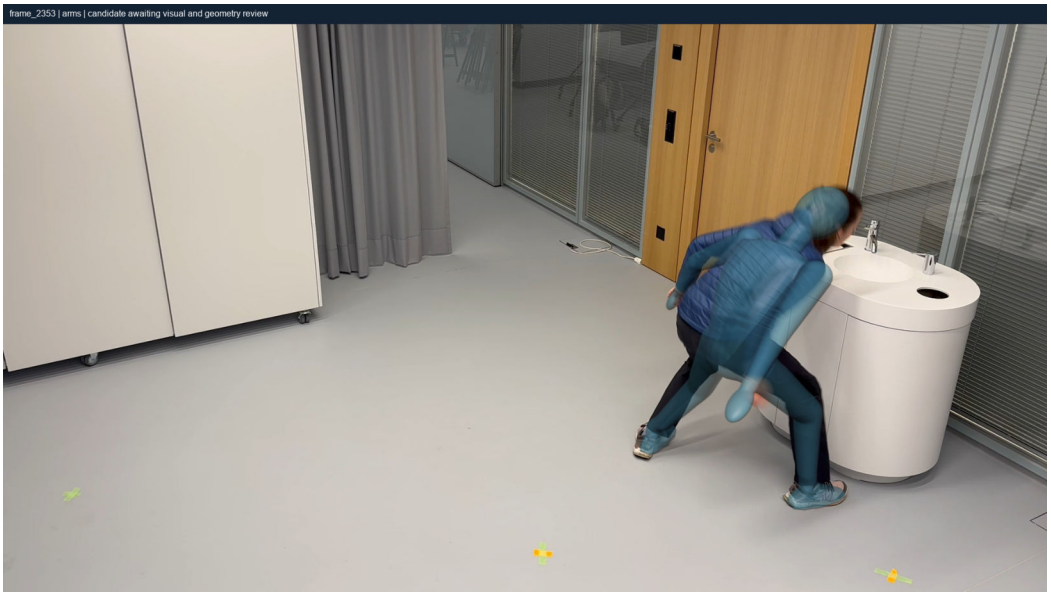


Figure 48. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

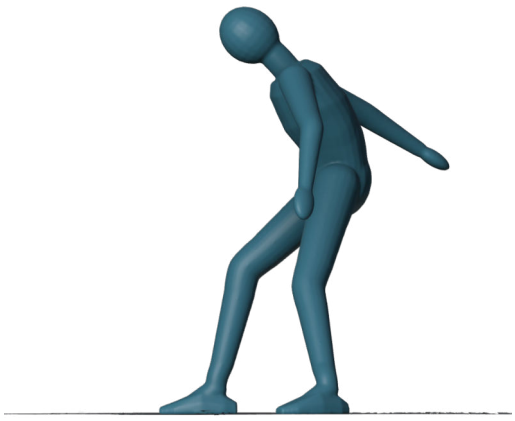


Figure 49. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / arms_02 / REFINE

Recorded 2026-09-16T08:22:14.824822+00:00 | Decision SHA-256:
535f2ffa8b8182b795338da2524e8a7e14fa564230742b369f6c1de356894c0b

The near arm now points downward in side view, but evaluated skin has 642 self-intersection pairs. Triangle localization identifies near forearm against near thigh, matching the visible model overlap. This candidate is rejected regardless of its improved depth direction.

Increase explicit near-arm lateral clearance and restrain axial twist while leaving observed joints, camera and generic dimensions unchanged. These stronger regularizers express a skin-feasibility assumption; they must be disclosed and reviewed again once morphology is free.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

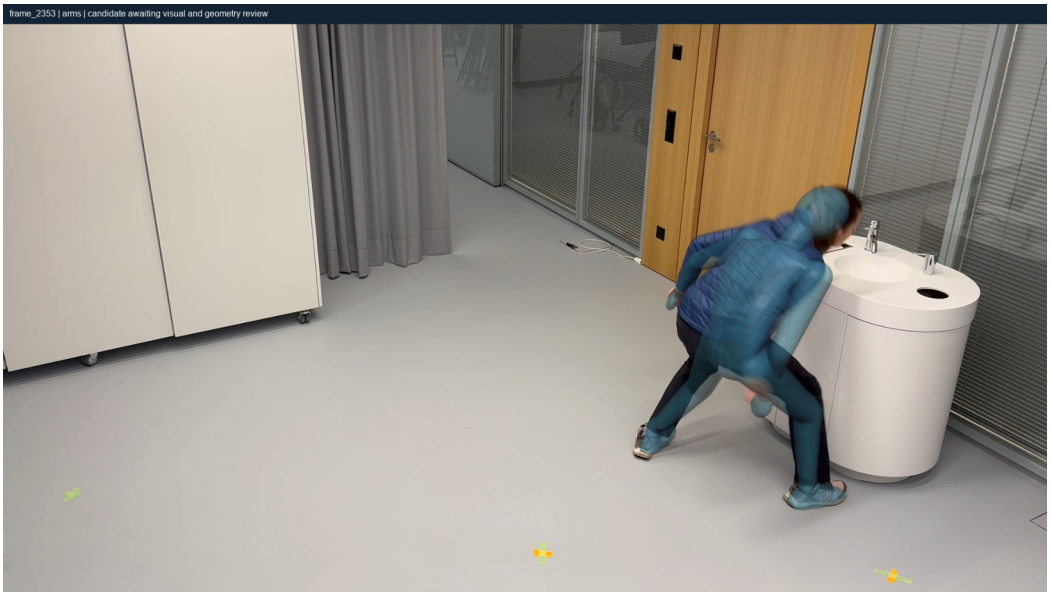


Figure 50. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

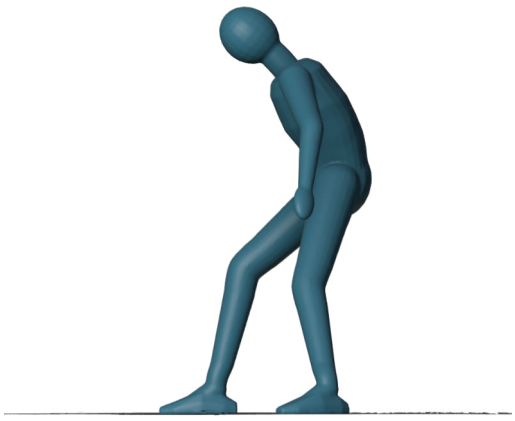


Figure 51. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / arms_03 / REFINE

Recorded 2026-09-16T08:24:36.863679+00:00 | Decision SHA-256:
a6e9b71abcdd4e517a3e17d5f598bee301357b45104e4369cea0b10d91b86ff5

All twelve panels inspected. Actual skin clearance now passes, but the near arm again extends backward almost horizontally instead of hanging beside the thigh. The generic shoulder is still displaced by 38.9 px and elbow by 45.8 px. This is not acceptable as the final arm pose.

Retain the successful lateral-clearance regularizer and strengthen the explicit forward-direction assumption. This is a recorded modeling choice needed to avoid an unsupported depth solution, not measured 3D evidence. Morphology remains generic at this stage and will be fitted independently next.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

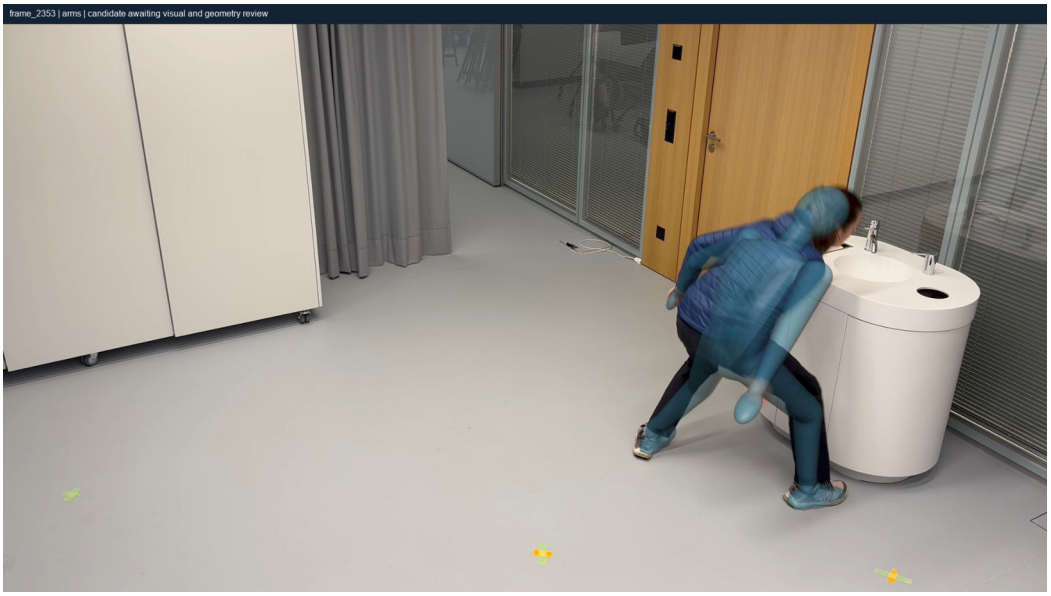


Figure 52. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

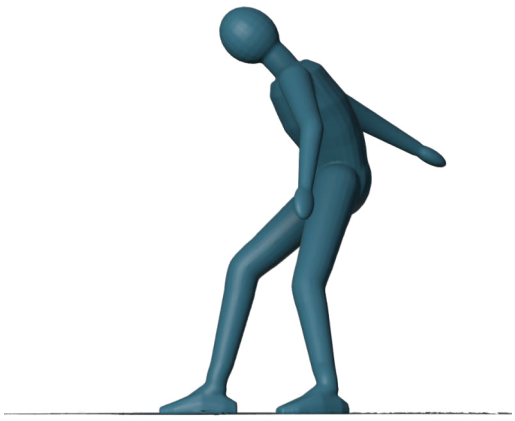


Figure 53. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / arms_04 / ACCEPT

Recorded 2026-09-16T08:27:32.674269+00:00 | Decision SHA-256:
3a67aa48e8918bdaaf93cca42b7ca71bad0727d53de41c9bb05272b4b19cdb1e

All twelve panels inspected. The near arm now hangs beside the thigh and all saved geometry checks pass. This is acceptance only as a collision-free starting pose for the morphology stage, not a completed image fit: elbow, wrist and hand errors are approximately 127, 176 and 178 px and are unacceptable for final release.

The generic shoulder remains about 39 px away from its source observation. Free the independent dimensions and whole-body pose in the next stage, preserving the evidence pixels. The final gate must reject any remaining large joint mismatch; the current strong arm-direction regularizer is an explicit assumption whose compatibility must be reassessed there.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

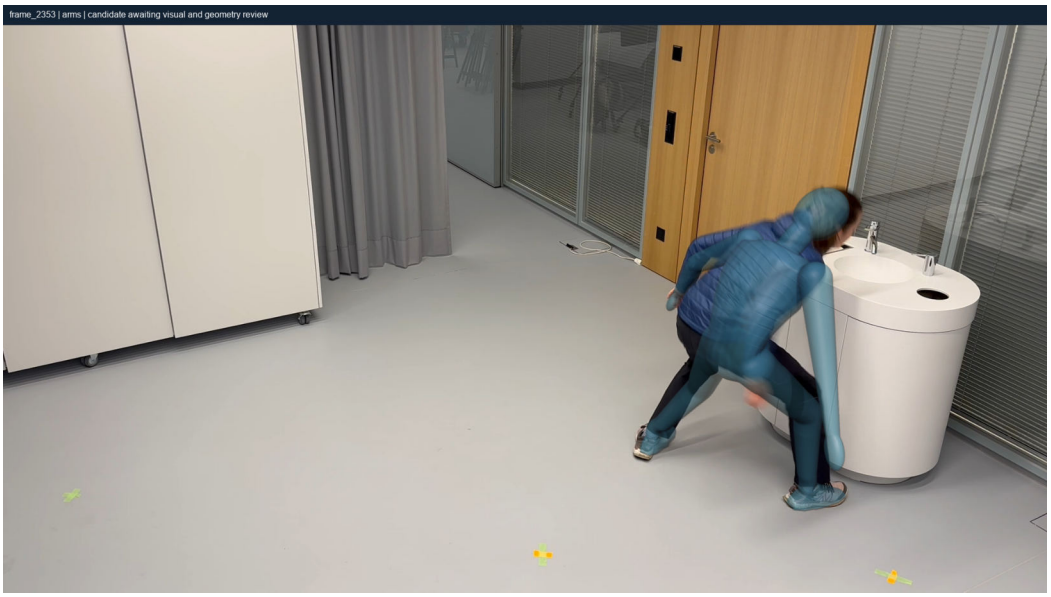


Figure 54. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

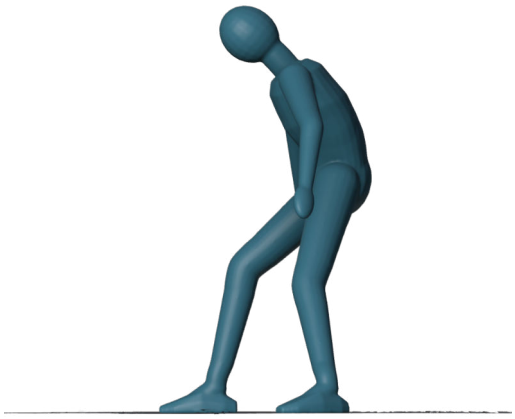


Figure 55. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / morphology_00 / REFINE

Recorded 2026-09-16T08:31:59.511926+00:00 | Decision SHA-256: 7a4f18b5373363f6d95bb31f7c6e9ae7b77fd29f391aba3184c63decd5eae415

All twelve panels inspected. The fitted trunk/head/arms shrink to multiple lower bounds, leaving a visibly disproportionate neutral model, and actual skin has 154 self-intersections. Triangle diagnosis locates far upper-arm/forearm and thorax folds. This checkpoint is rejected.

The strong near-arm angular constraints introduced for generic-shape clearance are over-influential once morphology is free. Relax them to broad direction/clearance preferences and add moderate far-arm clearance/twist constraints for the measured collision. Preserve source joint pixels, camera and all historical checkpoints. This revision addresses articulation and prior bias, not a desired height.

Neutral endpoint at this iteration: 173.76 cm; change from preceding inspected candidate: +5.26 cm. No result was selected to match a target height.

Dimension changes: ankle_height: +1.20 cm; femur: +11.62 cm; foot_length: -6.00 cm; forearm: -6.50 cm; hand: -3.00 cm; head: -4.50 cm; neck: +4.11 cm; pelvis_width: -6.00 cm; shoulder_width: -10.00 cm; tibia: +6.84 cm; trunk: -14.00 cm; upper_arm: -7.00 cm

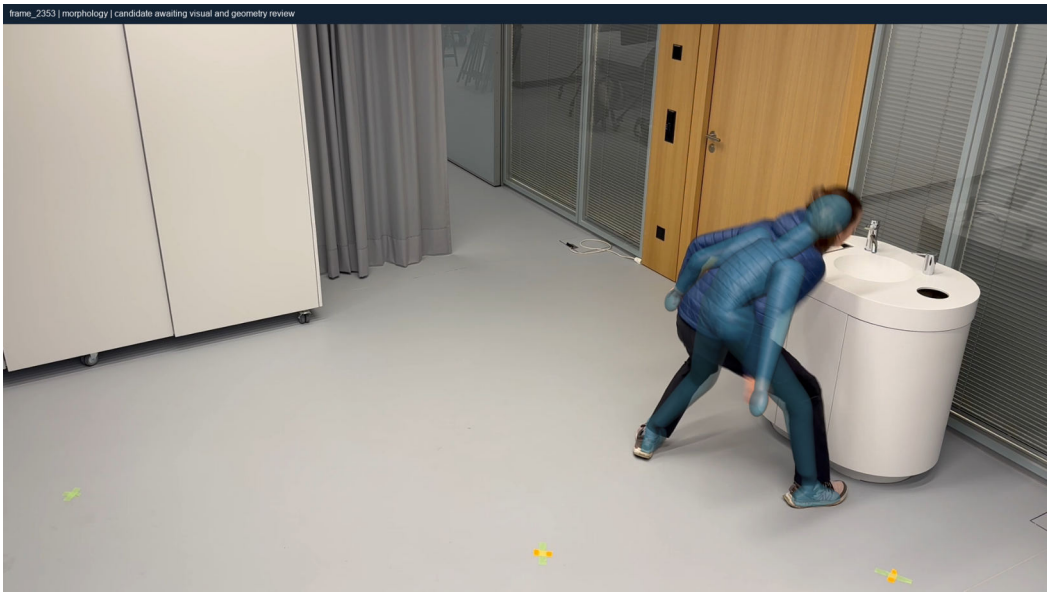


Figure 56. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 57. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / morphology_01 / REFINE

Recorded 2026-09-16T08:35:42.121687+00:00 | Decision SHA-256:
95f1a2126b1ae65e7f31418fceda7bfef12e8edceca8ea648a3cede358c27b20

All twelve panels inspected. Saved geometry now passes, but the neutral model still has a disproportionately short trunk and arms with long legs, and eight dimensions hit lower bounds. A numerical geometry pass does not resolve this implausible allocation of length.

The near elbow is nearly straight despite a visible sleeve-direction change. Test moderate elbow flexion and release the over-specific upper-arm forward direction/axial restriction, keeping all original joint pixels. Exact 3D angles remain assumed; assess the resulting joint fit and full neutral proportions without using a target height.

Neutral endpoint at this iteration: 171.81 cm; change from preceding inspected candidate: -1.95 cm. No result was selected to match a target height.

Dimension changes: ankle_height: +0.06 cm; femur: -0.27 cm; neck: -0.63 cm; tibia: -1.12 cm

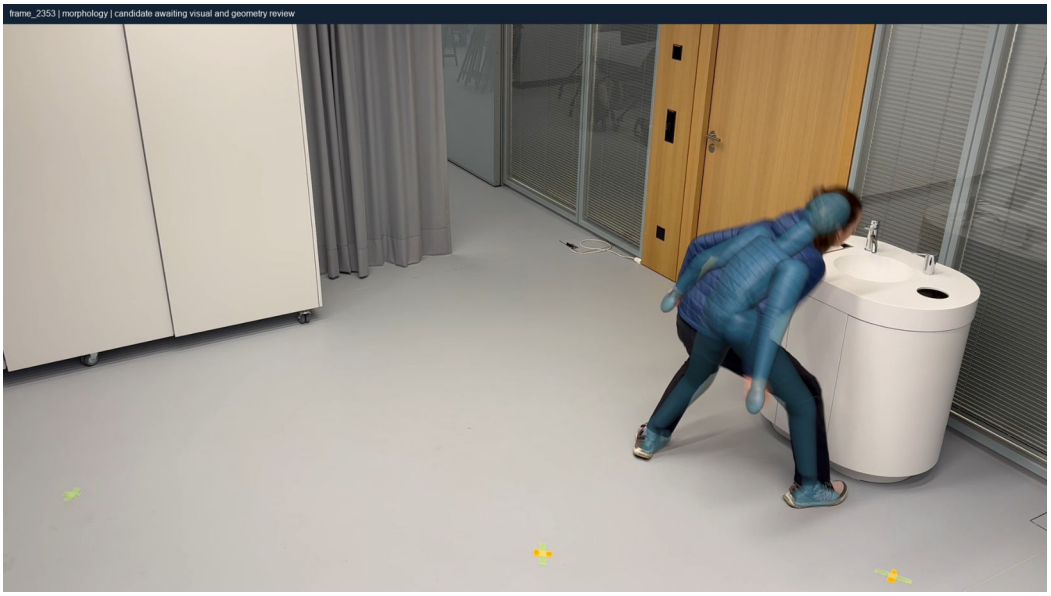


Figure 58. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 59. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / morphology_02 / REFINE

Recorded 2026-09-16T08:38:10.580845+00:00 | Decision SHA-256: 3aab8d397eb269a4c15151d0d4e5b2f8cc18bfc48168c16faa45e1c1e289ce61

All twelve panels inspected. The elbow/wrist residuals improve to 10.7/9.4 px, but actual near-elbow skin has fifteen folds; triangle localization confirms humerus/forearm intersections. Reject this candidate.

The near knee is relatively straight at 22.6 degrees while the source shows a distinct bend; the hidden pelvis remains high and trunk remains at its lower bound. Add a moderate knee-flexion regularizer and slightly reduce elbow flexion to address actual skin folds. These are explicit pose assumptions, not measured angles or a height target.

Neutral endpoint at this iteration: 167.34 cm; change from preceding inspected candidate: -4.47 cm. No result was selected to match a target height.

Dimension changes: ankle_height: +0.22 cm; femur: -5.33 cm; neck: +1.00 cm; shoulder_width: +7.14 cm; tibia: -0.37 cm; upper_arm: +0.25 cm



Figure 60. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 61. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / morphology_03 / ACCEPT

Recorded 2026-09-16T08:39:53.308734+00:00 | Decision SHA-256:
e8c256f32df285236493be67df17a0c78979fb0eecd8e6674da1591e5c90d56e

All twelve panels inspected. Moderate near-knee flexion lowers the modeled pelvis and improves its knee residual to 10.7 px; reduced elbow flexion removes the fifteen actual skin folds. All saved geometry checks now pass. Near elbow/wrist errors are 13.2/8.9 px. Proceed to final numerical refinement.

This remains a weakly identified, pose-sensitive morphology: trunk, pelvis, forearm, hand and foot are at lower bounds and the neutral model has relatively long legs and short arms. Far shoulder error remains 31.4 px under clothing. Accept the feasible articulated candidate conditionally, not as established anatomical proportions; report the bound dependence and large changes across rejected iterations explicitly. No height agreement with other images is required or used.

Neutral endpoint at this iteration: 161.31 cm; change from preceding inspected candidate: -6.03 cm. No result was selected to match a target height.

Dimension changes: ankle_height: -0.14 cm; femur: -3.24 cm; head: +1.81 cm; neck: +0.17 cm; shoulder_width: -1.89 cm; tibia: -4.64 cm; upper_arm: -0.12 cm

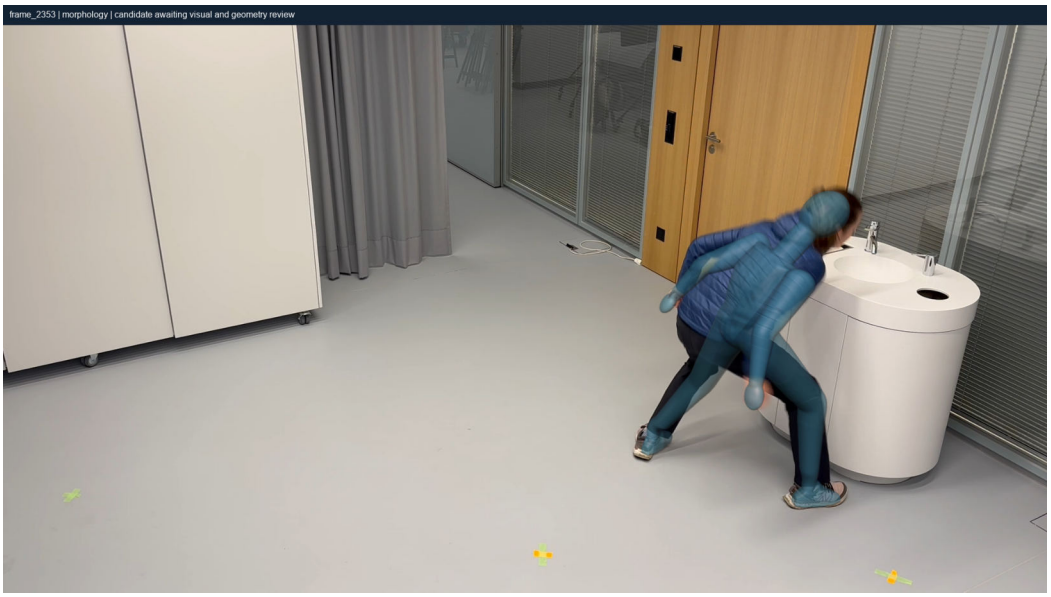


Figure 62. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 63. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 / refinement_00 / ACCEPT

Recorded 2026-09-16T08:41:35.697038+00:00 | Decision SHA-256:
2fb7267258d617d30c96c39062da2727068950767de665203cee2dc41ebfc709

All twelve final panels and full-resolution saved-joint overlay inspected. Near elbow, wrist and knee align within their stated localization scales; far shoulder remains about 31 px away under clothing. Feet contact the actual support and all twelve saved geometry checks pass with zero detected intersections. Proceed to alternatives.

Final refinement changes the endpoint by about -0.008 cm. Conditional articulated-pose plausibility is accepted, while anatomical dimensions remain poorly identified: trunk/pelvis/forearm/hand/foot sit at lower bounds and prior changes produced substantial dimension changes. Retain this independently obtained result without adjusting toward other frames; report the limitations prominently.

Neutral endpoint at this iteration: 161.30 cm; change from preceding inspected candidate: -0.01 cm. No result was selected to match a target height.

Dimension changes: head: +0.01 cm; tibia: -0.01 cm

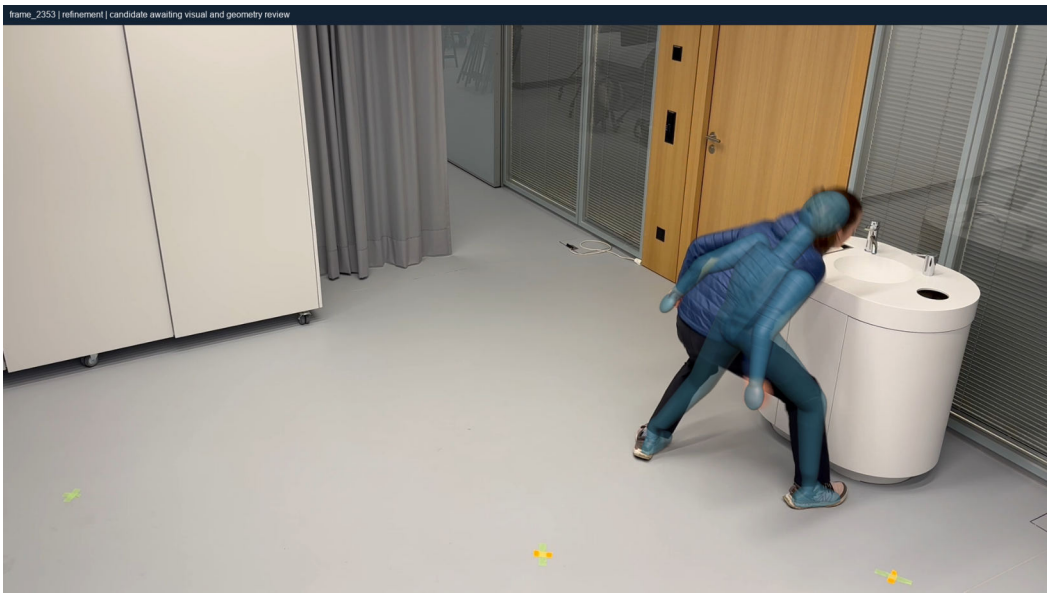


Figure 64. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 65. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2353 - alternative decisions

Alternative	Decision
initialization_00	ACCEPT
initialization_01	ACCEPT
initialization_02	ACCEPT
localization_00	ACCEPT
localization_01	REJECT
localization_02	REJECT
localization_03	REJECT
localization_04	ACCEPT
localization_05	REJECT

All twelve panels of all nine alternatives inspected. Three generic restarts reproduce the same feasible articulated branch to about 0.06 cm of the staged main result and pass actual saved geometry; the shared bound limitations remain.

Localization 00 and 04 retain the supported bent stance and feasible arm chains and pass actual geometry. Accept them only as conditional sensitivity examples. Their endpoints differ substantially from the main fit, demonstrating that numerical convergence does not establish accuracy. They do not replace the independently reviewed main result.

Reject localization 01, 02, 03 and 05 for 207, 251, 78 and 265 disallowed scan crossings respectively. Localization 03 also has a large unsupported lateral body displacement. Rejected candidates are excluded from the computational range and all four-image statistics.

Image 2415 - source joint review

All original-frame shoulders, elbows, wrists, knees and ankles inspected. Points represent uncertain joint-center estimates inside clothing, not outer clothing edges. Hips/pelvis and fully hidden joints remain null. Hair crown excludes ponytail; exact skull position is not identifiable.

Image-consistent joint centers and anatomically plausible 3D articulation can be checked; true occluded 3D joint positions cannot be certified from one photograph.

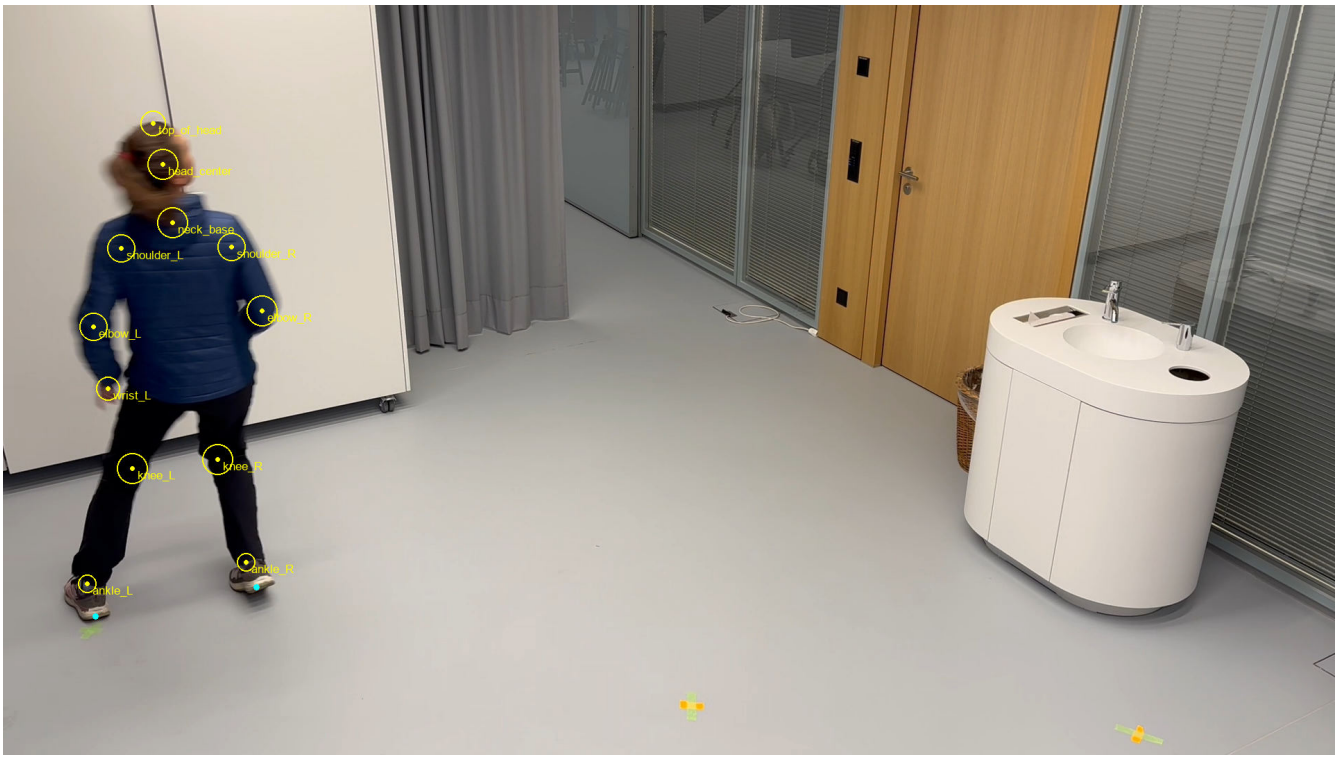


Figure 66. Source observations before independent fitting; yellow circles show localization scales, cyan points show support observations.

Image 2415 / global_00 / ACCEPT

Recorded 2026-09-16T05:27:59.351661+00:00 | Decision SHA-256:
dafc2e7d058d678eda991a18f76e420709c0c44f228671381b52f6496e1d6b53

All views inspected. The straight generic body is at the floor contact centroid; the photographed spread legs are not yet fitted. Even though geometry tests pass, the evidence overlay is not a final pose match.

Accept global placement only and fit hips, knees and foot orientation next. All dimensions remain canonical generic values; no stature selection has occurred.

Neutral endpoint at this iteration: 168.50 cm (generic starting dimensions). No result was selected to match a target height.

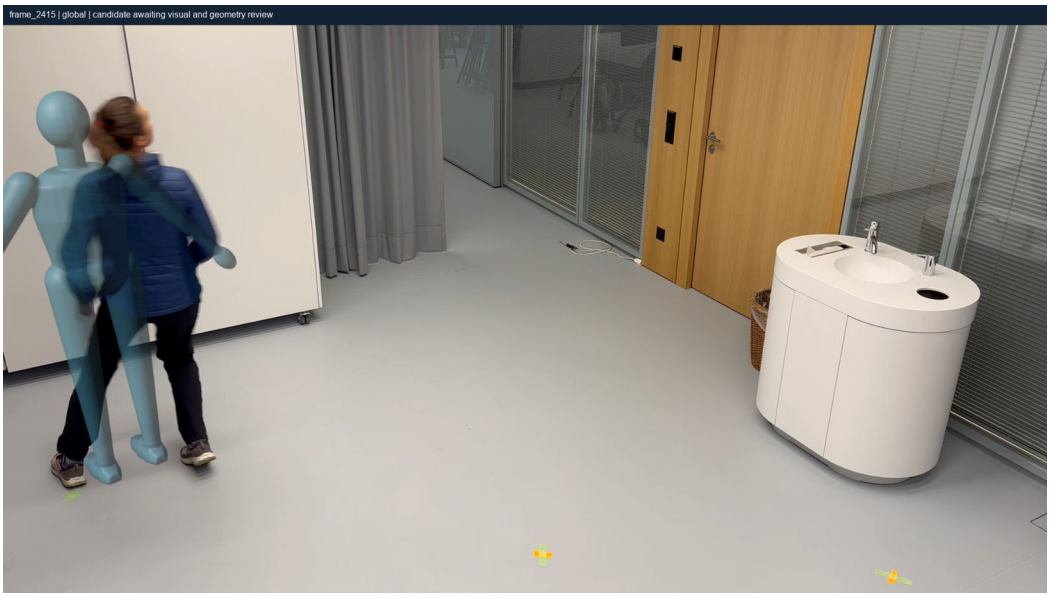


Figure 67. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

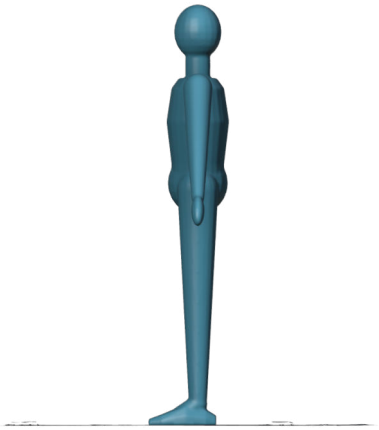


Figure 68. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / feet_00 / REFINE

Recorded 2026-09-16T05:30:29.130420+00:00 | Decision SHA-256:
6b7f3584981aa9b960ddc56c1f71e8b7d79db991b39c2ba0c03faf32012c3b41

Side and oblique views expose a deep squat: knees flex about 87.5 and 57.3 degrees despite sub-2 px knee projection errors. The photograph shows a substantially more extended spread stance. There are 94 self-intersection pairs. This demonstrates that correct-looking 2D joint pixels alone do not establish correct 3D articulation.

Add broad, explicit near-extension knee and balanced hip-direction assumptions, preserving all observed pixels and generic dimensions. Their exact angles are experimental depth regularization; they are not directly measured from the rear-facing image.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

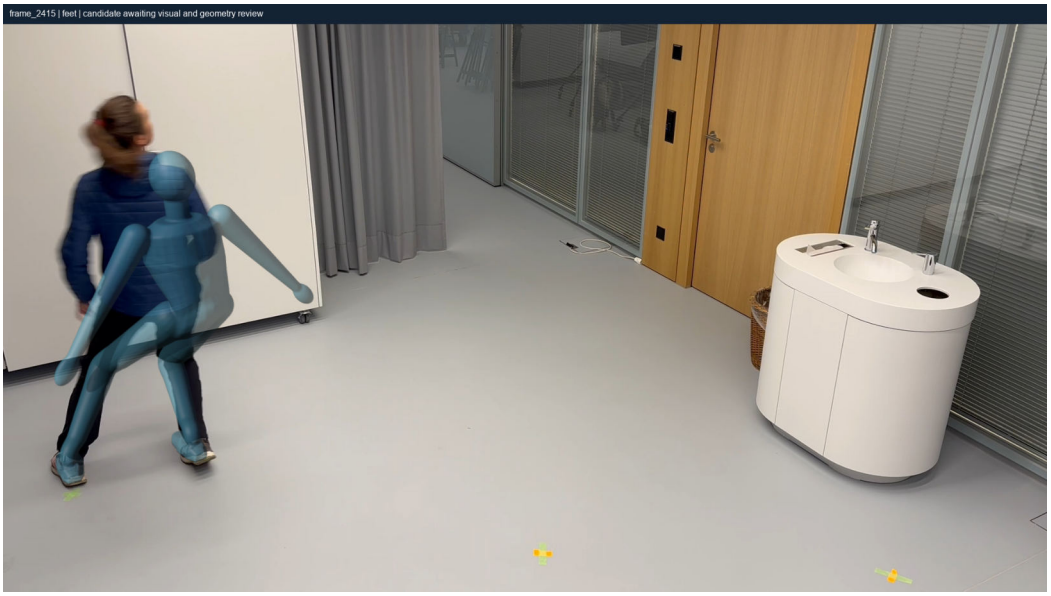


Figure 69. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

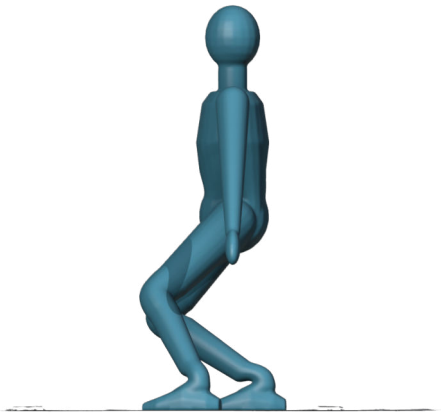


Figure 70. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / feet_01 / ACCEPT

Recorded 2026-09-16T05:32:26.852672+00:00 | Decision SHA-256:
0b7c3349c27166715f0069284eebdd2695cebdc0c4e9ce370a93fa19c23b529a

All views inspected. The unsupported deep squat is removed: knee flexion is about 20/4 degrees instead of 88/57, the upper body is much closer to the source, and all actual geometry checks now pass with zero self-intersections.

Knee residuals 9.93/18.03 px remain within their stated 22 px scales. Accept support stage; trunk/heading and arms still require fitting. All dimensions remain generic.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

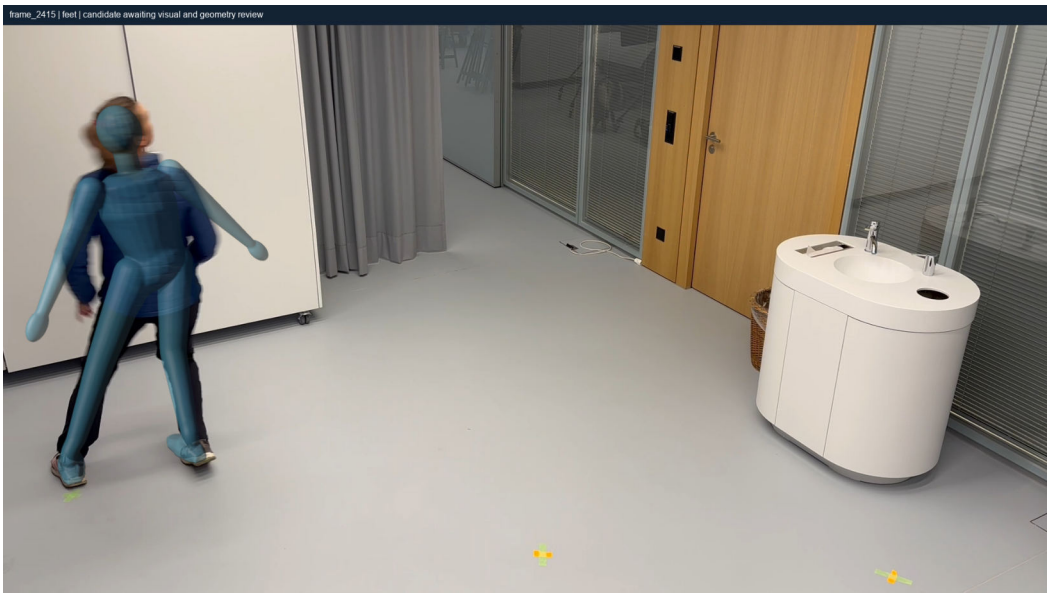


Figure 71. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

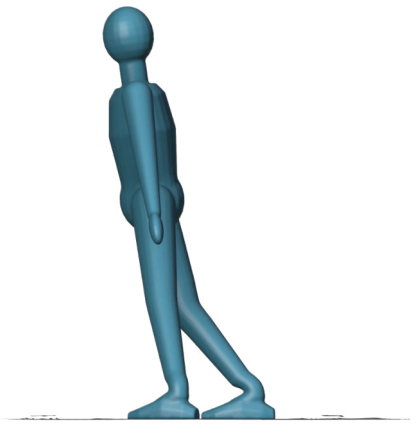


Figure 72. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / lower_00 / ACCEPT

Recorded 2026-09-16T05:34:41.234837+00:00 | Decision SHA-256:
7f7525c326f8bb1c1620bc6dffd9e6a36ca4fe629b376c373cda08881c55895b

All views inspected. The more extended stance is retained; knees have 8.64/15.92 px residuals and ankles 2.24/6.13 px. Head/neck alignment improves and all actual geometry checks pass.

One shoulder remains 34.83 px from its uncertain 20 px observation. This is recorded, not hidden by moving the observation. Dedicated torso and morphology stages can address body width and pose; arms remain unfitted.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

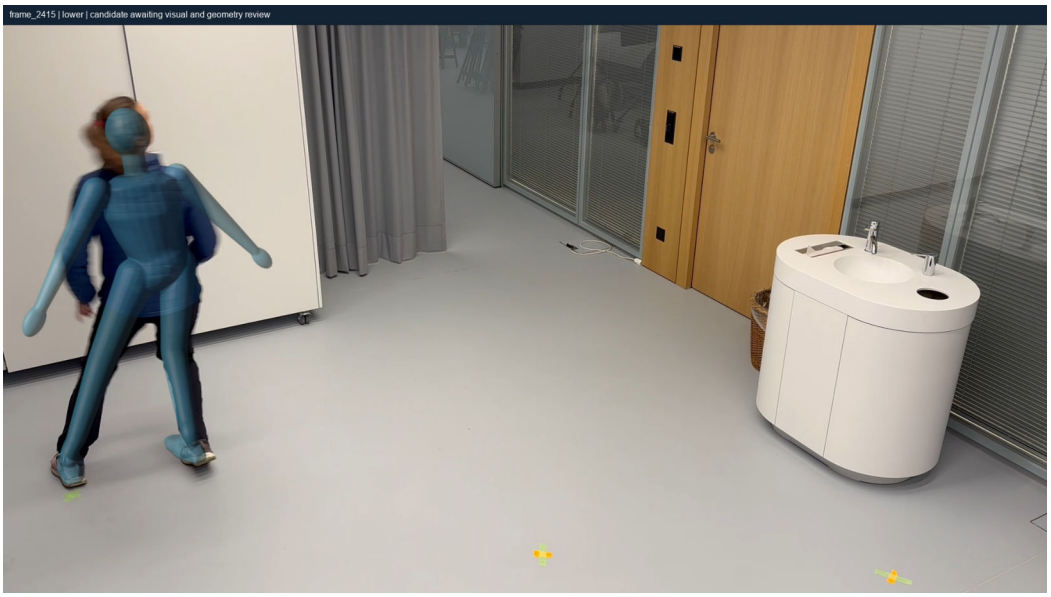


Figure 73. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

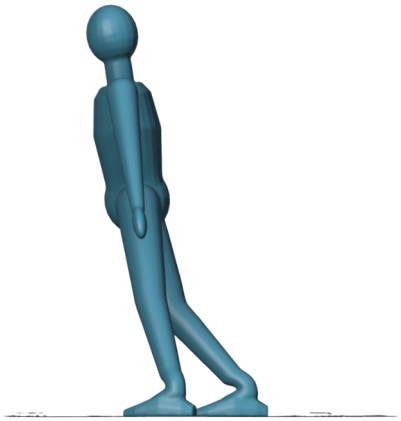


Figure 74. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / torso_00 / ACCEPT

Recorded 2026-09-16T05:40:33.125980+00:00 | Decision SHA-256:
01df530b27f1d0a033120c369b316f17c4e73e3ecfe83e7a14ff2a298dcd0988

All views inspected. Torso optimization retains the reviewed more extended stance, head and shoulder positions within numerical precision. All saved geometry checks pass.

Proceed to the visible near arm and partially observed far arm; hidden wrist depth must not be treated as observed. Generic body lengths remain unchanged.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

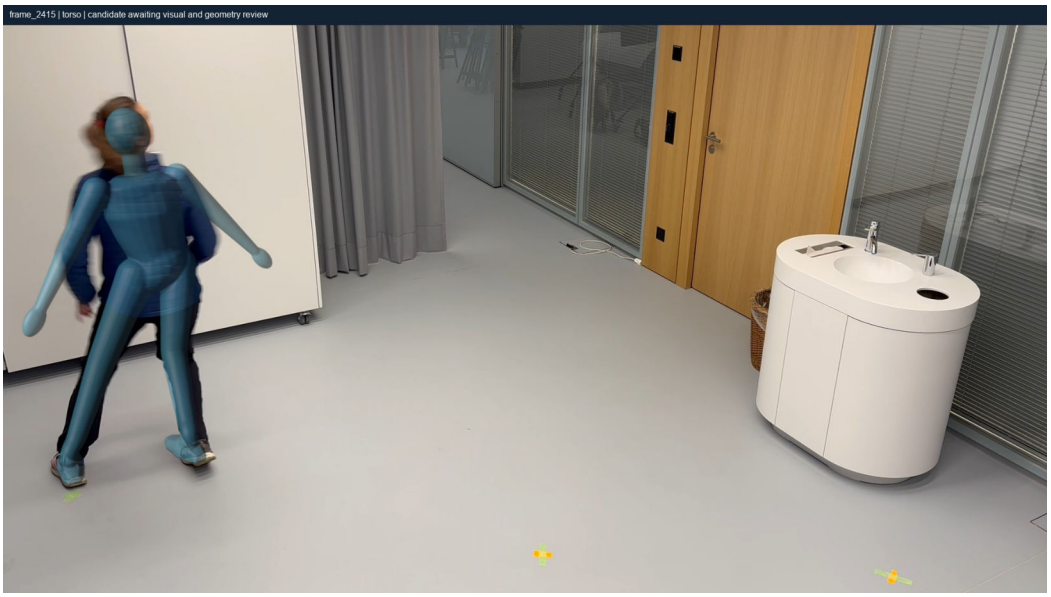


Figure 75. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

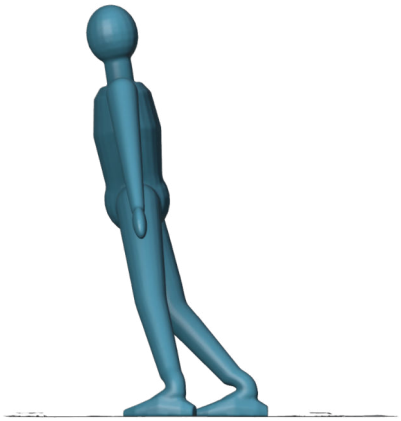


Figure 76. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / arms_00 / REFINE

Recorded 2026-09-16T05:42:35.513238+00:00 | Decision SHA-256:
31920e2bcaeef9650d428e5b96b678b05a32fd8b3e18d85b123a8cef34c82a42

All views inspected. The visible near arm has about -169 degrees axial twist and the saved mesh has 88 self-intersection pairs. The photograph supports a modest elbow bend beside the body, not an almost reversed upper-arm frame.

Regularize near-arm axial twist toward neutral and retain a broad moderate elbow bend, without inventing the hidden far wrist. Refit pose with all dimensions unchanged.

Recorded collision-localization addendum: the actual intersecting triangles belonged to the far upper arm and thorax. The pending revision was amended to add far-arm clearance before it was applied. Near-arm twist remained a separate visual concern; it was not asserted to cause that collision. The original pending revision and the triangle diagnostic are preserved.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

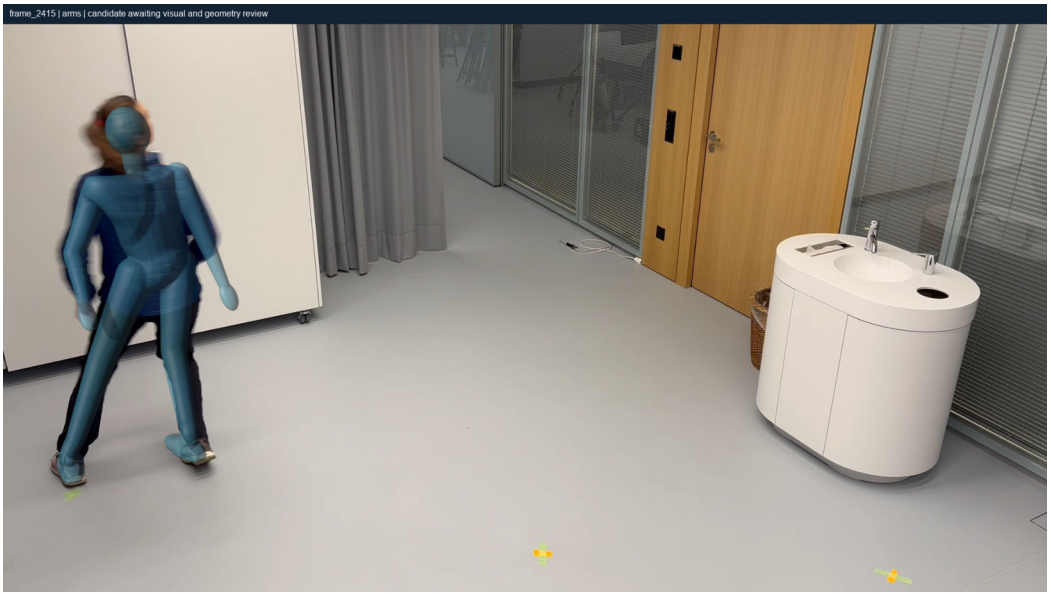


Figure 77. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 78. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / arms_01 / ACCEPT

Recorded 2026-09-16T08:19:34.740667+00:00 | Decision SHA-256:
4688525af3af5d0f7df5d7be5ac393186a1d5d0d83b90f1d735f2fc63a36879f

Inspected all twelve panels. The modest near-elbow bend and separate far-arm clearance remove the preceding reversed twist and torso collision. Saved skin has zero detected self/scan intersections and all geometry checks pass.

Near elbow remains 27.8 px from its observation and far shoulder 34.8 px with generic dimensions. Proceed to the independent morphology stage; do not label these joints exact or treat the unobserved far wrist as evidence.

Neutral endpoint at this iteration: 168.50 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: none above 0.005 cm; pose-only update.

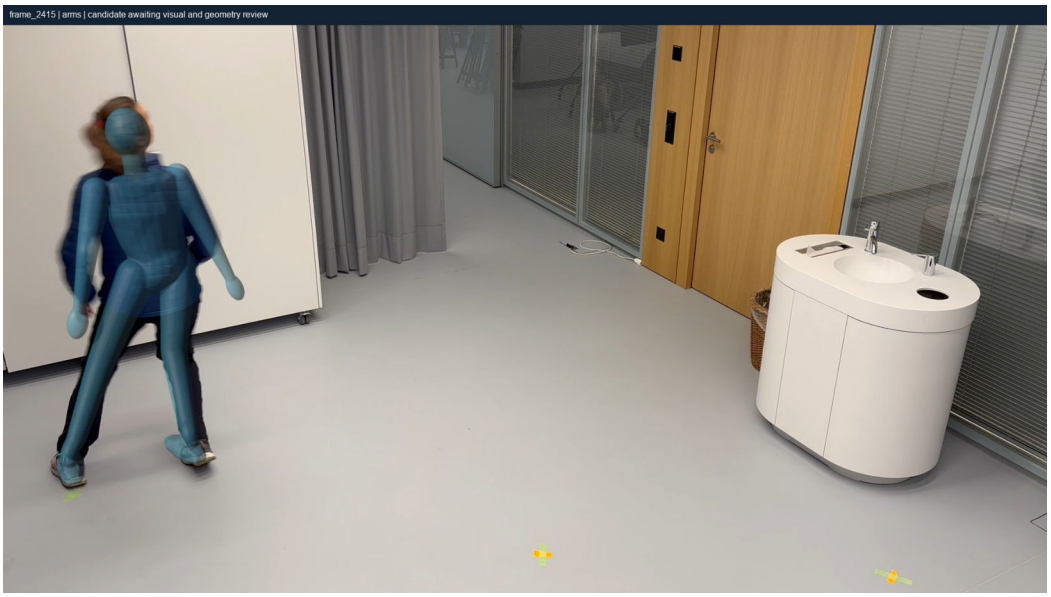


Figure 79. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 80. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / morphology_00 / ACCEPT

Recorded 2026-09-16T08:22:14.868263+00:00 | Decision SHA-256:
13c5553ba095966b29130429f85ed0544c2ad0827cd7bcb622fd3bd5d402fb7f

Inspected all twelve review panels. Saved feet are supported and all geometry checks pass without self/scan crossings. Shoulder and knee projections improve with independently fitted dimensions; near elbow remains about 17.2 px from its blurred observation. Proceed to whole-body refinement.

The short fitted femur and lower-bound foot length illustrate pose/dimension ambiguity. Near arm depth is plausible but unmeasured. Report all dimensions and their between-image disagreement rather than treating this one view as accurate anatomy.

Neutral endpoint at this iteration: 169.27 cm; change from preceding inspected candidate: +0.77 cm. No result was selected to match a target height.

Dimension changes: ankle_height: +0.54 cm; femur: -8.81 cm; foot_length: -6.00 cm; forearm: -4.47 cm; head: +4.34 cm; neck: +2.63 cm; pelvis_width: +4.93 cm; shoulder_width: +0.44 cm; tibia: -2.76 cm; trunk: +4.83 cm; upper_arm: +1.55 cm

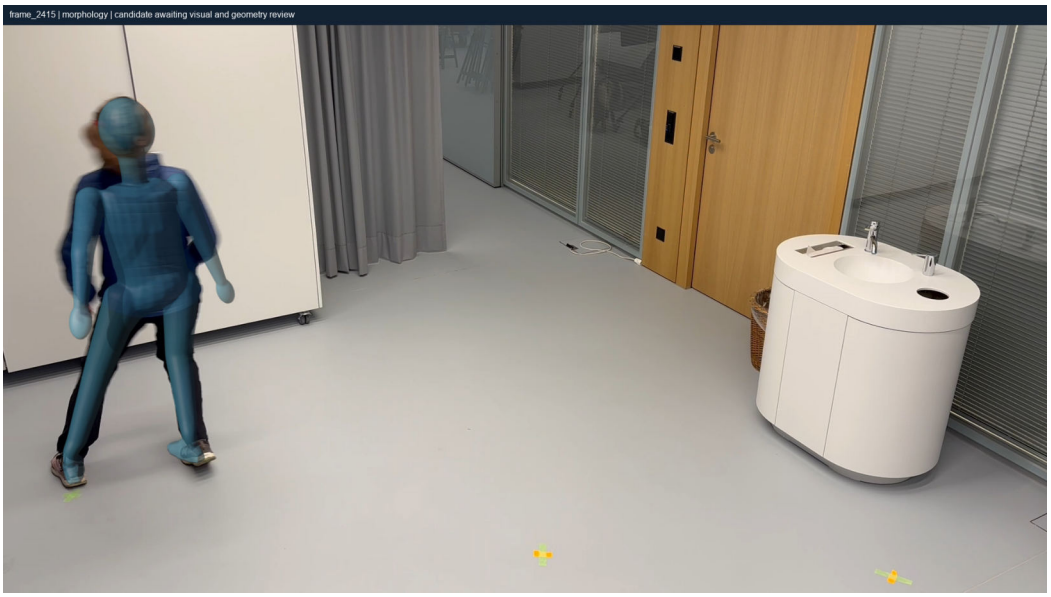


Figure 81. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.



Figure 82. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 / refinement_00 / ACCEPT

Recorded 2026-09-16T08:24:36.908012+00:00 | Decision SHA-256:
0186bad863c32d75d8053972d17f986775757d95932047939af05b49a295c521

All twelve final panels and actual-joint overlay inspected. All saved geometry checks pass, with no detected self/scan intersections and both feet supported. Visible joint residuals remain within the stated localization scales; near elbow and knee retain appreciable uncertainty. Proceed to alternative starts and localization trials.

Height changes by under 0.001 cm from the morphology stage. The short femur, lower-bound foot and unobserved arm depths remain material limitations; acceptance is conditional model plausibility, not anatomical validation.

Neutral endpoint at this iteration: 169.27 cm; change from preceding inspected candidate: +0.00 cm. No result was selected to match a target height.

Dimension changes: trunk: +0.01 cm

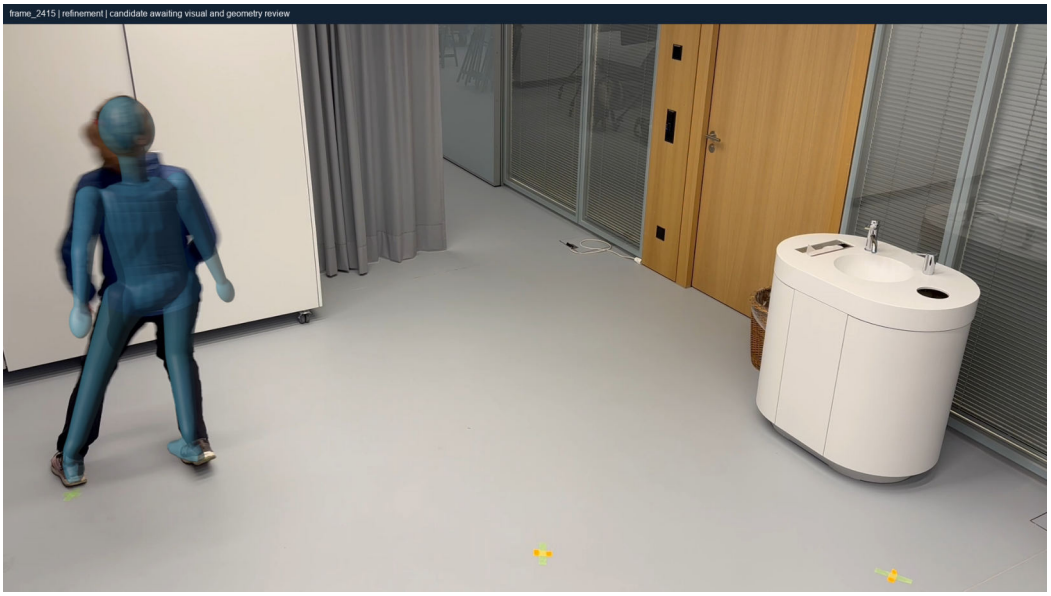


Figure 83. Checkpoint over original evidence; inspect the reasons above before interpreting its quality.

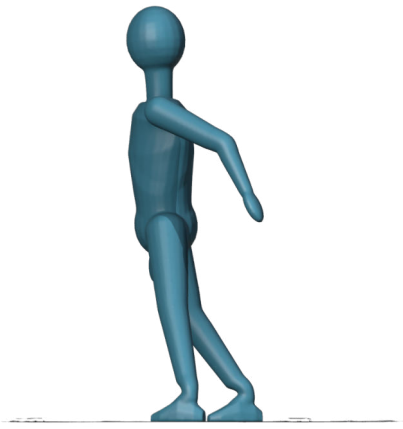


Figure 84. Side view exposes hidden articulation and clearance. This is a model view, not new evidence.

Image 2415 - alternative decisions

Alternative	Decision
initialization_00	ACCEPT
initialization_01	ACCEPT
initialization_02	ACCEPT
localization_00	REJECT
localization_01	REJECT
localization_02	REJECT
localization_03	REJECT
localization_04	REJECT
localization_05	REJECT

All twelve panels of all nine alternatives inspected. Three generic restarts reproduce the reviewed supported pose and pass actual saved geometry.

Reject localization 01 for 300 self-intersections, 96 scan crossings and an unsupported lateral squat. Also reject localization 00, 02, 03 and 04 despite geometry passes: projected foot yaw points across or away from the visible shoes; 02 additionally selects a large lateral pelvic displacement. Reject localization 05: the projected far elbow/arm extends outside the photographed sleeve, with unsupported bilateral forward arm positioning in side/top views. These visual conflicts are not resolved by low costs or perturbed landmarks.

No localization alternative is accepted for this frame. Only generic restart repeatability is established; do not report it as a localization uncertainty interval.