

SURGICAL VERIFICATION OF PROFICIENCY

Suturing Technique Assessment Report

Suture Pattern: Simple Interrupted
Assessment Date: September 02, 2025

Assessment Result

PASS - Average Score: 3.4/5.0

Assessment Results

1. Perpendicular needle passes

Score: 3/5 (Developing Pass / Generally Reliable)

Passes were consistently at or near 90 degrees with symmetric bites maintained across the line; no shear or tangential needle paths were evident, and this pattern persisted from the first stitch through the final throws.

2. Gentle tissue handling

Score: 4/5 (Proficient)

Forceps use was restrained with single, precise grasps per edge and no visible crushing or repetitive manipulation; tissue purchase and manipulation remained controlled throughout.

3. Square, secure knots

Score: 3/5 (Developing Pass / Generally Reliable)

Knots repeatedly appeared square and flat with appropriate lay, though full security could not be verified on every throw; no obvious loosening or "air knots" were seen, but some reliance on inference was necessary.

4. Appropriate approximation/tension

Score: 4/5 (Proficient)

Edges consistently met without blanching or gapping and settled without puckering; closure integrity looked reliable from initial stitches through completion.

5. Even spacing (0.5-1.0 cm)

Score: 4/5 (Proficient)

Intervals were uniform and within the ideal range across the series of stitches, with no obvious crowding or wide gaps as the line progressed.

6. Edge eversion (flat/slight acceptable)

Score: 3/5 (Developing Pass / Generally Reliable)

Wound edges were predominantly flat to slightly everted; no inversion was observed, though eversion was not consistently pronounced.

7. Economy of time and motion

Score: 3/5 (Developing Pass / Generally Reliable)

Hands and instruments stayed near the field with generally efficient, direct movements; a few hand/instrument departures and minor inefficiencies were present but did not disrupt flow.

Final Assessment

Final Score: 3 - Developing Pass / Generally Reliable

Summative Comment:

Passes were consistently at or near 90 degrees with symmetric bites maintained across the line; no shear or tangential needle paths were evident, and this pattern persisted from the first stitch through the final throws. Forceps use was restrained with single, precise grasps per edge and no visible crushing or repetitive manipulation; tissue purchase and manipulation remained controlled throughout. Knots repeatedly appeared square and flat with appropriate lay, though full security could not be verified on every throw; no obvious loosening or “air knots” were seen, but some reliance on inference was necessary.

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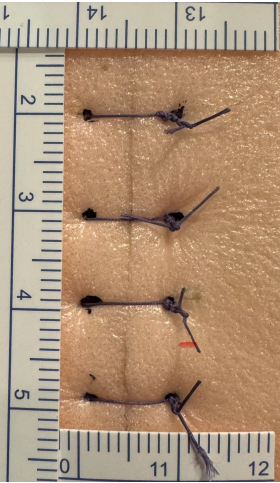
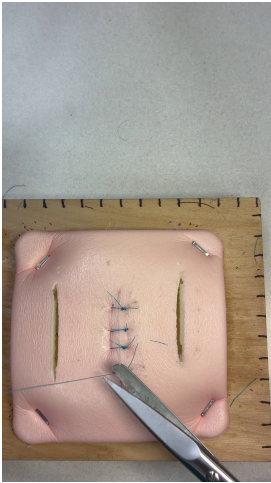
Hands and instruments stayed near the field with generally efficient, direct movements; a few hand/instrument departures and minor inefficiencies were present but did not disrupt flow. This was a controlled, reliable series of simple interrupted sutures characterized by consistent needle orthogonality, uniform bite spacing, and gentle tissue handling that preserved edge integrity. Approximation was steady and tensioned appropriately from stitch to stitch, producing a line that neither blanched nor gapped and maintained acceptable, if modest, eversion.

Knot construction appeared square and well laid, yet confirmation of absolute security was intermittently indirect, tempering the overall confidence in this domain. The technical approach showed surgical maturity in fundamentals—stable needle angles, disciplined handling, and coherent spacing—paired with generally efficient instrument positioning. The main opportunities lie in elevating efficiency to a truly high level by eliminating residual hand departures and in making eversion more consistently deliberate, alongside explicit, verifiable knot security on every throw.

Overall, the closure reads as dependable and reproducible, reflecting solid technique with clear headroom to reach exemplary performance standards.

Visual Comparison

Side-by-Side Comparison: Gold Standard vs. Learner Performance

Gold Standard	Learner Performance
	

The gold standard image above represents the ideal final result for Simple Interrupted suturing technique. Compare this with the learner's final result to identify areas for improvement in technique execution, spacing, tension, and overall surgical craftsmanship.

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