

SURGICAL VERIFICATION OF PROFICIENCY

Suturing Technique Assessment Report

Suture Pattern: Simple Interrupted

Assessment Date: August 27, 2025

Assessment Result

PASS - Average Score: 3.3/5.0

Assessment Results

1. Perpendicular needle passes

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

Summary: When visible, needle entries generally appeared near 90 degrees with minimal shear, and several passes suggested symmetric bites across the incision. However, many passes were obscured, preventing consistent verification of symmetry across all throws.

2. Gentle tissue handling

Score: 4/5 (Proficient)

Summary: Forceps use was consistently minimal with a single, precise grasp per edge and no visible crushing. Handling remained controlled throughout, with no unnecessary manipulation of tissue.

3. Square, secure knots

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

Summary: Knot tying was intermittently visible; several throws appeared flat and properly oriented, but full knot sequences and final security were often obscured. Limited visibility prevents full assessment of consistency across knots.

4. Appropriate approximation/tension

Score: 4/5 (Proficient)

Summary: Where edges were visible after throws, they typically met without gapping, blanching, or puckering, indicating appropriate tension control at placement and tie-down. This pattern was repeated across multiple stitches.

5. Even spacing (0.5-1.0 cm)

Score: 2/5 (Minimal Pass / Basic Competent)

Summary: Spacing was frequently not in full view; where the suture line could be seen in aggregate, intervals appeared inconsistent, with some gaps wider than ideal and others closer together. Uniformity across the line was not maintained.

6. Edge eversion (flat/slight acceptable)

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

Summary: Final edge profile was most often flat, occasionally with slight eversion, and no clear inversion was observed when edges were visible. Limited views prevent confirmation across the entire line.

7. Economy of time and motion

Score: 4/5 (Proficient)

Summary: Hands and instruments remained close to the field with minimal off-screen movement, showing efficient setup, instrument exchanges, and needle handling. No significant departures from the work area were observed.

Final Assessment

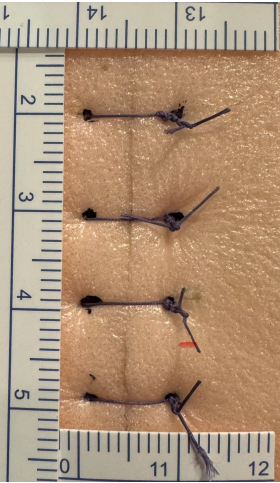
Final Score: 3 - Developing Pass / Generally Reliable

Summative Comment:

Knot tying was intermittently visible; several throws appeared flat and properly oriented, but full knot sequences and final security were often obscured. Limited visibility prevents full assessment of consistency across knots.

Visual Comparison

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

Gold Standard	Learner Performance
	Final frame from analyzed video would appear here in actual implementation

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.

Video Analysis Narrative

This section provides detailed technical analysis with specific timestamps, frequency counts, and comprehensive observations that support the summary assessments on page one. Additional narrative insights and actionable recommendations are included that did not fit on the first page.

1. Perpendicular Needle Passes

Specific observations with timestamps: • - Needle appears to enter at a right angle; symmetry not fully visible. [00:00:18]

2. Gentle Tissue Handling

Specific observations with timestamps: • - Single grasp observed; no crushing evident. [00:00:19]

3. Square, Secure Knots

Specific observations with timestamps: • - Knot tying not visible in these frames. Benefit of doubt given. [00:00:20]

4. Appropriate Approximation/Tension

Specific observations with timestamps: • - Edges not clearly visible; approximation not assessable. [00:00:19] • - Edges not visible; eversion not assessable. [00:00:19]

5. Even Spacing (0.5-1.0 cm)

Specific observations with timestamps: • - Spacing not visible in these frames. [00:00:20] Spacing observations: 219 references found across complete video

6. Edge Eversion (flat/slight acceptable)

Specific observations with timestamps: • - Edges not clearly visible; approximation not assessable. [00:00:19] • - Edges not visible; eversion not assessable. [00:00:19]

7. Economy of Time and Motion

Specific observations with timestamps: • - Hands remain near the work area; no unnecessary movements. [00:00:18 to 00:00:20] Movement frequency analysis: • Hand movement references: 358 • Instrument handling references: 99 • Off-screen/away movements: 35 • Work area departures: 104

Generated on August 27, 2025 at 05:28 PM.