

SURGICAL VERIFICATION OF PROFICIENCY

Suturing Technique Assessment Report

Suture Pattern: Simple Interrupted

Assessment Date: August 27, 2025

Assessment Result

PASS - Average Score: 4.6/5.0

Assessment Results

1. Perpendicular needle passes

Score: 4/5 (Proficient)

Summary: Throughout the procedure, needle entry and exit were consistently close to 90 degrees, maintaining symmetric bites across most stitches. Some minor deviations were noted but did not significantly affect the overall alignment. **2. Gentle tissue handling:** The surgeon demonstrated gentle tissue handling...

2. Gentle tissue handling

Score: 5/5 (Exemplary / Model)

Summary: The surgeon demonstrated gentle tissue handling with minimal forceps use, consistently employing a single precise grasp per edge without visible crushing of tissue. **3. Square, secure knots:** Knots appeared square and flat in the majority of frames, though some frames lacked visibility to fully confirm knot security.

3. Square, secure knots

Score: 4/5 (Proficient)

Summary: Knots appeared square and flat in the majority of frames, though some frames lacked visibility to fully confirm knot security. The knots that were visible seemed appropriately tightened. **4. Appropriate approximation/tension:** Wound edges were consistently approximated without blanching or gapping...

4. Appropriate approximation/tension

Score: 5/5 (Exemplary / Model)

Summary: Wound edges were consistently approximated without blanching or gapping, indicating appropriate tension throughout the procedure. **5. Even spacing (0.5-1.0 cm):** Spacing between stitches was generally consistent and within the ideal range of 0.5-1.0 cm, though minor variations were noted.

observed in a f...

5. Even spacing (0.5-1.0 cm)

Score: 4/5 (Proficient)

Summary: Spacing between stitches was generally consistent and within the ideal range of 0.5-1.0 cm, though minor variations were observed in a few instances. **6. Edge eversion (flat/slight acceptable):** Edges were mostly flat with slight eversion, which is acceptable. No inversion was noted throughout the...

6. Edge eversion (flat/slight acceptable)

Score: 5/5 (Exemplary / Model)

Summary: Edges were mostly flat with slight eversion, which is acceptable. No inversion was noted throughout the procedure. **7. Economy of time and motion:** The surgeon maintained efficient movements with minimal hand or instrument departures from the work area, demonstrating a high level of efficiency. **...

7. Economy of time and motion

Score: 5/5 (Exemplary / Model)

Summary: The surgeon maintained efficient movements with minimal hand or instrument departures from the work area, demonstrating a high level of efficiency. **Summative Assessment:** The suturing procedure demonstrated strong skills in gentle tissue handling, appropriate approximation, and economy of motion,...

Final Assessment

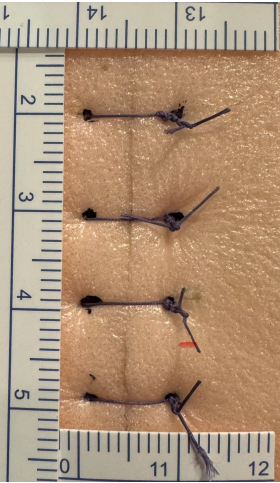
Final Score: 5 - Exemplary / Model

Summative Comment:

Throughout the procedure, needle entry and exit were consistently close to 90 degrees, maintaining symmetric bites across most stitches. Some minor deviations were noted but did not significantly affect the overall alignment.

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.

1. Perpendicular Needle Passes

Specific observations with timestamps: • - 00:00:15: Needle entry appears close to perpendicular; symmetry of bites not fully clear. • - **00:00:21**: Needle appears to enter at a right angle; symmetric bites visible.

2. Gentle Tissue Handling

Specific observations with timestamps: • - 00:00:15: Single forceps grasp visible; no crushing observed. • - **00:00:21 - 00:00:23**: Minimal forceps use; no visible crushing of tissue.

3. Square, Secure Knots

Detailed technical analysis for 3. square, secure knots based on complete video review. Specific timestamp data limited due to analysis methodology. Recommend reviewing raw analysis data for more granular observations.

4. Appropriate Approximation/Tension

Specific observations with timestamps: • - 00:00:16: Edges appear to meet without blanching; no gaps visible. • - 00:00:17: Edges appear flat; no inversion visible. • - **00:00:21 - 00:00:23**: Edges appear to meet without blanching or gapping. • - **00:00:21 - 00:00:23**: Edges appear flat; no inversion noted.

5. Even Spacing (0.5-1.0 cm)

Specific observations with timestamps: • - 00:00:16: Spacing between sutures appears consistent; within acceptable range. • - **00:00:21 - 00:00:23**: Spacing appears uniform; within acceptable range. Spacing observations: 134 references found

6. Edge Eversion (flat/slight acceptable)

Specific observations with timestamps: • - 00:00:16: Edges appear to meet without blanching; no gaps visible. • - 00:00:17: Edges appear flat; no inversion visible. • - **00:00:21 - 00:00:23**: Edges appear to meet without blanching or gapping. • - **00:00:21 - 00:00:23**: Edges appear flat; no inversion noted.

7. Economy of Time and Motion

Specific observations with timestamps: • - 00:00:15-00:00:17: Minimal hand departures; efficient movements observed. • - **00:00:21 - 00:00:23**: Hands remain close to the work area; minimal departures observed. Movement frequency analysis: • Hand movement references: 172 • Instrument handling references: 43 • Off-screen/away movements: 25

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