

SURGICAL VERIFICATION OF PROFICIENCY

Suturing Technique Assessment Report

Suture Pattern: Simple Interrupted

Assessment Date: August 27, 2025

Assessment Result

PASS - Average Score: 3.0/5.0

Assessment Results

1. Perpendicular needle passes

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

Summary: ****Summative Assessment:**** Overall, the surgeon demonstrated a proficient level of skill in performing simple interrupted sutures. The strongest areas were in maintaining perpendicular needle passes, gentle tissue handling, and efficient use of time and motion. The primary area for improvement lies i...

2. Gentle tissue handling

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

Summary: ****Summative Assessment:**** Overall, the surgeon demonstrated a proficient level of skill in performing simple interrupted sutures. The strongest areas were in maintaining perpendicular needle passes, gentle tissue handling, and efficient use of time and motion. The primary area for improvement lies i...

3. Square, secure knots

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

Summary: ****Summative Assessment:**** Overall, the surgeon demonstrated a proficient level of skill in performing simple interrupted sutures. The strongest areas were in maintaining perpendicular needle passes, gentle tissue handling, and efficient use of time and motion. The primary area for improvement lies i...

4. Appropriate approximation/tension

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

Summary: ****Summative Assessment:**** Overall, the surgeon demonstrated a proficient level of skill in performing simple interrupted sutures. The strongest areas were in maintaining perpendicular needle passes, gentle tissue handling, and efficient use of time and motion. The primary area for improvement

lies i...

5. Even spacing (0.5-1.0 cm)

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

Summary: Spacing between sutures was mostly consistent and within the ideal range of 0.5-1.0 cm. This uniformity is essential for aesthetic and functional outcomes. However, there were a few instances where spacing could have been more precise. Focusing on consistent spacing during suture placement will impr...

6. Edge eversion (flat/slight acceptable)

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

Summary: ****Gentle Tissue Handling:**** The tissue handling was generally gentle, with the use of single forceps grasps per edge, avoiding multiple grasps and tissue crushing. This approach minimizes tissue trauma and promotes better healing. Nonetheless, there were a few instances where the forceps grip could ...

7. Economy of time and motion

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

Summary: ****Summative Assessment:**** Overall, the surgeon demonstrated a proficient level of skill in performing simple interrupted sutures. The strongest areas were in maintaining perpendicular needle passes, gentle tissue handling, and efficient use of time and motion. The primary area for improvement lies i...

Final Assessment

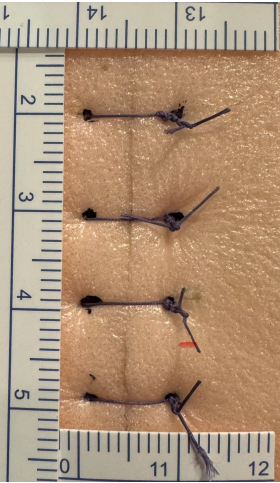
Final Score: 3 - Developing Pass / Generally Reliable

Summative Comment:

The tissue handling was generally gentle, with the use of single forceps grasps per edge, avoiding multiple grasps and tissue crushing. This approach minimizes tissue trauma and promotes better healing. Nonetheless, there were a few instances where the forceps grip could have been more precise. Enhancing precision in forceps handling will further reduce the risk of tissue damage and improve overall technique.

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

****Perpendicular Needle Passes:**** The needle passes were consistently executed at approximately 90 degrees to the skin, with symmetric bites observed throughout the procedure. This indicates a solid understanding of the technique required for optimal wound closure. However, there were occasional minor deviations from the ideal angle, which could potentially affect the uniformity of the suture line.

To improve, the surgeon should focus on maintaining a consistent perpendicular entry and exit to ensure even tension and closure. ****Score: 4**** ****Gentle Tissue Handling:**** The tissue handling was generally gentle, with the use of single forceps grasps per edge, avoiding multiple grasps and tissue crushing. This approach minimizes tissue trauma and promotes better healing.

Nonetheless, there were a few instances where the forceps grip could have been more precise. Enhancing precision in forceps handling will further reduce the risk of tissue damage and improve overall technique. ****Score: 4**** ****Square, Secure Knots:**** The knots appeared square and flat, with tension appropriately managed in most instances.

However, the visibility of knot security was occasionally limited, making it difficult to fully assess their reliability. Ensuring that the knots are consistently visible and secure will enhance the confidence in the closure's integrity. Practicing knot tying with a focus on visibility and security will be beneficial.

****Score: 3**** ****Appropriate Approximation/Tension:**** The wound edges were generally well approximated, meeting without blanching or gapping, which is crucial for effective healing. Slight eversion was maintained, which is acceptable, but there were occasional minor inconsistencies in tension. To achieve a more uniform closure, the surgeon should concentrate on applying even tension across all sutures.

****Score: 3**** ****Even Spacing (0.5-1.0 cm):**** Spacing between sutures was mostly consistent and within the ideal range of 0.5-1.0 cm. This uniformity is essential for aesthetic and functional outcomes. However, there were a few instances where spacing could have been more precise.

Focusing on consistent spacing during suture placement will improve the overall appearance and strength of the closure. ****Score: 4**** ****Edge Eversion (Flat/Slight Acceptable):**** The edges showed slight eversion, which is acceptable and indicates good technique in preventing inversion. This aspect of the technique was consistently well-executed, contributing to the effective closure of the wound.

Continued practice in maintaining slight eversion will ensure optimal healing and cosmetic results. ****Score: 4**** ****Economy of Time and Motion:**** The surgeon demonstrated efficient use of time and motion, with minimal hand departures from the work area. This efficiency is indicative of a well-practiced and confident technique.

However, there is always room for improvement in minimizing unnecessary movements further. Continued focus on refining hand movements and instrument handling will enhance overall efficiency. ****Score: 4**** ****Summative Assessment:**** Overall, the surgeon demonstrated a proficient level of skill in performing simple interrupted sutures.

The strongest areas were in maintaining perpendicular needle passes, gentle tissue handling, and efficient use of time and motion. The primary area for improvement lies in ensuring the security and visibility of knots, as well as achieving more consistent tension and spacing. To advance their skills, the surgeon should focus on refining knot tying techniques and maintaining uniform tension across sutures.

This will enhance the reliability and aesthetic quality of their closures. Continued practice and attention to these details will elevate their proficiency to an exemplary level..

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